SP 2-5 RICCO Industrial Area, Reemirana. Alwar - 301705, Pajesthan, India Phones: -91-1494 - 246696, 997

Fasas +91-1494 - 246995

E-mail | neemrana@alchemintemational.com

## <u>Alch</u>em International Limited

Dated 18-10-2019

To,

The Member Secretary,

State Level Environmental impact Assessment Authority,

Secretariat, Jaipur (Raj.)

Sub: • Regarding amendment in Existing EC of Herbal Extracts and Active Pharmaceutical Ingredients (API's) (Capacity- 735Kg/Day) of Alchem International Pvt. Ltd. situated at SP-2-5, RIICO Industrial Area, Neemrana, Nagar, Tehsil Neemrana, District - Alwar (Raj.) for an area of 76970 5q.m.

Ref : EC guated by 5E!AAA vide letter No F1 (4)/SE!AA/SEAC-Raj/Secu/Project / Cat. 1(a) B1 (15361)/ 2019-20 | dated 24/07/2019

Sir.

The environmental clearance of the existing project was accorded by SEIAA Rajasthan vide is letter. No. F1. (4)/SEIAA/SEAC-Raj/Sectt/Project./ Cat. 1(a) B1. (15361)/. 2019-20... dated 24/07/2019(Total capacity after expansion is 735 kg/day). Alchem International Private Limited has proposed an amendment in the existing environmental clearance (with no increase in production capacity and plot area).

It is proposed to install a new 4 TPH gas fired/HSD fired Boder, this will have additional heaelits in terms of reduced pollution level. This will reduce the water consumption in Boiler from 50 KL to 30 KL. There will additional change in extraction of Nicotine extraction media. Various water conservation measures to reduce the water demand is being applied by the unit consistently. The intend to use this builter is to curb the impact of air pollution in the post monston period accounted due to Adiabatic Lapse Rate leaving the particulate matters suspended resulting into Smog, in order to avert this situation, the Management intends to cut down the pullution load. Rest of the period existing Agra husk Builter (8 TPH) will be utilized.

Regid. Office : 301, Avalou Appartment, Mangla Pun.

Melnia, i-Guigaon Roed, New Delin 610 030 (India)

Phones: .+91-13-2680 3500/01/07/03/04, 26508420-31

Faces: .+91-11-2680 1770, 2680 2102, 2680 2423

E-equil contact@alcheminternational.com



The amendment in existing EC is planned in existing plant area 14,527 Sq.M. out of 76,970 Sq. m total land area. No additional land is required.

We hereby enclose the following documents for your kind perusal:-

- 1. Updated Form -1 with relevant Annexurs.
- 2. Copy of addendum in EIA report (No Increase in Pollution Load Certificate).
- 3. Soft copy

We request your good self to kindly consider the same and accord us Terms of Reference at the earliest

Thanking You,

Yours Faithfully.

For Alchem International Pvt. Ltd.

(Sunii Walik)

Vice- President

### ALCHEM INTERNATIONAL PVT. LTD

### AT # SP 2-5, RIICO INDUSTRIAL AREA , PHASE 1, VILLAGE -NEEMRANA , TEHSIL -NEEMRANA (FORMALY UNDER BEHROR TEHSIL), DISTRICT - ALWAR, RAJASTHAN-301705

Project Area: • 76.970Sq.m. (No additional land is acquired)

Existing Capacity, 200 Kg/Day, Proposed Capacity, 535 Kg/Day; Total -735 Kg/Day.

Study Period: - October -November - December '2017'

Project Cost: -Existing- Rs.101.11 Crore.; Proposed Amendment - Rs. 0.2395 Crore.; Total -101.3495Crore.

EC granted: No F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a) B1 (15361)/ 2019-20 dated 24/07/2019

#### PROPOSAL.

### FÜR

### OBTAINING AMENDMENT IN ENVIRONMENTAL CLEARANCE

['B" under category 5(f) of EIA Notification dated 14.09.2006 and its subsequent amendments)

(Amendment in EC under clause 7(ii) of the EIA Notification 2006]

Applicant: - Alchem International Pvt Ltd.

Authorized Signatory: -Suntl Malik (Vice President - Supply Chain Management)

SP 2-5, RIICO Industrial Area, Phase 1, Neemrana, District- Alwar.

Email: -sunit.malik@alcheminternational.com,

nksingh@alcheminternational.com

91-1494-246996; Fax No.:-91-1494-246995



### ENKAY ENVIRO SERVICES PVT. LTD., JAIPUR

Accredited EIA Consultant Organization by NABET, QCI, New Delhi at S. No. 43 in MoEF&CC List of Accredited EIA Consultant Organizations (as September 05, 2019).

Validity: - Up to 15.11.2019.

Corporate Office: - # 92 Heera Nagar - A, Near Shalimar Bagh, Ajmer Road, Jaipur (Raj ). - 302 021

Phone: - 0141-2354997, 2353996

Email: - info@enkayenviro.com; Website. - www.enkayenviro.com

PROJECT :ADDENDUM TO ENVIRONMENTAL IMPACT ASSESSMENT & ENVIRONMENTAL MANAGEMENT PLAN
APPLICANT :Alchem International Pvl.Cd

DOCUMENT NO.:

S.NO.	CONTENTS	PAGE NOS.
1.	Updated form -1	3-21
Innexure No.	ANNEXURE	
- <del></del>	Form 4	22-29
11.	Copy of Environmental Clearance	30-46
<u> </u>	Copy of addendum in EIA report (No Increase in Pollution Load Certificate) Consent to Operate	47-65
JV	Boiler (4 TPH) Specification	66-81
<u>v.</u> —	Production Record	82
VI.	Legal Undertaking by PP	83-84
<u>vii.                                   </u>	Affidavit by Enkay	85-86
viu.	Authorization letter duly signed by the project proponent in support of the person making this application to make application on behalf of the User Agency	87
IX.	Copy of the Certificate of Accreditation certified by QCI/NABET	88-89
<u>x.                                    </u>	Copy of Compliance of EC	90-118
	Consent to Operate & Authorization	119-128
XII.	Consent since Inception	129-153

\*\*\*\*\*\*



FORM-I

3

### APPENDIX I (See paragraph - 6) FORM 1

### I. Basic Information

S.	Item :	Details
No.	i	
1.	Name of the Project/s	Amendment in existing Environmental Clearance obtained for "Herba
	·	Extracts and Active Pharmaceutical Ingredients " (Capacity - 735
	 	KG/Day) of Alchem International Pvt. Ltd Situated at SP 2.5. R.ICO
		Industrial Area, Neomrana Nagar, Tehsil- Neomana, District - Alwar -
!		Rajasthan, Area 76970 SQM
j- <u>-</u> -	S. No. in the schedule :	5(f) Synthetic Organic Chemicals industry (dyes 8 dye intermediates
	. :	bulk drugs and intermediates excluding drug formulations, synthetic
	•	mathers; basic organic chemicals, other synthetic organic enemicals and
		chemical intermediates)
<del>  3.</del>	Proposed capacity/area/ :	Area-14527 Sq.m is for expansion out of total area- 76,970 Sq.m
:	length/tonnage to be!	Note: Alchem International Private Limited has proposed an amendment
	handled /command i	in the existing environmental clearance (with no sucrease in product $\phi \in$
ı	Larea/lease area /number	capacity and plot area).
i	Lof wells to be drilled	The environmental dearance of the existing project was seconded by
:	1	SEIAA Rajasthan vide its letter No F1 (4)/SEIAA/SEAC-Raj/Sectt/Project
!		/ Cat. 1(a) B1 (15361)/ 2019-20   dated 24/07/2019(Total capacity after
i		expansion is 735 kg/day).
: 4	1 New / Expansion /	Amendment in EC granted vide letter no No F1 (4)/SEIAA/SEAC-
i	Modernization	Rai/Sectt/Project / Cat. I(a) B1 (15361) / 2019-20   dated 24/07/2019

5 Existing capacity/ Area etc.

S. No	Product	Raw Majerial ( Norb)	Annual Quantity of Herbused for	Quantity of Fina Product
		,	Extraction (Tons)	[Kg/Aitnum]
	Semios des	Seema Lineway and Pods	1900	36000
2.	Sentia Chy Extract	Source Leaves and Pods	•	inging
3.	Calconto Sennosides 20%	Senna Coaves and Pods	- 	20000
4,	Valerian Dry Extract	Valeman Roots	160	1:000
5.	Malk Toisile Extract	Cardar# Seeds	130	saca —
6	Horse Chest Nut Extract	Horse Chest No.	110	3800
7.	dyastine Hydrotromide	Dubosa Izaves	<del>- 5</del> 01 - <del>1</del>	13090
Я.	Таттего Банаст	Turniers Roots		12500
9	Grope Seed Extrace	Grape Sneds	10	Z1000
14.	Po-legraliate Extract	Pomegrandic Peels	[0 :	2500
			267D i	114800

The gross production of all products will not exceed from 200kg/day. The existing capacity of the plant is 200 kg/day (66TPA).

S. No.	Product	Raw Majeriat (Herb)	Annual Quantity of Herb used for Extraction ( Tous )	Quantity of Final Product (Kg/Attitum)
1	Fassion Flower	Passifiora	<del></del>	— <sub>псо</sub> —
	Extract	Leaves		
ζ.	Soil Clover Extract	Red Cover		500
.ī. ·	Ferrala Extract	Femula	10	+5.5
		Committees Roots		•
•	Echicacea Extract	Fchmarea	<u> </u>	500
	!	Angestifolia	١	
<b>5</b> .	Pygeum Patraci	Prunos Aleicana	10	150
<u>Б</u>	Saladia Extract	Sulacia (tones	<u></u>	500
7,	Pelargoniu.m	Pelargunium	<del></del>	150
	EXTRACT	Ruos		
Θ.	Linge of	Singer Boots		1000
<del>,</del> –	16 % Acetyl	=axus Barrata	<del></del>	— <sub>150</sub> —
	Haccatin	Leaves :	1	
10	Colchienz	Glariosia i		23a

	<u> </u>	•	Superbo Seeds		
	11.	Nicotine EF/USP	Торассо Эрус	5000	124.00
	12.	Nicatine Polar dex/	Todaecu Dist	F Source	7 77-57
		Resulate			_
	: 13	Nicotine Dillycrate D. Tortrate	Enbacce Dust	la nouse	'jejid
	14	Нуовсатите	Cubosia Leuves	Inflease	
	"		· <u>:</u>	9250	77700
	567	мі ўумтнетас яворцо	TS PROPOSED TO BE	MANUFACTURED IN	THE FACTOR
	1.	Hyperane Butyl Browlee	Dubovia lienves	In he ase	15000
		Hyoscani ne Hydrobromide	Dobusta Leaves	n house	- 5g
	i   3	ji Stepstamine Sublate	Culicha Leaves !	Inchase	: "
	┊┆┞₄━	Atropule Salfste	Dubona leaves	to nouse	J#W
	j s.	! Zirneti opii m Branide	Duboria licavio	In house	·. ·.
		Mer Scopolamone Brounde	Jahosja Leaves	lp house	: EF
	1 1 5-	Vinpotebre	Vocanga Specis	300	1500
	i ! L	: Tanocolch cosme	Clumoses Superba Seeds	200	20.6
	į į . 9.	Digoxini i	Digitalis Laborato Legoes	60	7
	i 10.	llyserpine 	Hanwerfu Barengoa	36	700
	1 1	Enceoluse	Aceryl Glycyr chorenic Acia	10	6000
	12   12	Parhtaxel	10 Be Accept Baccolor	Tpi Oust	794
	13.	Jaretaxel	Til De Apetyl     Buccurin	Irdicuse	\$10
	16.	Homa Tropine	Trapine		500
	\   .	Meebyl Brachide	_ <u></u> i		<u> </u>
		Toul	76,970 Sq.m.	601	2007
Category of projectice.	<del></del> ~_	gory -B. Located in		rano Industrial	Áre.»

please speculy.						
. Does it attra	ct the : N	ia .				
specific condition	ı? If yes. 🔝					
please specify						
Location	· ·					
Plet/Survey/Kha	sra no. 🔯 5	P 2-5, RIICO Ind	ustrial A	rca , Phase	- · · · · · · · · · · · · · · · · · · ·	
Village		eetoraha	- —		<b></b>	
Tehs I		eemrana( Form	ally und	er Behror	Tehsil)	
District		lwar	~ —			·
State		ajasthan		<del></del> ·		
Nearest	Railway :	Particulars	Name		_	Distance, Direction
station/Airport	along!					(From Project Boundary
- with distance to k	(ms.   F	Radway Station	Март	Nangal	Railway	17.0 Km ENE
	ال		Stareng,	Нагузпа		
	:  _	Airport		ternational		96 02 Km NE
	. —	ource: • All dista		taken witl	respect to	SOI GT Sheet.
. Nearost "own,	77	Particu	lars	Name	Distanç	e. Direction
	inarters				(From I	Project Boundary)
along with dista	Ince in	Noarest Ci	ity	Neemsana	1.44 Km	NNE -
Kms.	i	Nearest Di	•	Alwar	15:.00 K	
·	: i _	ошгое: - All distar	nces are	taken with	respect to	SOI GT Sheet.
. Village Panchaya	١	Particulars	Nam		ddress	<u>.                                      </u>
Parisbad, Mi	unicipal   \	/illage Panchayat	Neer	тоала Ра	истаузт S	amiti Kendra, Main City
Computation, Loca	, i —	<del></del>	_   _• · -			War 30170S
(Complete	boson in	ila Parishadi	Alwa			r Colony, Sector 7, Alwa
address with tel	·	- funscipal	.		yasthan 30	
no to be given)	i .	orparation	Betr	- 1		orporation (Nagar Palika
		31 14313111311		- 1	1701.	rict - Alwar Rajasthan -
· Name of the applic	ant : Al	chem Internatio	nal Pvt. I			
Registered address	— <u> </u>		_		reagn Ros	d. Sultanpor, New Do.H
	, ' '	0030	,	001	Hasir Mai	а. закалриј, рем ос.п
: Address for corres					<u> </u>	
Name	<del></del>	ril Malik				<del></del> .
<del></del>	— · · · · · · · · · · · · · · · · · · ·					
Designation (Ow	ner / , · Vid	to President - Su	pply Cha	tin Manae	+nrent	·

Address	] : ]	(1) SP 2-5 , RIICO Industria, area - Phase 1, Noemrana, District- A.war						
		(2) Enkay Enviro Services Private Limited						
		92 Heera Nagar - A, Near Shalimar Bagh, Ajmer Road, Jaipur (Raj.).						
		302 021.						
Pio Unde	:	301705						
E-mail	:	suml_mahk@alchemate;national.com, jr:to@enkayenvire.com						
Telephone no.	:	91-1494-246996, 997						
Fax No	H	91-1494-246995						
16. Details of alternative		No alternative site was examined. The project folls on Survey of India						
i sites examined, if any,		toposheeting, S3D/A, $54A/5$ , $53D/12$ , $54A/9$ & $54A/1$ . The coordinates $\omega^*$ .						
Location of these sites	ı	the project site are as given under:-						
should be shown on a		NW NE						
Tuposheet.	!	Latitude 27° 58'29.28" M Latitude 27° 58'32.59 " N						
1 :		Longitude 7642314 691 F. Longitude 76426(10 041 E.						
		SE SW						
'		Latitude 27º 50'21.67" N Latitude 22' 58'18 47" S						
	I	Longitude 76°23'18 49° E   Longitude 76°23'10 41° I						
17   Interlinked projects		Nu anterlinked project						
18. Whether separate	:	Not applicable						
application of interlinked	I							
project has been	i							
submitted?		i						
19. If yes, date of submission	- <b>,</b> :	Not applicable						
. 20 lit no, reason	-ŀ	Not applicable						
21. Whether the proposal	+:	Not applicable						
involves approval/		] ;						
Clearance under: it yes		ļ						
details of the same and	ı							
their status to be given.		I						
i (a) The Forest	١,	i						
(Conservation) Act	.	!						
[19AD]?								
(b) The Wildlife		1						
(Protection) Act	-	i						
1972?	İ							
i (c) The CRX								
		<del></del>						

	Votification, 1991?
77	Whether there is any : Not applicable
	Covernment
	Crister/Policy
	relevant/relating to the
	s te-
	Forest land involved : None
	(hettares)
24	Whether there is any : Not applicable
	ingation pending i
	against the project
	and/or land in White the
	project as propose to be
	Set up?
	(a) Name of the Court
	(b) Case No.
	(c) Orders/directions of
	the court, if any and i
	its delevance with I
	ı
	,
25	project
65	Expected cost of the : Project Cost Amount (In Crores)
	project ; Existing 101.11
	Proposed 0.2395 (Expansion)
re an	
and	ocity corresponding to sectoral activity (such as production capacity for manufacturing, runing lease area availables connected for Manufacturing and activity (such as production capacity for manufacturing transfer area.
uziru	production capacity for mineral production, area for mineral exploration, length for linear transport.
	Structure, generation capacity for power generation atc.;)  CTIVITY
-i.	_
•	Construction, operation or decommissioning of the Project involving actions, which will cause
<b>S</b> .	physical changes in the locality (topography, land use, changes in water bodies, etc.)
	Information/Checklist Yes/No Details thereof (with approximate quantities /rates,
Vo.	wherever possible) with source of information data
	<del>-</del>

1.1	Permanent or	No	No change
!	temporary change on		
	land use, land cover or		
	topography including		
	increase in intensity of		
:	land use (with respect		
į !	to local land use plan)		 
1.2	Clearance of existing	No	No change
	lond, vegetation and		
	bucidings?		İ
1.3	: Greation of new land	No	No change
	i uses?		
114	Pre-construction	No	No change.
'	investigations e.g. bore		
į	houses, soil testing?		:
1.5	Construction works?	No	No change
1.6	Demolition works?	No	No change.
17	Temporary sites used	No	No change.
I	fur construction works		i
	or housing of		1
	construction workers?		!
1.8	Above ground	No	Nn change
	buildings, structures or		
i	earthworks including		
;	linear structures, cut		i
i	and fill or excavations		
1.9	Underground works	No.	i Not Applicable.
1.,	, including mining or		
;	tunneling?		
110	Reclamation works?	— <u>No</u>	Not Applicable
1.1	_: <del>_</del> -i	- <del>No</del>	Not Applicable
	! Offsnore structures?	No.	Not Applicable
1 13		<u>N:</u>	No cliange
1	   manufacturing		
	processes?		į.
			.!

1.15 Facilities for treatment. No disange of disposal of solid waste or liquid effluents?  1.16 Facilities for lung term housing of operational verifies during construction or uperation?  1.17 New road, roll or sea No No change traffic during construction or uperation?  1.18 New road, roll rail, air No No change waterhorne or uther transport infrastructure including new or altered routes and stations, parts, airports exist?  1.19 Closure or diversion of existing transport routes are of rastructure leading to changes in traffic thovements?  1.20 New or diversed No Not Applicable.  1.21 Impounament, camming, culverting, realignment or other changes to the hydrology of	1.14 Facilities for storage of goods or materials?	No	No change
housing of operational constructs  117 New road, rail or sea No No change traffic during construction or uperation?  118 New road, rail, air No No change waterborne or uther transport infrastructure including new or altered routes and stations, parts, airports ext?  119 Closure or diversion of existing transport routes ar of rastructure leading to changes in traffic risovements?  120 New or diverted transmission lines or pipeunes?  121 Impounament, No None camming, culverting, realignment or other changes to the	or disposal of solid waste or liquid	No	No change
traffic during construction or uperation?  118 New road, rail, air No No change waterborne or uther transport infrastructure including new or ultered routes and stations, ports, airports ext?  119 Closure or diversion of No No change existing transport routes be obtained to changes in traffic movements?  120 New or diverted No Not Applicable.  121 Impoundment, No None camming, culverting, realignment or other changes to the !	housing of operational	No	No change
waterborne or other transport infrastructure including new or altered routes and stations, ports, airports ext?  1.19 Closure or diversion of existing transport routes or of rastructure leading to changes in traffic riovements?  1.20 New or diverted No Not Applicable. transmission lines or pipeunes?  1.21 Impoundment, No None camming, culverting, realignment or other changes to the	traffic during construction or	No T	No change
1.19 Closure or diversion of No No change existing transport routes or of pastructure leading to changes in traffic movements?  1.20 New or diverted No Not Applicable.  1.21 Impoundment, No None  camming, culverting, realignment or other changes to the	waterborne or uther transport infrastructure princluding new or altered routes and	Nn	No change
transmission lines or pipelines?  1.21 Impoundment, No None  camming, culverting, realignment or other changes to the second sec	1 19 Closure or diversion of existing transport routes or of pastructure leading to changes in	Nο	No change
1.21 Impounament, No None  camming, culverting, realignment or other changes to the	transmission lines or	No -	Not Applicable.
watercourses or aquifers?	1.21 Impoundment, camming, culverting, realignment or other changes to the hydrology of watercourses or	No .	None :

1.27	Stream crossings?	No	None
1.23	Abstraction or transfers	No	No change
. !	of water from ground		
	or surface waters?		
1.24	Changes in water	No	No change
	lindies or the land		i e e e e e e e e e e e e e e e e e e e
. !	surface affecting		
Į.	dicainage or nun-off?		
1.25	Transport of personnel	No	No change
i	ot materials for		,
' i	construction, operation (		
	or decommissioning?		
1.26	Long-term dismantling	No	Restoration works for the project on long-term is an ongoing
. i	or decommissioning or		activity, which will not have any impact on physical environment
, [	restoration works?		I
1.27	Ongoing activity during	No	Not Applicable
Į į	decommissioning		:
	which could have an		İ
į ,	impact on the		
ı	environment?		
1.28	influx of people to an I	No	No change
	area in either		!
	temporarily or		i
j '	permanently?		
1.29	Introduction of alien	No	None
	species?		i
1.30	Loss of native species	No	No change
:	or genetic diversity?		
1.31	Any other actions?	Ne	None
_ <u></u>			unstruction or operation of the Project (such as land, water,
1			ny resources which are non-renewable or (n short supply):
S-No	Information/checklist	Yes/No	Details thereof (with approximate quantities /rates,
	confirmation	i	wherever possible) with source of information data
21	Land especially	λo	No additional land is required.
	undeveloped or	I	
		—	<del></del>

	agricultural land (ha)		T				
122	Water (experted source	No	No change				
	& compound users)						
	unit. KLD						
2.3	Minerals (MT)	No	No change		<del></del> -	<del></del>	-
2.4	Construction material -	Nn	No change			· ·	
	stone, aggregates, sand						
	/ Suil (expected source						
	M(T)	!	1				
2.5	Forests and timber	i <del></del>	Not Applicat	ole	<del></del>		<del></del>
	i (spurce - MT)						
2.6	Energy including	No.	Fuel	Existing	Proposed	<sup>†</sup> Total	<del></del>
	electricity and fuels		<u> </u>		Boller		
	(Source, competing		i —		noner.		
	users) Just: fuel (MT),		Natural Gas		4TPH	41 PH	
	chergy (MW)	:	/HSD	!		<u>.                                    </u>	
2.7	Any other natural	— <sub>.</sub>	No other sies	nificant reso	urre uther t	han above is u	
	resources (usa	:	i			nun accre is u	acu.
	appropriate standard		'				
	០៣ខាន)						
·- <del>-</del>	Use, storage, transport	! . handlin	g or producti	ion of subs	stances or	 materials, wi	uich could be
	harmful to human heal						
	to human health.						
<b>S</b> .	Information/Checklist	Yes/No	Details the	ereof (w	ith appro	 ximate ous	ntities/rates,
No.	confirmation		   wherever po	-		information :	
3.1	Use of substances or	No.	No change				
	materials, which are		į				
	bazardoos (as per		I				
	MSHIC rules) to human		l				
	health or the	,	•				
	environment (Лога,		İ				
	fauna, and water						
	supplies)	ı	l				
3.2	Changes in occurrence	No !	No change				· —
	of disease or affect	ı	_ 				
. —	·						

	disease vectors (e.g.		
	insect or water borne		
	- diseases)		
3.3	Affect the wellare of	No	Nn change
	people e.g. by changing		i
: i	living conditions?		İ
3.4	Vulnerable groups of		No Change
!	people who could be		
	affected by the project		
	e.g hospital patients,		I.
	children, the elderly		
į	etc.,		
3.5	Any other causes	No	No change.
4.	Production of solid was	es during	g construction or operation or decommissioning (MT/month)
5.	Information/Checklist	Yes/No	Details thereof (with approximate quantities /rates,
No.	confirmation		wherever possible) with source of information data
4.1	Spoil, overbuilden or	No	Not Applicable
	mine wastes		i
4.2	i Municipal waste ,	No	No change
İ	(domestic and or	l	
	commercial wastes)		
4.3	! Hazardous wastes (as	No	No change.
i	per Hazardous Waste	l	
į !	Management Rules)	!	i
4.4	Other industrial	No.	No change
!	prucess wastes.	ŀ	1
4.5	Supplus product.	No	None
4.6	. Sawage studge or other	No	No change
•	studge from effluent		
i	treatment.	i	!
4.7	Construction	No	No change
i	(lemolition wastes	!	
4.8	Regundant machinery	No	Nu change
I	or equipment	!	:
4.9	_	No	No change

-	other materials.		
4.10	Agricultural wastes.	No -	No change
411	Other solid wastes.	No	No change
, s.	Release of pollutants or	any haza	ardous, toxic or noxious substances to air (Kg/hr)
· 5. —	Information/Checkilst	Yes/No	Details thereof (with approximate quantities/rates,
· No.	confirmation		wherever possible) with source of information data
5.	denssions from	No	: SPM 15 to 20 ppm
	combustion of fossil		Nex< 300 ppm
	· fuels from stationary or :		, Sox -Nil
	mobile sources.		The existing stack height of the 30 m will be utilized for this
			proposed boiler
	· ::		Tu::
5.2	Emissions from	No	The process is under in closed loop with filtration equipment. All
	production processes.		material transfer is enclosed.
5 v	Emissions from	No	No Change
	materials handling		:
	storage or		
	transport		
5.4	Emissions (rom.)	No	No Change
	construction activities		
	including plant and		
	equipment		I
5.5	Bust or adors from	No	No Change
	handling of materials		•
	including construction		
	materials, sewage and		
	waste	!	
56	Linussions from	No	No Change
	incongration of waste	i	
5.7	Emissions from burning	No '	Not Applicable.
	of waste in open air	i	
	(e.g. slash materials,	:	
	construction debris)	i	·
56 1	Emissions from any	No	No Change
	other sources		
	······-	'	···································

6.0	Generation of Noise and 1	/ibratio	a, and Emissions of Light and Heat:
5,	Information/Checklist   1	řes/No	Details thereof (with approximate quantities/rates.
No.	confirmation		wherever possible) with source of information data with
			source of information data
6.1	From operation of	No	No Change
	equipment e.g engines.		
;	ventilation plant.		
	crushets		
6.2	from industrial or	Na	No Change
	similar processes		
6.3	From construction of	Nn	Nu Change
!	demolition		:
61	, From blasting or piling	No	None
65	From construction of	No	No Change
	operational traffic		No Change
6.6	From lighting or cooling	No	No Change
	systems		i
6.7	Promiany other sources	No	Not Applicable.
7.	Risks of contamination	af land	or water from releases of pollutants into the ground or into
	sewers, surface waters, p	roundw	ater, coastal waters or the sea:
5.	Information/Checklist	Yes/No	Details thereof (with approximate quantities/rates,
į No.	confirmation		wherever possible) with source of information data
7.1	From handling, storage,	No	No Change
	i use or spillage of		
	hazardnus matemals		<u></u>
7.2	. From discharge of	No	No Change.
	sewage ur other		
i	efficents to water or		1
	the land (expected		
	mode and place of		•
	discharge)		
7.3	By deposition of	No	No Change
	pollatants emitted to		i .
	air into the land or into		Į.
<u>i</u>	water	_	

7.1	From any other sources 1	Nn	: No Change
7.5	Is there a risk of long:	No	No Change
	term hold up of!		•
	pullutants in the		:
	environment frum		! !
	Toese sources?		! !
H.	Risk of accidents during	g construc	tion or operation of the Project, which could affect human
	health or the environme	nt	
S.	Information/Checklist	Yes/No	Details thereof (with approximate quantities/rates,
No.	confirmation		wherever possible) with source of information data
8.1	From explosions,	No	No Change
	spillages fines etc from [		
	storage, handling, use		
	or production of		
	hazardous substances		· :
8.2	From any other causes	No	None
8.3	Could the project be	No	No change
	artected by natural		
	disasters causing		
	environmental damage i		
	(e.g. floods <sub>e.j.</sub>		
	varthugakes, landslides,		•
	cloudburst, etc)?		
9.	Factors which should be	considere	d (such as consequential development) which could lead to
	environmental effects or	the poter	itial for cumulative impacts with other existing or planned
	activities in the locality		
8.	Information/Checklist	Yes/	Details thereof (with approximate quantities/rates,
No.	confirmation	No	wherever possible) with source of information data
9.1	Lead to development of	No	No Change
	supporting cities,		
	ancillary development :	į	
!	or development		
:	stimulated by the		
I	project which could	!	
	nave impact on the	:	· — · — · — · — · — · — · · — · · — · · — ·

	environment e gi:				·	
 	<ul> <li>Supporting</li> </ul>					
i	urfrastructure					
	(reads. power					
	supply, waste or					
	waste water					
!	treatment, etc.)					
	<ul> <li>Housing</li> </ul>					
İ	development					
	Extractive					
	industries					
:	Supply industries					
	• Other		! !			
9.2	Lead to after use of the	No.	Not Applicable			
	site, which could have !					
:	an impact on					
	envirunment					
93	Set a precedent for later	No	No Change			
	developments		•		_	
9.4	Have cumulative effects	No	None.		<u>_</u>	
	due to proxunity to					
	other existing or					
	planned projects with		!			
!	similar effects					
Till !	Environmental Sensitivit	y				
5.	Areas	Name /	Aerial distance (within	15Km)	proposed	location
No.		Identity	boundary			
1	Areas protected under	No	None			
	, international		1			
	conventions national	<u> </u>	:			
ļ	or focal legislation for	! !				
	their ecological,	ļ				
į	landscape, cultural or	i	1			
	other related value	<u> </u>	·			

2	Azeas which are		<b>S</b> -		d Forest	Distance	Direction
	important or sensitive		· i No	- ! 		(Km)	<u> </u>
	for ecological reasons -		_	· —		(from Projec	t Boundary)
	Wetlands, watercourses		1.	Neemras	a Reserved Forest	1 43	! <u>E</u>
	or other water bodies,		2.	Bacuad R	Reserved Forest	i 7.30	"\$W
	constal zone,				Water Body	/ River	·
	limspheres, mountains,		; T.	Sahibi or	Sabi Nadi	7.07	Sw
	forests		*500	irce: All disto	nces are taken with	respect to SOI G	T Sheet.
3	Areas used by	† <u>Yes</u> —	S.	Reserved	Forest	Distance (Km)	Direction
	protected, impartant or	İ	No	ļ	-	(From Project	L
	sensitive species of		<u>"L.</u>	Necurirana	Reserved Forest	1 43	T E -;
	Noru er fauna for	:	1,5	Baruad Re	scrved Forest	7,30	i
	preeding, nesting,		502	rce: All distu	nces are taken with	respect to SOI G	T Sheet.
	foraging, resting, over		İ				
	wildering migration						
1	laland, coastal, marine	None	The	e are no in	land, coastal, mar	ine or undergro	ound waters
	or underground waters				drus of the plant si		
5	State National	Rajasthan	┿	Km NW		-··	<u> </u>
	lipundarieș	- Haryana					į
6	Routes or facilities used	<u>.</u> <u>.</u> <u>.</u> <u>.</u>	No.	Particulars	Distance (Km)	Direction	<del></del> -i
	by the public for access				(From Project Bo	undary)	-
	to recreation or other!	ĺ	1.	NH-08	100 m		-
	tourist, pilgrim areas	·	- - - I	SH 14	9.02 Kn:	SW	<u></u> !
			٦	5H-15	12.34 Km	NE —	<u>-</u> i
		So	urce: /	ili distances i	ure taken with resp	eci to SOI GT Shee:	- – t
, 7 °	Defense installations	No		within 15 K			
li	Densely populated or	Neemrana	1.44	Km, Norta (	Population -7143)		·
	proje no asea i						
9	Areas accupied by	Name	_	·	Near Village(Km)	: Distance & D	Direction
	sensitive man-made	Medical Facil	lity	<del></del>	<u> </u>		——— ;   .
	land uses thuspitals, i	PEC Yaulanpo	эг		5.20 Km		<u>——</u>
	schools, places of	Government I		(CHC)	2.57 Km	- N	
	Aschaols, places of [						
	. 'i	Satish Hospita			Neeinrana (1 34)	NVF	<sub>I</sub>
	worship, tummanity	ESIC pisperisa		тіана	Neemrans (1.38)	NNE	
	. 'i	ESIC Disperisa City Hospital		тіана	1		 
	worship, tummanity	ESIC pisperisa	iry, Nee	·—  —	Neemrans (1 38)	NNS -	 

	T	School of Aer	onautics	Neemin	anu (t 31)	HNE
ı	<u>.</u>		School, Neemirana		na (960 m)	NNE
:	!		Primary School	<u> </u>	Inghpura (192	
:	i			metrs		
	1	Arya Vidhya .	Mandir	2.9K:n		. N
	ļ	Places of Wo	orship			
;	i	Mohan Lat Da	ayal Vinay Mandir	Neemr	ana (1.06)	INNE
I	j	Eliair a Daba	Mand.i	Neemn	ana (2 01)	NNW
	1	Recreationa	1 & Others			<u> </u>
		Negerrana fu	ort T	201		NNE .
		Now a Rotel		⅃		
į		Source: All d	istances are taken	with res	pect to SOI GT S	heeL
10	Areas containing	None	Name		Distance	
	important, high quality	I	<b>Неет</b> гапа ВІос	k for	Classified as	Over-exploited Zone do:
	or scarre resources		Groundwate: Reso	erroes	Groundwater	resources by CGWA, New
	(ground water		ľ		Dellai	
İ	resuarces, surface	i	i			
•	resources, forestry,					
į	•					
'	agriculture, fisheries,	' '	I			
	tourism, minerals)		!			<del></del>
. 11	Areas already subjected	None	There is no	9169 8	already Subj	ected to pollution or
l	tu pollution or		environmental d	amage v	vithin t <b>he</b> stud	dy area.
i I	environmental damage.	I	İ			
i	(those where existing					
I	tegal environmental	i				
	standards are exceeded)	I				
12	Areas susceptible to	Nune	As nor the 2002	Rureau	of Indian Star	ndards (BIS) seismic zone
12	:					ler Zone-IV. This zone is
I	natural hazard which	1		_		
İ	could cause the project	I	_	Damage	: KISK ZONC J	nd covers areas hable to
!	to present	1	MSK VIII.			
İ	enviconmenta)					
	, problems (earthquakes,		I			
	subsidence, landslides,		i :			
ı	erosian, floading or					
	extreme or adverse	1	!			
_	climatic conditions)	i	<u> </u>			

"I hereby given undertaking that the data and information given in the application and in the enclosures, are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any, to the project will be revoked at our risk and cost.

Date: 18.10.2019

Place: Neemrana

Signature and Name of Applicant

unil ស្ត្រីស្ត្រី

ice - Rresident Supply Chain

Маладетен

# APPENDIX -VI (See paragraph 6) Form-4

# APPLICATION FOR AMENDMENT IN ENVIRONMENTAL CLEARANCE

### APPENDIX -VI

### [See paragraph 6]

### Porm-4

### APPLICATION FOR AMENDMENT IN ENVIRONMENTAL CLEARANCE

1	Deta	ails of Pr	oject							
	]-a	Name o	f the Project (s)	'			onmental Clearai 'harmacoutical In			
:				1			30 <b>k</b> g. / Day to 73	•		
							Situated at SP-2			
		İ		1 1			agar, Tehsil-Nem			
:	:			1 1				talia. District		
<u> </u>	<u>i_</u> _	·		1 .!	-	nan Area – 769'		·		
	b. Name of the Company /			Alchem	Interi	national Pvt Ltd				
		Organiz								
	c _	i Registo	ered Address	. 201 Em	pire P	laza Mehrauli G	urgaon Road Sulf	tanpur New Bellu 		
	ˈd	Legal S	tatus of the	: Private	Limite	ed .				
	I	Compa	ny							
!	+e	Joint Ve	enture (Yes/No)	: Nu				<del></del> .		
:	-	If Yes,		<del>                                     </del>						
<u> </u> —	·!			. NA	NA					
		Partner	s(Multiple	i						
ı		Entries	Allowed)	İ						
	i Na	me of	Share of the JV	Address o	filie	Email Id of [V	Mabile No. of J	<del>v</del>		
	!   the	įγV	Partner	JV Partner		l <sub>3</sub> artner	Partner			
:	¦ Pa	rtner	:	:			i	:		
	' —	NA	NA	NA NA			NA.			
	H			–		<u> </u>	<del> </del>	$\neg$		
2	Ado	tress fo	r the correspon	idence			<u> </u>	<b>-</b>		
	а		of the applicant	1:	Suni	Malik —				
	15-	<u> </u>	ation (Owner /	<u> </u>	<u> </u>		oly Chain Manager	nent		
	! Partner / CEO)		i	1		, , <b>.</b>				
;- <b>-</b> -	<u>.</u>	<u> </u>		<u>!</u>	ļ	vias puro	Industrial ness	Phase 1, Neemmrana,		
	c.	Addre	55	i		nct- Alwar	Hittingtrial area ,	111030 1, 10 1.10.10,		
İ	1				1		_:			
	i	İ			1	rvices Private Li		- uh		
	<u> </u>	<u>!</u> .			14.45	неета Nадал - А ———————	, Near Shalimar B	agn, Almer Koall,		

ENKAY ENV

ENKAY ENVIRO SERVICES PVT. LTD., JAIPUR

		<del></del> "	lan	our (Raj.) 302 021.
	ď	Pin code	30	1705
	е	e-mail	<u>su:</u>	ii.malik@altheminternational.com.
		·	inf	o@enkay <del>a</del> nviro <u>.com</u>
	ŕ	Telephone No.	91	-1494-246996, 997
	g.	- Fax No.	91	1494-246995
Ē	Cate	egory of the Project/Activ	ity as per Sche	dule of EIA Notification,2006
	· a	Project / Activity		5(f)
	'	$_{_{1}}(1(a)(i)\neq 1(a)(ii)\neq 1(b)\neq$	1(c) / 1(d) / 1	
		$\lfloor (e) \mid / \mid 2(a) \mid / \mid 2(b) \mid / \mid 3(a) \mid / \mid 3$	8(b) / 4(a) /	1:
		4(b)(i)/4(b) (ii) / 4(c) /	4(d) / 4(e) / 4(	:0
		/ 5(a) / 5(b) / 5(c) / 5(d)	) / 5(e) /	
		5(0) / 5(g) / 5(h) / 5(i) / 5	$6(\mathfrak{p})  /  6(\mathfrak{a})  /  6(\mathfrak{a})$	)   i
		/ ?(a) / ?(b)/ ? (c) / ? (d)	/ 7 (da) /	l i
		[7(e)/7(l)/7(g)/7(h)]	/ 7 (i) / 8 <b>(a)</b> / 8	: [ ]
· ·		(b)		· 1
	Ь.	Category [A/B <sub>1</sub> /B <sub>2</sub> ]		. Bt
		i 		i
		If H <sub>1</sub> or B <sub>2</sub>	<del></del>	
		Reason for application at		`   ·   <del>"</del>
		State level (in case of B <sub>2</sub> p     If Others	rojects)	·
:		<u>:_</u> .	<u> </u>	
	e. d	Please Specify		<del>                                     </del>
	U	EAC concerned (for catego	fy A Projects	Industry-2
		only)  Cost Mesica Charles and M	l-:	i
,		(Coal Mining / Non-coal M. River Valley & Hydro	•	<u> </u>
i			/ :noustry-t structure-l	′.
!		Infrastructure II / Nuclear		/ ! 7
4 <del> </del>	Loca	ation of the Project	<u></u>	<u>-</u> .
٠.	a.	Plot / Survey / Khasra No		TSD 2 5 BUSO 1 -d
· —i	h.—	Village	·	: SP 2-5 RIICO Industrial Area , Phase 1
<u>:</u>	c.	Tehsil	<u> </u>	: Neemrana Formulli and Dahara Salara
į.	d.	District		: Neemrana( Formally under Behror Tehsil)  Alwar
		·	<u> </u>	
_	٠. 	State	·;	Rajasthan
	T	Pin Code		301703

	g	Bounded Latitudes (North)	·
		From	: . 27º 58'19 47" N
		То	: 27° 58'32.59" N
	h.	Bounded Longitudes (East)	
_		From	: 76°23'13.41" E
	•	`Te	: 76 °26'10.04" E
	į.	Survey of India Topo Sheet No.	: . 53D/8, 54A/5,53D/12,54A/9 & 54A/1
;	Deta	ils of environmental clearance	:
	Ā	Date of issue of environmental clearance	· 23rd July ,2018
	ь	MOEF&CC/SEIAA file na	F1 (4)/SEIAA/SEAC-Raj/Secit/Project / Cat 1(a
	ļ		BI (15361)/ 2019-20   dated 24/07/2019
		:	SEIAA No 309
	-	Upload EC letter (PDF only)	EC Letters are enclosed as Annexure-I
5	†:··-	: Details of Consent to Operate	
	(i)	Whether Consent to operate obtained	Yes
	İ	(Yes/No)?	' :
	$\top$	It yes,	CTO for existing Valid upto
	İ	!	production of herbal 30/04/2023
		i	extracts & its purified
	ı	!	products was issued vide
			letter no. F (Toch)/
	1		Alwar
	İ	I	(Alwar)/4073(1)/2018-
			2019/4767-4769
		i	dated30.10.2018
	: (if)	Upload Copies of all Consent to operate	Consent to Operate since inception are enclosed
		obtained since inception (Upload pdf	herewith as Annexure-III
		only)	
	⊣. (iii)	Date of issue	<del>,</del> і
	(iv)	Valid up to	
	(v)	File No.	
	-  <sub>(vi)</sub>	Application No	<del> </del>
	(vii)	Upload Copy of Consent to operate	Consent to Operate are enclosed herewith as
		valid as on date (Upload pof	Annexuce-li
		only)	<u> !</u>
	:	ENKAY ENVIRO SERVICES PVY. LTD., JAIPUR	
	4	ОСТОЯЕК 2019	25

		CTO for existing	Valid upto
	:	production of herbal	30/04/2023
		extracts & its purifieri	
	;	products was issued vide	
	i	letter no. F (Tech)/	
i		Alwar	
		(Alwar)/4073(1)/2018-	
•		2019/4767-476 <del>9</del>	
		dated30.10.2018	
7 A	. C	A 1 41 1 2 2	

7 Amendment sought for: amendment in : configuration/Amendment in clearance ; condition/other (specify) Amendment in the existing environmental clearance (with no increase in production capacity) by installation of a new 4 TP(1 gas fired/HSD fired boiler, this will have additional benefits in terms of reduced pollution level. This Natural gas fired boiler will be mostly utilized during the month of October to December in each year to reduce the pollution level. Rost of the period existing Agro husk Boiler (8 TPH) will be utilized.

8 | Details of product (as per approved EC)

Product/Activity	Quantity	Quantity To	Unit	Mode of Transport /
(Capacity/Area)	From	(EC obtained)		Transinission of
•	(Existing)			Product
Herbal Extracts and	200	735	Kg/Day	Trucks
Active			!	
Pharmaceutical				
ingredients	:			

Upit:- (Tons per Annum(TPA), Mega Watt(MW), Hectares(ha), Kilo Litre per Day(KLD), Tons Erushed per Day(TCD), Cubic Meter per Day, Kilometers(Km), Million Liters per Day(MLD), Others)

 Mode of Transport/Transmission of Product (Road, Rall, Conveyor Belt, Pipe Conveyor, Arial Ropeway.combination of two or three modes, Others)

9 Details of Configuration (Multiple Entries Allowed)



i	Plant /	Existing	Prop	used	Final		Remarks :	
	Equipment	Configuration Configuration		ration	ion configuration		lf any _	
i	· / Facility		!		after		:	
	·				Expans:			
İ	Herbal Extracts	750 kg/day	: N	il	735 kg/s	lay	:	
! İ	and Active				<b>:</b> :			
ļ	Pharmaceutical		I		İ			
	Ingredients		<u> </u>		<u> </u>			
0 Rea	sons for amendu	ient: installation o	f new Nati	ıral Gas/I	HSD fired Boi	ler of G	apacity 4 TPF	 1
Any	other amendme	nt required						
R	eference of	Description	สร	Descrip	tion as	Rei	marks	
!! ធ	pproved EC	perapprove	d EC	per pro	posal	:		
:N	II.	<u> </u>						
						·		
IZ Det	ails of EIA Consult	ant	- :					
a.	Have you hired Co	onsultant for prep	пагіл <b>є</b>	: Yes				
	document(Yes/No	a)?						
<u> </u>	11 No.							
†	(i) Reason for not	engaging the Cor	isultant	:  -				
-	If Yes.		· •	' 1				
	(i) Accreditation N	10.	!	: NAB	ET, QCI, Accre	edited 9	8 No. 43, List	of
			i	Accr	edited BIA Co	nsultar	et Organizatio	ons (as
			:	lor Se	eptember 05.	2015)		
	(u) Name of the El	A Consultant	- [	- Enka	y Envisa Sen	vices Pv	n Lid	
<u> </u>	(ni) Address			92 11	eera Nagor A	, Near !	Shahmar Bag	h, A,mer
į	I			Roar	l, Jaipur -302	021		
<del></del> ·	(iv) Mobile No			: 093	14363996			
- !	(v) Landline No.			: 0143	<u> – 4920770,</u>	492077	7 L	
	(vi) ∃-mail td			. info	Denkayenvin	o.com		•
	(vii) Category of Ac	creditation (Eligib)	le tor	: Cate	gory A			
-	Category A / Eligib	le for		'				
	Category B)			ı				_
<u> </u>	[viii] Sector of Acc:	reditation		:   21				
:	(ix) Validity of Acu	reditation		: <u>'Upt</u>	5 15.11 2019			—.

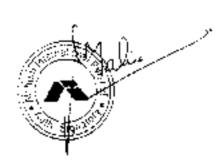


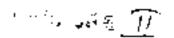
(x) Upload Certificate of Accreditation	Copy of the Certificate of Accreditation
certified by QCI/NABET (Upload	certified by QCI/NABET is enclosed as
; pdf Only)	Annexure-VI
13 Documents to be attached	
1 If Project Type is New / Expansion / Modernizati	on / one-time capacity expansion —for coal
miningi	
a. Upload addendum to DIA/EMP Report	Copy of the addendum to EIA/EMP Report is
<u>:</u>	uploaded-Annexure-V
b. Opload Copy of revised Feasibility Report/	Not Applicable
Detailed Project Report (DPR)	i
/Detailed Engineering Report /Detailed	
Conceptual Plan / Approved Mining Plan (19	
case of Mining proposals) (Upload pdf only)	
c. Upluad Copy of Final Layout Plan (Upluad )	Plant layout is given in Addendum EIA Report
pdfonly) j	
d. Upload Cover Letter fluly signed by the	Cover letter has been uploaded.
project proponent or authorized person	!
(Opload pdf only)	
e Upload a copy of authorization letter duly	Authorization letter is enclosed herewith as
signed by the project proponent in	Annexure-VII
support of the person making this	:
application to make application on behalf of	•
the User Agency (Upload pdf only)	j
f. Upload Additional File, if any (Upload pdf only)	<del></del>

### 14 Undertaking

a. I hereby give undertaking that the data and information given to the application and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity / construction / expansion has since been taken up.

:	ъ -	Name	:	Sanil Makk
. ;	c	Designation	:	Vice President - Supply Chain Management
	d.	Company	-: -	Alchem laternational Pvt Ltd
! '	е.	Address	:	1) SP 2-5 , RFICO Industrial area   Phase 1   Neontralia.
į				District- Alwar
		•		2) Enkay Enviro Services Private Limited
				# 92 Beera Nagar - A, Near Shalimar Dagh. Apmer
		:	 	Road, (aipur (Raj.) 302 021.





### State Level Environment Impact Assessment Authority, Rapischai

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## SPECIFIC CONDITIONS

- The Lot is a social for the proposed expansion of production capacity from 200 kg per if a common kg per day with change in product only for attanulas turing of herital extracts and social fluorinaceores. Ingredients are per data is mentioned in a base take.
- 2. The PP shall obtain Consent to I stablesh and Operate Stero the Rajasthan State Pocution Control Board under the previsions of the Water (Prevention and Conarsol of Pollutions Act. 1972) and Are (Prevention and Control of Poliulous) Act. 1981. Sefore carrying an production activity.
- 3. The PP shall make compliance of the provisions of the Environment (Protection) Act, 1986 and the rules and notifical arts issued thereinner.
- 4. This Is Consistent from the environmental angle only, and does not also be the project proposed from the other sociatory obligations presented under any other and or any other assertions in force. The sociand complete responsibility, to comply with the conditions and down in all other laws for the time-being in force, tests with the industry time project proposed. Any appeal against this confrontential clearance shall be with the National Colon Lubanal, if preferred, within a period of 30 days as presented under section 15 of 60. Not oval Orego. Tubunal Act, 2000.

5. As continuited the PP shall earmork and speed in unionities Rs. 21. The Land experience of and Rs. 75 no Lees per uniform recipions and towards various enquiry region processures and emplementation of courses according to trouble under Europeanage Management;

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- 6 The PP shall estimate and spend an amount of Rs 38.25 (see as CSR matter) News, a per the proposal submitted and the decreted septon plan be separated to PS 50 E 1 (1) is seeking CTT.
- For all water demand for proposed experience (PLS), 297, KLD these relative of the KLO and the recorded water demand is 0.1 KLD). The necessary process is a second second mediant submitted as RSPCB. For world propagation is a second well-statement and submitted from CGWA shall be taken.
- So The industrial waste water will be never in 1.13 and No KLO capacity of the state RO plant keeping zero hap a discharge (2) in words on the industrial product of waste water in confing tower. The RO resect was converted beat because in a confing tower. The RO reverse (2011) product of the following of the constitution of the LL (RO) and will be a complete to product or the LL (RO) and will be a complete to product or the research of the product of the following product of the control of the following between the product of the control of the metalliphone of the RO B. between the product of the control of the supervised of the memory between the product of the control of the RO B. between the product of the control of the supervised by the supervised of the memory of supervised the specific control of the RO B. between the product of the control of the supervised waste waster shall contour to the memory of supervised control of the supervised product of the superv
- 9. As inteads committed by the project proponent Zero Liquid Discreptions on the extension waste treated water shad be discharged outside the orientees.
- 10) The project proponent shall provide online corresponds absolute and a left in the install web camera with night vision capability and flow motors in the converse critising efficient within the premates.
- ii I to domestic waste water will be treated in soft of 2.1 kg. Disciplination and in the continuing to prescribe standards with the used too plant to minute the product of disciplination and in the production.
- (2) The filtP, SQP and RG shall before separate from veter and preciously made for any time of the same shall be mainteened.
- 13. The PP should moved out got 4 mount personneme wells in the microscopic of social social wells should be decided to consultation is to the Regional (10%), a model to the mount of the well-should be obtained to the companies.
- i.) Process efficient any wastewater shall not be drawed to a recovery a recovery of water from the precises shall be collected and discharged through a secretary conservasystem.
- 45. The Pf shall achieve the stack errossion standards and archient are attracted procession under E. P. Rules 86 and its subsequent intendencers.
- 16 The height of the stack for distractment of the process emissions shall not be less that 30.00 Mas, from ground lever.
- 17. In case of coal fired funds the PP shall explore the possibility of use of gas-
- 18 The particulate matter and gaseous emissions (SO<sub>2</sub>, NO<sub>3</sub>, CA<sub>2</sub>) Or Chygrer ment and processes attity storages, Mail confirm to the standards presented by the State Following Control Board. Central Pollowing Control Board or under the University ment (2005) for Rules 86 from using to tent.

- (a) Ling the jee. Proposent shall provide orbite containing mornioring system of all the stape. stacks (it approachly to per the CPCB guideline and cosme connectivity of the same sym-Combac RSO Bacter
- 15. We no type the grassing country of heavy differ prescribed sandards. In the event or fallure of any policion control system adopted by the aims, the interstable contectately personorthogonal and shall open as an audi the courtournessages are recitied to aghieve the desired
- After a more country isometoring stations shall be set up in the down would direction as were as a here resummer ground, ever concentration of PM at PMS, SO, NO, CO, CO, CO, and soft and a first control and another the Rapastation State Production Common Gound
- is North and Northern Knorff and some some Standards resulted by the Monstey canot, soft Survival of the Association Service and Associated Sections of with
- the free content groupes extend and career our regular hardroning of an emissions of source to be is any major and compagn as could assessment of performance of Air pollution closes
- an object of the samp and documes shall be provided for the stacks emissions monitoring as per di a 90 al paniernes. Stuck emissions suail be montored a consideration with RPCB
- 2. The PP 3 is above the Safety, Health & Day tremport (SIII ) Plan and submit to RPLB
- In Data or an some in quality and stack emissions shall be submitted to RPCH, once in as to the content of the Alega S. ABI, CPUB, Cont. Laproporting
  - the first the control with some of the regional distlets to the the precipitors that the shorts water of the firm the contact which providing
- and the control of the approper action without Radistrius State Pollution Control along the  $^{6}$  gas on the case waste waste content of the pure section (PM M  $^{3}\mathrm{Re}\,2008$
- In many manufacture states and transportation of hazargons chemicals shall be in Leondance with the Viantagorie, Storage and Import of Hazardons Chemicals Rules, 1980
- the following measures for the control of mass, shall be taken so as to keep to, noise a veof weight any extensions work continuously. Persons working cent the machines staff by promised in the well-designed conmuttly plugs and other personnel protective equipments
- to Somanty that yes seem and streamed proceeding for transmitting the information on the occurrence of an accident to the proper focal poear shall be established
- 37 If forty shall be made to increase given belt all around the premises. Native plant species shall Se selected for this purpose in consultation with the local Forest Department A green perf development plan be prepared and implemented so as to cover at least 33% area of the
- (3) The FP soull provide stacks of adequate height at the proposed one D.C. Set CX1000 KVA) along with acoustic enclosures for noise council as per CPCH gualetines. The DG Sets some comply with the names not field under Interconnect (Protection) Act, 1986
- 34. A qualified person, a the field of environment of separate Livermaniquial Management Cell to be established to employees and earry out various functions is set up under the control of a Senton Executive who will report directly to the head of the project
- The P.P. shall provide at necessary facilities like health facility, sanitation facility, fuel for conking, safe demking water, medical camps, and toilers his women, crecke for infants etc. For foresteros. As proposed the PP shall carmack and spend in amount of Rs. 5 lie as capital cost and Revito's as annual recorning cost for Johnse Affairs



- 36 The PP will ensure that no employee or worker remains on duty waters me grant even for more than 8 hours per day in one sweet-him normal conditions. For cover based, in presence of person and martienting tasks, received as the provided as per the Parasit and provides for presented deployer for grant tasks.
- 31 The tands carmarked for the environmental projection measures shall be kept in contrast account and shall not be discreted for other purposes and year wire expending only reported to the Rajaschin State Polluno's Control Board ander the rates prose to a contrastmental addit.
- 38. The Periodical medical checkup of the conkens and By date is soon only to the conmission sed and others of fluorine of manual health neither production of consideration.
- Fig. The PP shall ensure the new FC (20 miles with nothing storage) in completion of the most sure of the most storage of the most sure of the storage of the most sure of the storage
- 4. The ScANN Randsham reserved the algorithm of a specific properties of a grant of a grant of the specific properties of a properties of the specific pr
- 44. The PP shall obtain prior clearance from lonestry and wild life a record; for each form is ording constitute at Newton, or our errors of the large greater and a covered that grant diffusions a recessary implies that to record and the cleanance Shall be granted to the project and the properties of the project and the properties of the major and the extraord with the considered by the resolutive authorities at their major in the toyon. The investment means in the project at any based of EC so points, in an angle of contact both to established the right shall be comely at the contact both to established this report to one of our
- 42 The protect proponent shall comply with the process as appropriation of the conditional state of the protect of the property of the condition of the property of the proposed of the proposed of the proposed of the proposed of the proposed of the proposed of the protect of the process of the protect of the process of the protect o
- The company shall have a well by didown covarimental policy dals, appears a significant foresters. The onvertimental policy should prescribe for standard a periodic process as a finite bring may begin an inflingements deviation stollands of the environmental library well-fine norms a contain. The company shall have defined system of reporting effingements deviation and finest wildlife rooms conditions and or shareholders as debalders. The sypy of the board resolution in this regard single be substituted when Molices are part of symposibly report.
- 14. A separate foreinness and Cell both at the process and company bead quarter as et well qualified personnel shall be set up ander the control of section ("xecurity) who cell do not to the head of the organization.
- 45 Action plan for unplementing EMP and environmental conditions along with responses to matrix of the company shall be prepared and stall be dely approved by a meet of authority. The year wise funds earmented for environmental protection ingestion of all by kept in separate account and not to be diverted for any other purpose. Year wise propried of implementation of action plan shall be reported to the Ministry Pegrongly (Park or example the Six Modelly) complementation.

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are Solv early to obe offer solutional the B. B. be conducted and traffy. If very three years board probe environmental unite shall be carried out.

# Gesteral Conditions:

- 3. Provide a comment of the encountry the largic order and does not absolve the project project or which is a control of the project bed under any other large other asstration to these transfer and the following respectively to comply with the congruents had by an anti-other base surplustration of the project of the
- The control of the control of the control of proved and the variety out on, the principal of special special special special special control of the control
  - Region of the following sections are some formular distribution places of a figure according to the Major Accordin
- (i) Problem is the control of the explosion of the respective of the problem of the explosion of the control of the relative set the explosion of the relative set the explosion of the explos
  - the process of the residual reference Mold Regional Collect of Energies. (RSPCH, 4-Pr.B., 8143-V.) Experience of the regions of the region of the region of the region of the region of the region of the region of the region of the region of the region of the region of the region of the region of the region of the region of the region of the region.)
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  - Proc. Virtue of the control of the conditional endergial massings sales resits to leave the consists of the control of the con
- The proper procedural should advertise in a frast two local Newspapers which coemisted to the region of a constant state of the semantial in an anguage interning that the proper has beginned order to drawn and a features and copies of cleanance forests are available with the Rajesthan State Indianon Compositionary and may also be seen on the website of the RSPCB. The advertisement should be made up to a casys from the day of issue in the cleanance letter and a copy of site same should be cleanance of the day of the sequence of Rajesthan, Japan.
- The cond-need of EC chall be enforced almong others under the provisions of water (Prevention and Control of Pollution). Act, 1974, the Art (Prevention and Control of Pollution). Act, 1981, the Pollution along with their among the Pollution and the Pollution (Prevention). Act, 1981, the Source along with their among ordered and the Pollution.
- The PP shall obtain prior elements from forests, and wild hale angle including clearance from structure communities a National electron of Wild Line has applicable). It is further caregorically states that project has fact proposed for forests, and wild fall electrance shall be granted to the authorities on their merits and decision taken. The investment roads in the project, if any based on CC.



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(Dr. D.N. Patidies) Monther Securitary, SUPAN Rajusthan

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- 8 Environment Management Plans Direction, Monorang Cel. Uncommunitation of Administration of Administration. Governot India, India, Polyavarar Hhawan Jos Rayl, Posid, Metern News, John J. 1964.
- 9 Mi Jachn Singa Manial, ACP, Department of Environment Covernment of American Japana. the disection to optimatibe copy of this businessment that once on the website

M.S. SLIVA (Ragasthan)

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#### ALCHEM INTERNATIONAL PVT. LTD

AT # SP Z-5, RUCO INDUSTRIAL AREA, PHASE 1, VILLAGE - NEEMRANA, TEHSIL - NEEMRANA (FORMALY UNDER BEHROR TEHSIL), DISTRICT - ALWAR, RAJASTHAN-301705

Project Area: - 76,970Sq.m. (No additional land is acquired)

Existing Capacity: 200 Kg/Day, Proposed Capacity: \$35 Kg/Day; Total -735 Kg/Day

Study Period: - October -November- December (2017)

Project Cost: -Existing- Rs.101 11 Crore.; Proposed Amendment - Rs. 0.2395 Crore.; Total -101.3495Crore.

EC granted: No F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a) B1 (15361)/ 2019-20 dated 24/07/2019

## NO INCREASE IN POLLUTION LOAD

Applicant: - Alchem International Pvt Ltd

Authorized Signatory: -Sunit Malik (Vice President - Supply Chain Management)

SP 2-5, RIICO Industrial Arca, Phase 1, Neemrana, District- Alwar

Email: -sunil.malik@alcheminternational.com,

nksingh@alcheminternational.com

91-1494-246996; Fax No.:-91-1494-246995



# ENKAY ENVIRO SERVICES PVT. LTD., JAIPUR

Accredited EIA Consultant Organization by NABET, QCI, New Delhi at S. No. 43 in MoEF&CC List of Accredited EIA Consultant Organizations (as September 05, 2019).

Validity. - Up to 15.11.2019.

Corporate Office: - # 92 Heeta Nagar - A. Near Shalimar Bagh, Ajmer Road, Jaipur (Raj.). - 302 021

Phone: +0141-2354997, 2353996

Email. - infu@enkayenvirn.com; Website: - www.enkayenviro.com

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#### NO INCREASE IN POLLUTION LOAD.

Project	Amendment in existing Environmental Clearance obtained of "Herbal
	Extracts and Active Pharmaceutical Ingredients" (Expansion Capacity -
	from 200kg. / Day to 735 KG/Day) of Alchem International Pvt. Ltd
	Situated at SP-2-5, RHCO Industrial Area, Neemrana Nagar, Tehsil-
	Nemrana, District - Alwar, Rajasthan, Area – 76970 SQM
Area	76,9705q-m
Applicant	Alchem International Pvt Ltd
Objective	Evaluation of no increase in pollution load due to installation of a new 4 TPH gas
	fired/HSD fired Boiler
Evaluation By	Enkay Enviro Services Pvt. Ltd., Jaipor (Raj.).

Alchem International Private Limited has proposed an amendment in the existing environmental clearance (with no increase in production capacity and plot area). The environmental clearance of the existing project was accorded by SEIAA Rajasthan vide its letter No F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a) B1 (15361)/ 2019-20 dated 24/07/2019(Total capacity after expansion is 735 kg/day).

It is proposed to Install a new 4 TPH gas fired/HSD fired Boiler, this will have additional benefits in terms of reduced pollution level. This will reduce the water consumption in Boiler from 50 KL to 30 KL. There will additional change in extraction of Nicotine extraction media. Various water conservation measures to reduce the water demand is being applied by the unit consistently. The intend to use this boiler is to rurh the impact of air pollution in the post monsoon period accounted due to Adiabatic Lapse Rate leaving the particulate matters suspended resulting into Smog, in order to avert this situation, the Management intends to cut down the pollution load. Rest of the period existing Agro husk Boiler (8 TPH) will be utilized

The amendment in existing EC is planned in existing plant area 14,527 Sq.M. out of 76,970 Sq. in total land area. No additional land is required.

#### 1.1 PRODUCTION CAPACITY

There is no increase in production capacity envisaged in the project. To support the same, copy of Environmental Clearance, copy of Consent to Operate are enclosed as Annexure – 11-A.

APPLIÇANT, ALÜHEM INTERNATIONAL PVII. LTD DOCUMENT NO.: EESPL/AILNEEMRANA/DOZ/EC/Ind /2016-17/420

S.	Parameter	Details	Pollution Load/					
Ny.			Remark					
1	Production	As per the Environment Clearance accorded vide	There will	be по				
		letter no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat.	change	in				
		1(a) B1 (15361)/ 2019-20 dated 24/07/2019 with	production.					
	I	production capacity of Herbal Extracts and Active		1				
		Pharmaceutical Ingredients 735 KG/Day, Enclosed as						
		Annexure -!.						
2	•	CTO for existing production of herbal extracts & its						
		purified products was issued vide letter no. F (Tech)/						
ا ا		Alwar (Alwar)/4073(1)/2018-2019/4767-4769						
ı		dated30.10. 2018.Enclosed as Annexure -If-A		ļ				
3		Consent to Establish for the expansion project has .		İ				
		heen submitted to RSPCB. Enclosed as Annexure-II-B						

# 1.2 SAILENT FEATURES OF THE PROJECT

Ş.	PARTICULARS	DETAILS						
No.								
1	Nature & Size of the	Amendment in existing Environmental Clearance obtained for						
	Project	expansion of Production Capacity with change in the product '						
ı		Mix for Manufacturing of "Herhal Extracts and Active						
	I	Pharmaceutical Ingredients " (Expansion Capacity - from						
l	I	200kg. / Day to 735 KG/Day) of Alchem International Pvt. Ltd						
ļ		Situated at SP-2-5, RIICO Industrial Area, Neemrana Nagar,						
	ı	Tehsil- Nemrana, District - Alwar, Rajasthan.						
2.	Category of the Project	"A".						
3.	Location	As under:-						
l I	Village	SP 2-5, RIICO Industrial Area , Phase I						
		Neemrana						
I	Tehsil	Neemrana (Formally under Behror Tehsil)						
	District	Alwar						
	State	Rajasthan						
4.	Latitude & Longitude	The geographical location of the area is as under:-						
		NW KIR -						

DOCUMENT NO.: EESPI./AIENEEMRANA/002/EC/Ind./2016-17/420\_

,		Latin	tude 27º 5	9'29.2A	* N	Latitude 27	58'32.59" N	
		Long	gitude 76 <sup>°</sup>	23'4.65	i E	Longitude 2	6926110.041	Εļ
!	!		S	<b>Æ</b>	¬		SW	_
1		Lati	tude 27º 5	8 21 67	"Ñ	Latitude 27	™5#18 471 N	
		Lan	gitude 76	23187	1 <del>9,</del> E	Longitude (	76 "Z3"13.41"	K
Toposheet No.	53D/8	, 54A	/5.530/1	2,54A	/9 & 54/	<b>A/1</b>		
5. Project Details					_			
Capital Cost of the	Existin	ıg. R	s.101 11	Стаге	. ; Prop	oosed Ame	ndment - P	₹s. 0 2395
project	Crore.	; Tota	d-101.34	95 Cra	re			
Cost for Environmental	S.		Environm	ental	Fo	rr EC grante	lfter	
Protection measures	No.	Pro	tecton M	leasure	<sub>25</sub>		Ame	ndment
Capital	I.		Capita	al .	R	s. 711.75 lac	No.	Change
Recurring	1 <sub>2.</sub>	<del></del>	Recurr	ing.	, Rs.	75 lacs/Ann	um No	Change
6. Project Requirement								
Area	Total	_ Lease	Area	T76.	970Sq.m			- —
71174	: 			126	[70 SQN	. —		
	Green				_		III Davler (	roch water
Water Requirement								
(KLD)					KLD 47	NILD WARE	r Will be rer	yerea aree
·			with ETP	_				
Water Source	<u>!</u>	ng bo	re well a					
Power Requirement	i			Power Consumption			Total	
,	1	-	S. No.			nprise	Total	
(MW)		-  -	1.	Existor	R.	nptice	2000 kVA	
.		-  -		Exister	sed	nption	2000 kVA Nil	
(MW)	 	-     	2	Exister	sed otal	_	2000 kVA Nil 2000kVA	Remarks
.	 	-   	1.	Existar Propo	sed otal	No of Person	2000 kVA Nil 2000kVA	Remarks
(MW)	 	-   	2	Existar Propo	sed otal	No of Person	2000 kVA Nil 2000kVA	Remarks
(MW)	S. No		1. 2. Category	Existor Propo T	sed otal	No of Person	2000 kVA Nil 2000kVA	Remarks
(MW)	S. No	Perm	1. 2. Category	Existor Propo T	sed otal	No of Person Proposed Amendme	2000 kVA Nil 2000kVA ns Total	
(MW)	S. No	Perm	1. 2. Category	Existor Propo T	sed otal existing	No of Person Proposed Amendme	2000 kVA Nil 2000kVA Total nt 67	local
(MW)	S. No	Perm Skille Sem	1. 2. Category nanent Sta	Existor Propo T	sed catal existing	No of Person Proposed Amendme	2000 kVA Nil 2000kVA Total nt 67	Socal people
(MW)	5. No	Perm Skille Sem	1. 2. Category nament Sta	Existor Propo T	67 106	No of Person Proposed Amendme	2000 kVA   Nil     2000kVA     Total     67     106     47	Local people will be

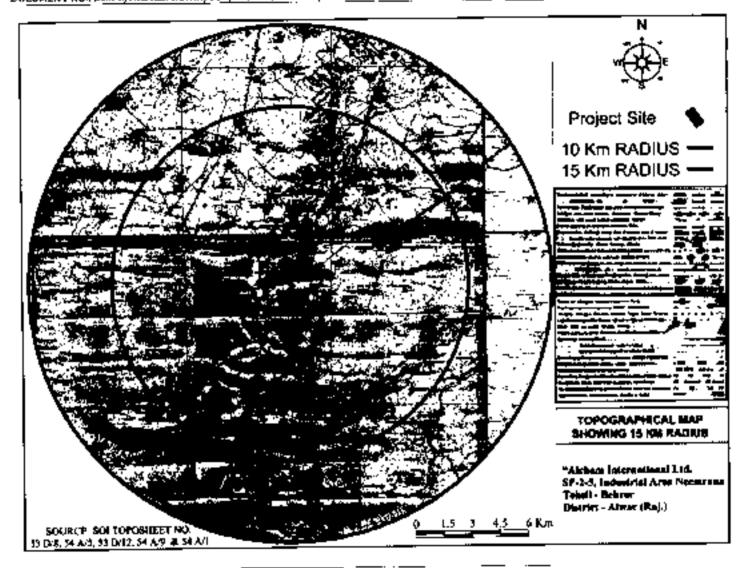
APPLICANT: ALCHEM INTERNATIONAL PVT LTD.

DOCUMENT NO.: EESPL/AILNEEMRANA/007/EC/Ind./2016-17/420

Nearest National		S. No.	Parti	culaes	Dista	ince (Km)	Ofrection
Highway/State Highway					(Fro	n Project Bo	undary)
		1	NH-0	ខ	100 a	n	5
	-	2.	SH- 1-	4 —	9.02	Km -	sw
	:	3.	SH- ]:	5	12.34	Km .	5E
	Source: • A	ili distr	nces o	re take:	ı n with	respect to Go	ogie Earth.
Nearest Town/ City	<del> </del>	- —		-		<u> </u>	
	Pa	articula	ırs	Name	$\overline{}$	Distance, Di	rection
						-	ct Boundary
	Near	est City	,	Neemra	ana	1.44 Kin NNE	:
	Near	est Dis	trict	Alwar	T	51.08 Km SE	
	*Source: - A	III dista	ITCES O	re toke	a with	respect to Go	ogle Earth.
Nearest Airport	Defhi Inter	nation	a) Airp	ort - 9	6 02 K	im, NE.	
Nearest River	Water Body/ River						
	1. Sal	ibi or !	Sahi Na	di Tze	<sub>07</sub> –	S	w -
	i: : *Source: • A	Ul dista	IHCES O	re taker	with	respect to SO	I G T Shoot
Reserved/ Protected			rved F		_	stance (Km)	Direction
Forest within 10 km	No.						
radius	1.	Nour	17 17 18 18 18	Reserved	- 1	Fram Project	¬ <del></del>
1 40103		Fare		eserveu	'	1.43	E
		l	ad Nesi	4			
	ļ   *·	Fores		-reed		7.30	SW
	.c. L	l			٠		<u> </u>
Feeleghal Civi					with I	respect to 50:	G.T. Sheet.
Ecological Sensitive	None withi	ın 10 K	m rad:	lus.			
Areas							
Seismic Zone	As per the	2002	Вшгеат	of Indi	ían St	andards (B15	) seismic zo
	of India, the	e regio	n com	es unde	r Zon	e-IV. This zor	ne is called t
	Damage Ris						

APPLICANT: ALCHEM INTERNATIONAL PVT. LTD

DOCUMENT NO.: FESPI./AILNEMMRANA/002/EC/Ind./2016-17/470\_





#### 1.3 EXISTING AND PROPOSED CAPACITIES

DOCUMENT NO : EESPL/AILNEEMRANA/003/EC/Ind./2016-17/420

S. Nu.	Unit	Existing EC Granted Capacity	Proposed Additional Capacity	Total Capacity after Expansion		
1.	Alchem	Herbal Extracts	Nil	Herbal Extracts		
	· International Pvt Ltd	and Active j		and Active		
		Pharmaceutical		Pharmaceutical		
	!	Ingredients 735		Ingredients		
		Kg/day		735 Kg/day		

#### 1.4 REASON FOR AMENDMENT IN ENVIRONMENT CLEARANCE

- It is proposed to install a new 4 TPH gas fired/HSD fired Boiler, this will have additional benefits in terms of reduced pollution level.
- This will reduce the water consumption in Boiler from 50 KL to 30 KL. There will additional change in extraction of Nicotine extraction media. Various water conservation measures to reduce the water demand is being applied by the unit consistently. The intend to use this boiler is to curb the impact of air pollution in the post monsoon period accounted due to Adiabatic Lapse Rate leaving the particulate matters suspended resulting into Smog, in order to avert this situation, the Management intends to cut down the pollution load. Rest of the period existing Agro husk Boiler (8 TPH) will be utilized.
- The amendment in existing EC is planned in existing plant area 14,527 Sq.m. out of 76,970 Sq. m total land area. No additional land is required.
- Adequate stack height of 30m will be provided.
- Hence, we request for amendment in the EC granted for installation of natural gas/HSD fired boiler of 4 TPH.
- There is no impact anticipated on environment due to the installation of new Natural gas/HSD fired boiler of 4 TPH capacity as all the other things like quantum of production, generation of waste etc. remains the same.

#### 1.7 ENVIRONMENTAL LOAD STATEMENT

The key changes in environmental parameters due to implementation of above energy efficient measures would be as follows:-

5.	Particulars	<b>Parameters</b>	Unit	For RC	After	Change %	Remarks

# PROJECT: HERBAL EXTRACTS AND ACTIVE PHARMACEUTICAL INCHEDIENTS. APPLICANT: ALCHEM INTERNATIONAL PVT. LTD

DOCUMENT NO.:	EESPL/AILNEEMRANA/002	/EC/fed./2016-17/420
---------------	-----------------------	----------------------

No				granted	Amendment		
۱. ۱. ⊢	Project Cost	Project Cost: -	Crores	:01.11	0.2395	0.237	Missimal increment of Project Cost.
		Rs.101.11 Crore.		1			: 1
		; Proposed			'		
		Amendment - Rs.	I				
		0.2395 Стоге.;					1
		Total	ı				
		101.3495Ctore-					<u> </u>
	Resource	Energy	kVA	2000	Nil	Nil	No Change
	consumption	Consumption			!		
		DG Set*	kVA	2x 500	Nil	Nil	No change
				1 x 110			İ
l i	i İ	¦		1 x L 0 1 0	ļ		
		 · Fue]	(Lt./ Ifr)	320 ltr/br	Nil	NIL	No change
		Requirement	,				· .
:			<b>T</b> PD	160	— <sub>Nil</sub> +	Nil	No change
		Exhausted			i		
 	İ	herbs			ļ		!
		<u></u>	SCM		 4TPH	N_A	Changes desired to
		Natural gas	3CM	""	47111		reduce the
	I	HSD I	! 	İ			emission load.
		<u> </u>	<u> </u>	<u> </u>	<del>_</del>		⊥ ——
	İ	Water	KLD	16,682	Nil	Nil	No change
		Consumption	•	1			
2	Air	Air Quality	PM <sub>10</sub>	94.67	No Increase	-	Natural Gas will
ļ	environment	Prediction	PM <sub>2</sub> s	59.51	No change	-	cause very less
			NO.	30.3	No change	-	pallation
'			CO	1255	No change	•	<u> </u>
3-	Noise	db(A)		<u>≤</u> 80 dB (A)	Same as before	NII	No change expected
İ	Environment			(max.) at the			during construction
	I	 		time of	ı		and installation
				construction			phase; and in the
I		!		and			operational phase
				installation of	' j		minimal noise will
İ	-	1		machinery			be generated due to
		!	!	<u> </u>			the eco-friendly

# Project: Herral extracts and active pharmaceutical ingredients. Applicant: Alchem international PVT- LTD $\,$

DOCUMENT NO.: RESPC/AILNERMRANA/002/EC/Ind./2016-17/420

	—— — :				T	:	j -		i i mach	илегу.
4.	Land Environment		!		he granted En dment is given	vironment Clea below	aance	Nil	No ch	ange
		<b>Ts.</b> -	Arca Covered				Area (He	ctare)		Percentage
	ļ	No.								(%)
i						Existing	Propo amend		Total	•
ļ		].	Buildings/ Off Warkshop/ Di plants/ ETP/ I	G Room/ Mar		21,273	Ni	ı	21,273	27.6 j
		2.	Paved Area (R Orainage)	oad, Corndor	r, Parking and	15.000	Ni	Ì	15,000	19.5
	1	3.	Green Belt Are	;a		26.170	Ni		26,170	34.0
İ	! :	4.	Open Area (or	future expar	nsion	-· · [				! —— ·- !
		<b>~</b> -	New Shed (on	Vacant Land)	<del>,</del>	6000	Nil		6000	7 H
	! 		New Paved An and Drainage)		ridor, Parking	i <sub>2000</sub> _ 	Nil		2000	2 60
		ī —	Un-used Vacar	(ایامیا tt		6527	Nil		6527	8.50
		Tota	<u>i</u>	<u>.                                    </u>		76,970		-	76,970	100
5.	Solid Waste Management					Nil		Nil		
	<u> </u>	S.	Hazardous	Catego	ry Existing	Proposed	Total	Unit/	Annum	Method of
	į	No.	waste	as p-	ет	amendment				Dispusal
			description	HWMR Rules						
! 		I.	Chemical slug from ETP	ige 35.3	6400	ווא	6400		K <u>g</u>	Sent to the approved TSDF site ac Udaipur for disposal.
 	<u> </u>	2.	Used Oils a Spent Oil	nd   5.1 & 5.3	2 2000	Nü	2000	!	at .	It is being/will be disposed through authorized

#### PROJECT: HERBAL EXTRACTS AND ACTIVE PRARMACEUTICAL INCREDIENTS.

APPLICANT: ALCHEM INTERNATIONAL PVT. LTD.

DOCUMENT NO.: EESPL/AILNEEMRANA/002/EC/Ind./2016-17/420

							<u> </u>	kandlers
	3	Process residue	20.3	510000	Nil	510000	Kg	lt is
		(Distillation						being/will
		residue)						be sent to
								the
								approved
								Common
								Treatment,
								Storage &
i '					i			Disposal
l I .								Facilities at
	!							Continental
								Petroleum
! !			I					Ltd Behror,
								District-
,		i						Alwar for
								incineration
								for disposal
. : :	4.	Discarded	33.3	2200	Nil	2200	No. per Year	lt is
İ		containers/Liners						being/will
		with hazardous					i	be sent 10
		waste/ Chemicals		i				the
.			ĺ	!	ļ	1		approved
li	ļ							TSDP site at
	}							Udaipur for
								disposal.
	5.	Off	28.3	20 <b>0</b>	-Nil	200	Kg	lt is
.   :		Specification						being/will
		ртобист			1			be sent to
		]						the
i								approved
'								TSDF site at
	Ì						l i	Odaipur for
				ļ			‡ 1	dispusal
[	6.	Expiry Drugs/	28.4	200	Nil	200	Kg	lt is
		Medicines			i			being/will
					•			be sent to
								the

# PROJECT: HERBAL EXTRACTS AND ACTIVE PHARMACEUTICAL INGREDIENTS. APPLICANT: ALCHEM INTERNATIONAL PVT. LTD

DOCKMENT NO.: ERSPL/AILNEEMRANA/002/EC/fod./2016-17/420

							approved TSDF site at Udatpur for disposal.
6.	Solid waste(ETP & STP)	STP studge	200 kg/day	28.1	Nil i	XII	used as manure in plantation.
		Domestic waste	(10 kg/day	60.0	Nil	Sil	To be sent to Behron Municipal Corporation site.
	İ	MEE sludge	Kg/day	200	Nil	Nil	sent to authorize
7	Ecology & Biodiversity		~ <del></del>	No significant impact assessed	No significant impact assessed	Nil	No change
ŧ.	Socio- economic Environment			As per need based	Same as before	Nil	No change

\*Note: -the pollution load will be decreased during operation of natural gas /HSD fired builer.

The existing stack of the boiler will be unlized

#### 1.5 ENVIRONMENTAL PARAMETERS

#### 1.5.1 AIR ENVIRONEMNT

Prediction of impacts on an environment has been carried out employing mathematical model based on a steady state Gaussian plume dispersion model designed for multiple point sources for short term. In the present case, AERMOD Version 7.1.0 dispersion model for different stability state Gaussian plume dispersion, designed for multiple point and line sources for short term and developed by United States Environmental Protection Agency [USEPA] has been used for simulations from point and line sources

#### **Model Input Data**

For the modeling purpose, all pollutants as described above are considered. The details of stack emissions envisaged from the project are given in Table-1.

DOCUMENT NO. EESPL/AILNEEMRANA/002/EC/Ind./2016-17/420

Table 1: Stack Emission Details

S.	Parameters	Units			Proposed			
No.			Bail	lers		D.G. Set		D.G. Set
	<b>!</b>		(8 TP1)	( each)				
		i	Stack -I	Stack -II	(110 kVA)	(500 kVA)	(500 kVA)	(1000 kVA)
				·	Stack- III	Stack- IV	Stack- V	Stack- VII
1	Stack Height	201	30	.30	9.5	11	11	30
2	Top diameter	m,	1	1	0.1	0.15	0.15	0.25
1	of fluc							
3	Flue gas	m/sec	12	12	<u> 14</u>	14	14	12
•	velocity							
4	Exit Flue gas	³K	303	383	453	473	473	453
	temperature			]				
5	Flue gas flow	m <sup>*</sup> /sec	9.42	9 42	0.11	0.25	0.25	0.59
	rate							
6	Emission rate at	stack exir						
A	SPM	mg/NM1	< 100	< 100	0.3 g/kw-br	0.3 g/kw-hr	0.3 g/kw-hr	75
В	NO,	nag/NM3	₹ 500	< 500	9.2 g/kw-hr	92g/kw-hr	92g/kw-hi	710 ppmv
C	\$0 <sub>7</sub>	g/s	2.36	2.36		· .	- '	
D	co	mg/NM <sup>3</sup>	·	·	35 g/kw-hr	35g/kw hr	35g/kw-hr	150

#### Presentation of Results

In the present case, model simulations have been carried out for the study period. The Ground level concentrations are computed for 24-hr average. Maximum Ground level concentrations of  $PM_{10},PM_{2.5},NO_2$  and CO for study period were  $0.12~\mu g/m^2$ ,  $0.08~\mu g/m^3$ ,  $0.7~\mu g/m^2$  and  $0.53~\mu g/m^3$  respectively. The obtained GLC's are well within the stipulated CPCB standards. The incremental ground level concentrations for  $NO_2$  and CO are given in Table-3.

Table No. 2 Predicted 24-Hourly Short Term Maximum Incremental Concentrations

Pollutant	Maximum Incremental Concentration	(X,Y) coordinates (m)	Towards Direction
	(µg/m³)		
PM <sub>10</sub>	0.12	( 1000, 0]	<u>E</u>
PM <sub>23</sub>	0.08	(1000,0)	E
NO <sub>2</sub>	0.7	(1000,0)	E
co	0.53	(1000,-1000)	SE

## Resultant Concentrations after Implementation of the Project

The maximum incremental GLCs due to the proposed project for NO<sub>x</sub> and CO are superimposed on the maximum baseline concentrations recorded during the study period. The cumulative concentrations (baseline + incremental) after implementation of the project are tabulated below in Table-3. The predicted ground level concentration isopleths for various parameters during study period is given in Figure-1(a) & 1(b) respectively.

Table No. - 3 Details of incremental concentration of pollutants on the surroundings.

Parameters	Baseline (Max.)	Incremental GLC's	Resultant GLC's	Standard in	
		μg/m³	μ <b>g/</b> α1 <sup>3</sup>	μg/m³ :	
NO,	29.6	0.7	30 3	8D	
CO	1254	0.53	1255	2000	

It is seen from the above table, the resultant GLC's obtained at Project Site and its surroundings are well within the CPCB standards (dated 18th November, 2009).

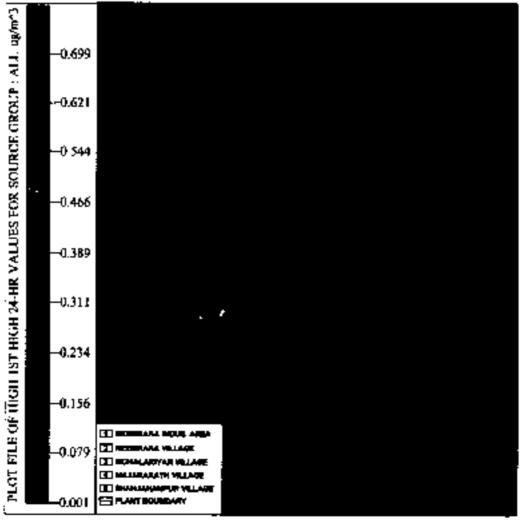


Figure- 1(a):Isopleths Showing Maximum Incremental Ground Level Concentrations of NO<sub>2</sub>

DOCUMENT NO.: ESSPL/ALLNEEMRANA/002/EC/Ind./2016-17/420

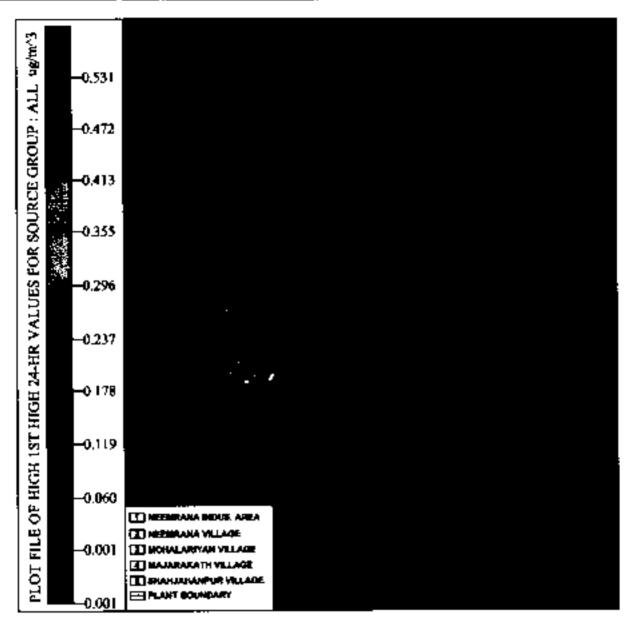


Figure-1(b):Isopleths Showing Maximum Incremental Ground Level Concentrations of CO

The pollution load due to installation of natural gas fixed boller will be less/decreased from the existing pollution load

#### 1.5.2 WATER ENVIRONMENT

The existing water requirement for the project is 200KLD after the Installation of the ZLD system. One-time water requirement is 297 KLD, Daily fresh water requirement is 200 KLD and 97 KLD water is recycled.

Table No.4: Existing Water Demand

S. No	Description	Fresh Water Consumption	Waste Water Generation	Recycled Water	Effluent Treatment & disposal facility
		(KLD)	(KLD)		
1.	DM Plant	200			_
A.	Domestic	10	3.0	3.0	Waste water will be treated in STP (Activated Sludge Process)and will be reused for Greenbelt/ Horticulture development
В.	Industrial				
a.	Process	. ¥5	75	-	Waste water will be treated in ETP (120 KLD) followed by RO plant with MEE and reused in Cooling Tower to maintain the ZLD.
b.	Cooling tower	30	13	97.0	Blow Down will be treated in ETP
c.	Builer	50	5		followed by RO plant with MEE and re-
d.	RO/DM reject	25		-	circulated in Couling Tower to maintain the ZLD.
ì.	Floor washing and equipment washing	•	12 to ETP	-	Waste water will be treated in BTP
ıi.	Flushing	-	13 to STP	13.0 (Flushing /Washing)	13KLD will be used for flushing and will treat in STP
3.	Gardening	-	•	-	16 KLD water will be used after treatment in STP (20 KLD Capacity)
Fresh W consum		200	-	-	
Recycled water		97	_	-	97KL Cooling tower
Total water consumption		297	-· <u>-</u>		-

<sup>\*</sup>Source: existing bore well and RHCO.

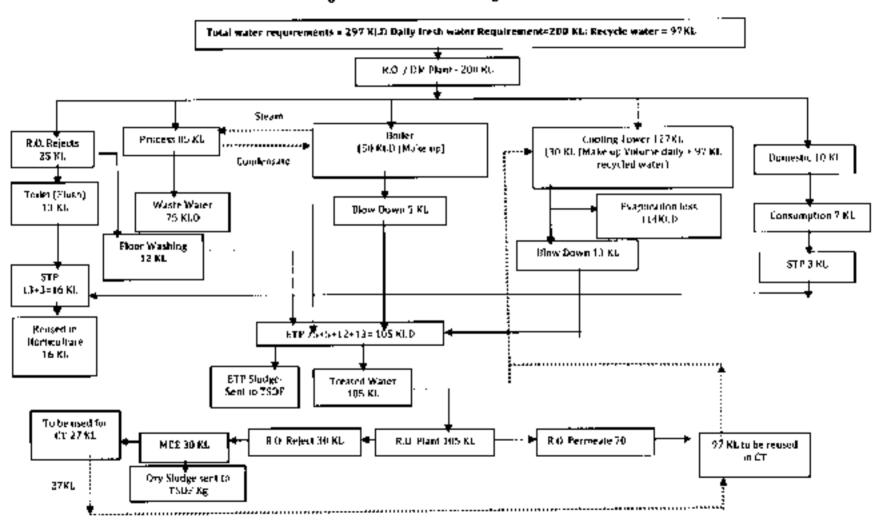
There are no any changes in water requirement due to proposed amendment



APPLICANT: ALCHEM INTERNATIONAL PYT. LTD

DOCUMENT NO.: RESPL/AILNEEMRANA/002/EC/IAd /2016-17/420

Figure 2.: Water Balance Diagram



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#### 1.6.3 SOLID WASTE GENERATION

Solid waste is being generated in the form of soil and over burden. Nature and quantum of solid waste generated is as below:

Particulars	Existing	Proposed amendment	Total after amendment	Locrease %	Remarks
STP studge	200 kg/day	Ni:	2 <b>0</b> 0 kg/day	Nil	No change
Domestic waste	110 kg/day	Νï	110 kg/day	Nil	No change
MEE sludge	200 Kg/day	Nii	200 Kg/day	Nil	No change

#### 1.6.4 HAZARDOUS WASTE

S. No.	Hazardous waste description	Category as per HWMR Rules	Existing	Proposed amendment	Total	Unit/ Annum	Method of Disposal
1.	Chem:cal sludge from E1'P	35.3	6400	Nil	6400	Kg	Sent to the approved TSDF site at Udaipur for disposal
2	Used Oils and Spent Oil	S 1 & 5.2	2000	Nil	2000	Lit	It is being/will be disposed through authorized handlers
3	Process residue (Distillation residue)	20.3	\$1000D	Nil	<b>51000</b> 0	ያ	It is being/will be sent to the approved Common Treatment. Storage & Disposal Facilities at Continental Petroleum Ltd. Behror, District Alwar for Incineration for disposal.
4.	Discarded containers/Liners with hazardous waste/ Chemicals	33.3	2200	Not	2200	No. per Year	It is being/will be sent to the approved TSDF site at Udaipur for disposal.
5	Off Specification product	28.3	200	-Nil	200	Кg	It is being/will be sent to the approved TSDF site at Udappur for disposal.

6	Expiry Drug	gs/ 28.4	200	Nil	200	Kg	It is bring/will be sent	
	Medicines						to the approved TSDF	
							site at Uda/pur for	
							disposal	

#### 1.7 CONCLUSION

- This will have additional benefits in terms of reduced pollution level. This will reduce the water consumption in Boiler from 20 KL to 150 KL. There will additional change in extraction of Nicotine extraction media. The media used will be solvent (with looped recovery system) instead of water. The intend to use this boiler is to curb the impact of air pollution in the post monsoon period accounted due to. Adiabatic. Lapse Rate leaving the particulate matters suspended resulting into Smog, in order to avert this situation, the Management intends to cut down the pollution load. Rest of the period existing Agro busk Boiler (8 TPH) will be utilized.
- The AIPLhas provided separate management for plantation and its maintenance.
- The Company has planted and nurtures62,000 trees in five years in their mining areas.
- > The Company will take various steps for improvement in maintaining a cleaner environment adopting pollution control measures and large-scale afforestation thus maintaining ecological balance of the region.
- For proper management of plantation works professionally, qualified personnel have been put in charge of Environment control measures.

In light of the above facts it is humbly submitted to amend the Environmental Clearance granted earlier with addition of gas/HSD fired Boiler of 4 TPH capacity.

As there is no increase in production, no addition in raw material, quantity of water being used remains the same and there is no additional hazardous waste generation. Based on these facts it can be concluded that there is no increase in pollution load.

For Enkay Enviro Services Pvt. Ltd.

(Sunita Mantri)

**Environment Auditor** 



ENKAY ENVIRO SERVICES PVT. LTD., JAIPUR

OCTOBER' 2019

daringo IV

THERMAX UMITED 11TH FLOOR, BEST SKY TOWER, NETAJI SUBHASH PLACE, PLAMPURA, D&LHI | 10034, INDIA | □ TEL: (011) 46087200 | □ FAX : (011) 27355211, 45019846

If PAN - AAACT39100 | Website : www.thermaxglobal.com.

Customer Care: 18002090115 (India Tall Frae).

Ref: SBE: TSRQ | 3657 May,7<sup>th</sup>,2019

#### ALCHEM INTERNATIONAL PVT. LTD.

PLOT NO. SP2-5 RIICO INDUSTRIAL AREA, NEEMRANA, DIST: ALWAR, RJ 301705 GSTN: 08AAACA2251L1ZU

Kind Attention: Mr. Nitin Phadke/Mr. Hemraj Sharma

Dear Sin

Sub: Offer for SHELLMAX Qil cum Gas. Fired Steam. Boiler (SM-40DH/10.54/HSD/NG/W/o Gas. train/W/o APH/with Insulation).

Thank you for your enquity. This has reference to the discussions you had write unders great regard and your above requirement.

As per discussion enclosed please find offer for:

Shellmax Oil Fired • JBR Steam Boller model SMDH-40 capable of generating 4000 Kg/kr. hast output at a maximum safety valve set pressure of 10.5 Kg/cm2g. When fired on RSD/N.GAS without Gastrain.

Our enclosed offer consists of following

- Scope of Supply giving battery limits and exclusions.
- Technical Specifications giving technical details
- Commercial Price List giving price, delivery, terms and conditions of sale.

Print the above is in line with your requirement.

Thanking you and assuring you of our best attention at all times. We remain,

Yours haithfolly Nitic Choudbary

Thermax Limited

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RPGO CAPICE: O 17 MIDC NICHTRAL AREA R. D. AGA ROAD CHINOMNAD PLNE: 41: 019 MOA COMPORATE IDENTITY NUMBER: 1292999N1920PLC022767



# INDEX

SCOPE OF SUPPLY	
SAFETIES PROVIDED IN BOILER	
PERFORMANCE CRITERIA	8
BATTERY LIMITS	10
EXCLUSIONS	11
SERVICES	12



## SCOPE OF SUPPLY

#### 1) PRESSURE PART ASSLY :-

• One Pressure part assembly consisting of the Futlifusion weided shell consisting of wet back furnace and two sets of convection smake tubes, hinged ceramic lined front doors and smoke chamber with soot cleaning door. One Manhole. Two head holes on the boiler shell to inspect the internal of the boiler. One access opening at the back of the IRC to inspect the internal of the furnace. Two fusible plugs are provided as an ultimate mechanical safety to prevent the boiler from overheating incase of very extra low water level in boiler.

For Export Orders - Boiler is Factory insulated with 100 mm thk.,100 kg/m3 density mineral wool. & cladded with pre-coated sheet

### 2) LIGHT OIL CUM GAS FIRED BURNER:

One Pressure jet spill return stepless modulation burner with the high voltage spark ignition/Pilet flame for burner light up. Burner is suitable for firing light oil/ Natural gas one at a time. Pressure gauge at inlet & outlet with isolation valve & siphon for oil pressure sensing. Flame sensor is provided in the burner to detect the flame in auto mode operation.

#### 3) FUEL OIL PUMPING UNIT :-

- Two Fuel oil gear pump with motor, #
- Two Iso ating ball valve at fuel pump suction #
- Two Isolating ball valve at fuel pump outlet. #
- One Y-type strainer at oil preheafer outlet.
- # Qty, of these items will be one not for single fuel pump option.

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## 4) AIR /OIL/GAS REGULATING ASSEMBLY:-

 One Damper assembly with step motor & cam linkages with oil regulating valve to control oil flow rate to the burner. Separate cam is provided for gas

## 5) FORCED DRAFT COMBUSTION AIR FAN:

 One Backward curved design Forced draft combustion air fan with the motor & flexible duct at the discharge of the fan to prevent the other components from any vibration

#### 6) FEED WATER PUMPS:-

Two Highly efficient Centrifugal multi-stage, vertical feed water pumps with motor.
 Impeters & shaft of the pump are of stainless steel.

#### 7) CONTROL PANEL BOX ASSEMBLY :-

#### a) Panel box specification

One Power cum control panel, free standing type confirming to IP 42 with VCB/MCCB. The panel is made out of 14 / 16 SWG CRCA sheets and powder coated with Siemens gray color.

The power & control section are physically isolated with partition plate. The power section is provided with a main incomer isolating switch with MCCB. The tequired switch gears for all the feeders are housed in the power section Durner management system along with necessary start stop button, auxiliary contactor, and control circuit of all molors, indication tamps & hooter for the alarm are housed in the control section.



### b) Set of instruments mounted in the panel

- One Temp indicator & switch is provided in the control paner to indicate the boiler stack temp. This switch gives high stack temp alarm, lamp indication & burner trip interface.
- One Sequence controller for burner management system.
- One FID controller for corrosion management system.

#### 8) FIELD MOUNTED INSTRUMENTS :-

- One Pressuretrol for stepless modulation.
- One Pressure switch for burner QN/OFF control.
- One Temperature element for flue gas temperature.
- One Pressure switch to sense low combustion air pressure.

#### 9) ACCESSORIES :-

#### a) Piping

- One Set of Natural gas piping from gas train to burner m!et.
- One Set of feed piping to connect feed water pumps to the boiler.

#### Set of valves & fittings to be fit with the feed piping.

- Three Stop valves on feed water line.
- Three Non-teturn valves on feed water line.
- Two Pressure gauges at the outlet of the points.
- Two isolation valves for the prigatiges.

#### b) Set of valves mountings & fittings for the boiler

- One Main steam stop valve.
- Two Spring loaded single port safety valves.
- One Air vent valve.

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- One Blow down valve
- Öne Main steam pressure gauge.
- One Explosion door for protection against high flue gas pressure.

#### For Domestic Orders

- Two plain tubular gauge glasses along with inbuilt isolation and drain valves.
- Two Float operated magnetic water level controller.
- Eight Isolation valves for Main steam pressure gauge, inspector pr. gauge & solation valve and drain valve for two float operated level controller.

#### c) Structure

 One Sot of lander & catwalk to operate the valves & fittings mounted on the Soiler

#### 10) FUEL OIL FILTER :-

One Duplox type basket filter with 80 mesh filter element.

#### 11) GAS TRAIN CONSISTING OF (Not in Thermax SCOPE) :-

- One Isolating ball valve on main line.
- One Gas filter
- Two—Pressure gauge each at upstream & down stream of the pressure regulator with bush to read valves.
- Onc Gas pressure regulator.
- One Safety shutoff valve #
- One Relief valve with isolation balt valve #
- One Low gas pressure switch.
- Two Splengid Valves
- One Scienoid valve on pilot line.

# Applicable for High pressure gas train (Gas inlet pressure 1-2 Bar).

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One Relief valve with isolation ball valve #

One Low gas pressure switch.

Two Solenoid Valves

One — Solenoid valve on pilot line.

# Applicable for High pressure gas train (Gas inlet pressure 1-2 Bar).

#### SAFETIES PROVIDED IN BOILER

	Unsafe condition	Instruments	Action
	(a) Low water level in the boiler #	Level controller-1	Alann & burner trip
į	(b) Extra low water level in the boiler	Level controller -2	Alarm & burner trip
	(c) Very extra low level	Fusible plug	Fusible plug blow & burner top
	(d) Flome failure	Flame sensor	Alarm & burner trip
	(e) Steam pressure high	Safety valve	Lift
	(f) Stack temp high	Temperature switch	Aların & burner trip
İ	(g) Gas pr 'ow	Prossure switch	Alarm & burner trip
	(h) combustion air prilow	Pressure switch	Alarm & burner trip
ı		L	<del></del>

# Not applicable for unit with single Level controller.

#### Note -

For avoiding the dry run of the boiler feed water pumps client has to provide the
potential free contact of the extra low level switch of the soft water tank, to be
hooked up in the boiler control panel.

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#### PERFORMANCE CRITERIA

The performance parameters of the boiler under this offer are based on the availability of the following inputs with their corresponding values, as specified.

### 1) FUEL :-Fuel specification as follows as per IS 1460 –1974

	CDO	HSD	UNITS
1) Flash point 2) Water content	66 0.25	38 0.05	degic %vot (max)
<ol><li>Kinematic viscosity</li></ol>	13	2.5	c\$t @ 40 deg c
4) Four point	18 (in summer) 12 (in winter)	6	deg c
5; Sediment	0.10	0.05	% wt max
6) Şulfur	1.8	1	% wt max
<ol><li>Contradson carbon</li></ol>		-	₩.

Not calorific value - 10200 Koal /kg (min).

#### Natural Gas (With composition % by VOL as given below)

1) CH4 ... 76% 2) C2H6 ... 10% 3) C3H8 ... 2% 4) N2 ... 6% 5) CO2 ... 6%

6) Nel calorillo value -- 8500 Kcal/ Nm³
7) Density D.91 Kg/Nm³

#### FLUE GAS EMMISSION-

#### H5D

SPM = < 100 ppm NOx = < 350 ppm SOx = < 1620 ppm

 $\underline{Gas}$ 

SPM = 15 to 20 ppm NOx = ≤ 300 ppm Sox = NiI

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#### FUEL DETAIL

[	Fivel:-MSD	Type of Gas :-	By Volumne %	
Composition	% by weight	Composition	N Gas	
Carbon	87.45	CH4 (METHANE)	92.5	
Hydrogen	11.5	C2N5 (ETHANE)	5	
Sulphor	1	C3H8 (PROPANE)	1 45	
Nitrager.	D D	Q4H10 (BUTANE)	0.75	
Oxygen	D	C5H17 (PENTANE)	0.05	
Moisture	0.06	N2	0.25	

#### 2) WATER :-

#### Feed water specification as follows as per IS 10392 -1982

1) Hardness < 10 PPM

3) pH value 8.5 to 9.5

4) Free CO<sub>2</sub> Nii

5) Bound CO₂ < 5 PPM

6) TDS 400 PPM (max)

7) Temperature 90 deg. C (max)

6) Chloride 50 PPM (max)

#### Note:

- (a) TCS value indicated is the maximum permissible. However, based on the blow down percentage, the allowable TDS should be worked out considering operating economics.
- (b) The feed water temperature indicated requires a minimum tank elevation of 3 meter
- (c) Conditioning chemicals need to be added to keep the hardness causing salts in Suspension

#### Boller Water specification as per the IS 10392 -1982

Total Alkalinity 700 PPM max

pH 11 to 12

Phosphate (as PO4) 20 - 40 PPM

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Sodium sulphile Na2SC<sub>3</sub> 30-PPM min, 50 PPM max.

Silica (SiO<sub>2</sub> < 0.4 PPM of caustic aikalinity

TDS 2500 PPM max

Conductivity 1000 - 10,000 uS/cm

3) POWER :-

Supply voltage 3 ph, 4 wire, 415 / 380 ± 6 % V and 50 ± 3 % Hz

Control vallage 240 / 220 V, A.C., 1 ph

Note - Control supply one phase to be drawn form the three phase supply line with the neutral.

#### 4) EFFICIENCY :-

Efficiency shall be demonstrated as per the standard BS: 845 Part 1 - indirect method.

#### BATTERY LIMITS

#### STEAM, BLOW DOWN AND DRAIN.

Outlet of main steam slop valve.

Outlet of spring loaded safety valves.

Outlet of Air ventivaive.

Water lovet controller & gauge glass drain.

Outlet of blow down valve,

#### WATER

Suction of feed water pumps.

#### 3 FUEL

Inter and outlet of fuel oil pumping unit

Oil Inlet and bypass of Burner,

Inlat and outlet of oil regulating valve.

Inlet and outlet of basket filter.

Inlet of gas train.



#### 4. AIR AND FLUE GAS

Suction & Outlet of combustion air fan

Quilet for flue yas on boiler smoke chamber.

inlet of Bame view glass cooling.

Air & Fluo gas inlet & outlet flange on APIs.

Inlet outlet Pange on Corros on management air regulating assly.

Inlet flange of Air/oil/gas regulating assly.

#### ELECTRICAL

Incomer terminals on the control paner, local instruments, motors.

#### **EXCLUSIONS**

The following articles and work do not form a part of the proposal.

- Gas train assembly is also excluded.
- Chimney & flue gas duct between boiler and chimney.
- 3 Raw water, soft water and fuel oil storage service tanks.
- 4 Steam water, oil and drain piping up to / from our terminal points.
- All civil and structural work for installing the boiler and its accessories.
- Electrical cabling to our control panel from mains and also between control panel and various drives and instruments located on the boiler.
- tabor, tools and tackles, utilities (water power, air, gas, etc.) and consumables required for assembling, erecting and commissioning the boiler
- Spares for installation, operation and maintenance of boiler.
- Water treatment plant.
- Registration and approval at site.
- Fue!, chemica's and water for the bollet.
- Unloading and positioning of boiler.

Dot No.SMDH SOS (TPH YO 4TPH LO GAS TO STEPLESS APPLICATION 96-DEC-2017Page 11 of 16





#### SERVICES

### Supervision of installation & commissioning of the boiler

The boiler revered under this offer comes in semi-assembled condition. Unloading and assembling of the boiler, its accessories, mountings and fittings have to be done at site. The services of our erection engineer, who would offer guidance and supervision in this matter, would be available at the charge mentioned in this quotation.

### 2 Service charge payable to us covers

DRAWINGS:- (3 sets each)

- På tidlagram.
- 2) General arrangement & Terminal point.
  - & Foundation Details (Not Foundation design).
- Boiler control panel SLD winng diagram.

#### DOCUMENTS:-

- Installation , Operation & maintenance manual, (3 sets.)
- Boiler IBR Folder (At the time of dispatch) (1sot original)

#### GUIDANCE: -

- On Selection & Installation of boiler house accessories.
- 2) Open IBR Inspection
- 3) Hydraulic test of the boiler
- 4) Commissioning.
- Trouble shooting.

#### TRAINING :-

For purpose of user's education for equipment operation and Maintenance.



#### COMMERCIAL SCHEDULE

Final Price Schedule: HSB cum N.GAS( Gas Inlet Pr. 1-4 (agr))

#### (SM-40DH/10.54/HSD/NG/W/o Gas train/W/o APH/with Insulation)

SMDH 40 (4000 KC/IIR) : Rs 23, 95,000,00 Ex Works

(without APH)

Packing & Forwarding charges ; © NIL

Supervision of Erection & Commissioning Inclusive

#### 2. Taxes and Dunes.

All taxes and duties shall be charged at the rates prevailing at the time of delivery.

- Octroi Octroi extra wherever applicable at the time of supply.
- II. True sportation charges -- on actual from Pune.
- Jl. Transit Transit insurance- By Custonier
- IV. GST @ 18%

#### 3. Statutory Variations

Any increase in the existing daties/ taxes/ levies or imposition of new daties/ taxes/ levies by central/ State government/ focal bodies shall be exita to purchaser's account

#### 4. Effective Date

Unfoss specifically agreed otherwise, the effective date of the purchase order shall be the later of dates on which

- a) Receipt of technically and commercially clear Letter of Intent/ Order.
- b) Receipt of Advance Payment as per mutually agreed payment terms.

#### 5. Delivery

Delivery will be 14 weeks from the effective date as defined above.

Doe No SMIDH\_SOS\_TIPM TO 4TPH LO GAS TO STEPLESS APPLIEDUZGO DEC 2017Page 11 of 16



- 3 This service charge payable to us is exclusive of:
  - Labour (Skilled and Unskilled.)
  - · Tools and tackles.
  - Utilities (including power, water, compressed air, etc).
  - Consumables

which are to be supplied by the user, as and when required for unloading and assembling of the boiler, its accessones, mountings and fittings.

This charge does not include any fees payable for inspection of the boiler & its accessories. All such charges are to be paid by the purchaser at extra cost.



#### 6. Inspection

Visual inspection of equipment at our works/ our sub-ventors shall be offered wherever mutually agreed. The supplier shall give 15 days notice to the purchaser for visual inspection. In case

it is not possible for the purchaser to be physically present for the inspection on the appointed date.

the supplier shall dispatch the material as if the materials are deemed to have been inspected and the purchaser expressly do hereby aggress to release the payment as per the payment terms specified berein.

#### 7. Transportation

Since our offer is based on extworks/extour vendors' works, it shall be the responsibility of the purchaser to arrange for their own transporter. However, in the event the purchaser authorizes the supplier to arrange for the transportation, the same shall be arranged by the supplier on behalf of purchaser on freight to-pay basis. Purchaser shall pay the freight directly to the transporter

#### 8. Transit Insurance.

Since our offer is based on ex-works/ex-our vendors' works, it shall be the responsibility of the purchaser to among the transit insurance. However, in the event the purchaser settles we the supplier to arrange for transit insurance, the same shall be arranged by the supplier at an extra cost of 1% of the order value.

- 9. Payment Terms
- 5% advance along with PO.
- 2. 25% advance on submission of ABG of 30% basic value on TL format.
- 70% balance against PI without GST against PI prior to despatch.
- PBG of 10% basic value on TL format valid for 12 months from the date of commissioning or 10 months from the date of supply whichever is cartier.
- 5. The GST shall be paid to us on submission of invoice & LR via a Post dated cheque of 10<sup>th</sup> of next month.

Dec No SMDH SOS (TPH\_TO GTPH\_LO GGAS NO STEPLESS APH\_REVOZ\_66-DFC-201/Page (\* of id



#### 10. Warranty for Equipment

Thermax a hability in respect of any defect in or failure of equipment supplied by Thomax or any loss, injury or damage attributable therein, is limited to making good by replacement in reports, defects, which appear therein, provided the equipment is operated and maintained in accordance with Thermax's instructions, and arise totally from proved facit in design, statesials or workmanship, within a period of 12 menths from the date of commissioning of the equipment of 18.

munths from the date of last involced dispatch, whichever is earlier, at the end of which period, all hubility on Thermax's part will coase.

the warranty is applicable under the following conditions:

- Any replacements/repairs required under provisions of the above warranty will be carried
  out at Thermax's option either at site or at Thermax's works. In the latter case, Buyer will
  send the defective pairs to Thermax works at Buyer's cost & liability.
- 2 After repairs/replacement warranty period for the entire equipment including replaced or reported parts with the himself to the unexpired portion of the total warranty period.
- 3 For successories and fittings not manufactured by Thermax, but which form an integral part of the equipment supplied by Thermax, the warranty will be co-terminus with the main equipment, irrespective of the warranty extended by their suppliers.
  In respect of the equipment where despatch after read

#### FOR THERMAX LIMITED

Vitin Choudhary

\$P 2-5 A ICO Industrial Area. Neemirana

A war - 301705, Rajasthan, India, Phones +91-1494 - 246996, 997 Ferres +01-1494 - 246996

Faxes +91 1494 246995 E-mail neemrana@alchemanternational.com C.I.M. Nember: 974899DU1982PTCC13415

Alchem International Private Limited

(Formerly - Alchem International Limited)

Date: 21.10.2019

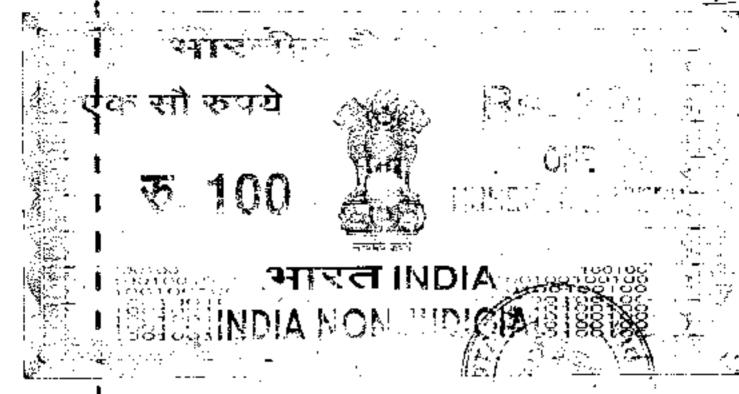
### PRODUCTION RECORD SINCE INCEPTION TO TILL SEP. 2019

Financial Year	Total (kg?)
2012-13	29618
2013-14	36083
2014-15	31702
2015-16	38829.9
<del>2016-17</del> ——	26703
2017-18	35859
2018-19	57109.4
2019-20 (Till Sep. 2019)	15841-15

For Alchem International Pvt Ltd, Neemrana

N. K. Singh

AVP & Authorized Signatury



राजस्थान RAJASEHAN

#### LEGAL UNDERTAKING

AT 536525

f. Sanil Mal Jr., S/e Mea V.P. Malik Agest-53 Years, VP-Supply Signatory Chaig Management & Audiouzed of **Agestin Associational Pve Led/having registered office at # 201, Empire Pisse ...Mebraidf- Gorgoon** Road, Sultanpur, New Delph- 12000 do solemnly affirm and undertake as under:-

That I are responsible for establishing the proposed project "tierbal Extracts and Active Plantmare, on Landburger (APIs)" of Alchem Interpational Pvt. Ltd. situated at SP 2.5, RIJCO - Indianasta (APIs) Philips 1, Neemman, District-Alwar, Rajathan.

- That No expansion/ modernization activity has been undertaken in violation of the provision of ElA actification; in relation to MoRE&CC Notification dated 14.03.76(7)(8.03.20)8.
- That there is no activity/construction/expansion has since been taken up at site attracting violation of MCRF&CC Notification S.C. 1630 (E) dated 09.03.2010.
- 4 That "There is no litigation penting against the project and/or land in which the project is proposed to be set up (Herbal Extracts and Active Pharmaceutical Ingredients (API's) Macufacturing unit of Alchem International Pvt. Ltd.) and that for any such litigation whatsoever, the sole responsibility will be turne by the Project Proponent."
  - 5. I hereby give undertaking that the data and anformation given in the application, enclosures and other documents are true to the best of my knowledge and belief and flam aware that if any part of the data and deformation submitted as found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the Project will be revoked at our risk and cost.
- 6. I hereby also submit this undertaking is a part of the EC Amendment, owning the contents (information and data) of the proposal. The details and data presented are factually correct! [as per OM dated 4 August 2009], along with other information was submitted.

Date: 18.10.2019 Place: Jaipur (Sunit Ptaties)

#### VERIFICATION

Verified at [alpur on 18 10 2019 that the above contents of this undertaking are trule and correct to the best of my knowledge and belief and nothing has been concealed thereof.

Date: 18.10.2019 Place Jaipur Attes led

Jaipur (Ria) 1900

(Supil Malik) X A

The second of th

र्तीस केर न्याधिव

ह सौ रूपये

₹. 100



Rs. 100 ONE

HUNDPED RUPEES

UDICIAL

राजस्थान RAJASTHAN

387285

I, Sunjin Mantri. CMII, Unkay Enviro Services Private Limited, # 92 Heera Nagar - A; Near Shaliman Rogh. Aimer Boad, Japun (Raj ] + 302 021, solemnly affirm and undertake as under-

- That I am the Environmental Consultant for the project "Herbal Extracts and Active Pharmaceutical." Ingredients (API's)" of Alchem International Pvt. Ltd. situated at SP 2-5, RHCO Industrial Area . Phase 1, Neemmina, District: Alwar, Rajothan for an area of 76,970 Sq m
- 2. That the details and data presented are factually correct (as per OM dated 04 August 2009), along with other information was submitted.
- 3. That there is no activity undertaken at site attracting violation of the provisions of the EIA Notification du 14.09.2006, and amendments made thereafter, circulars and O.M. Issued there under especially in the light of Not ligation \$.0. 1030 (E) dated 08.03.2018.
- 4. If hereby give undertaking that the data and information given in the application, enclosures and other documents are true to the best of my knowledge and behall and I am aware that if any part of the data and information submitted is found to be laise or misteading at any stage, the project will be rejected and clearance given if any to the Project will be revoked at our risk and cost
- 5. I hereby also submit this undertaking is a part of the EC Amendament, owning the contents [information and data] of the proposal.

Date: 18.10.2019

Place: Jaipur

Sunita Mantri

(CMP)

#### **VERIFICATION**

Verified at Jaipur on 18,10,2019 that the above contents of this affidavit are true and correct to the best of my knowledge and belief and nothing has been concealed the muit.

Date: 18 10:2019

Place: Jatpur

Jaion 11 8 OCT 2019

(CMP)

 SP 2-5 RICCO Industrial Area, Neemrana,

Atwer - 301705, Repastham, Indie. Phones +91-1494 - 246996 - 997 Faces +91-1494 - 246995

E-mult neermane@atcheminternational.com

#### Alchem International Limited

#### AUTHORIZATION

In pursuant to the work order, No- AIPL/EESPL/EC-AMENDMENTI/001 date 18.10.2019 place Jaipur, I, Sunil Malik designated as Vice President here by authorized vide Board Resolution no Nil dated 18.10.2017 to sign the assignment Amendment in Environment Clearance for Our project Alchem International Pvt. Ltd. Neomrana unit. for pertinent to Environment Consultant, we hereby, authorize Enkay Enviro Services Private Limited with its registered office at 92, Heera Nagar A, Near Shahmar Bagb, Ajmer Road, Jaipur – 302021, through its authorized representative to undertake the above assignment by undertaking- filing applications, presenting, reply to the queries raised by MoEF&CC/SEIAA, follow up to expedite our project on regular basis at MoEF&CC/SEIAA and/or its Regional Office for all requisite regulatory approvals on behalf of our Company/Organization.

For Alchem International Pvt. Ltd.

(Sunit Maits)

.' >

Regd. Office: 301, Avalori Appartment, Mangla Puri. Melyaul-Gargaon Road, New Debt. 110 030 (India) Phones: +91-11-2680 3500/01/02/03/04, 26808420-31 Faces: :+91-11-2680 1770, 2580 2102, 2680 2473

E-mail: contact@akshementemational.com





### **Quality Council of India**



National Accreditation Board for Education & Training

### Certificate of Accreditation

### Enkay Enviro Services Pvt. Ltd, Jaipur

24-6, Dadu Marg, Gopal Bari, Jalpur — 302001 are accredited as Category - A organization under the QCI-NABET Scheme for Accreditation of EIA Consultant Organizations: Version 3 for preparing EIA/EIAP reports in the following sectors:

SJ.Neg.	Sector Description		Sector (as per)	
			MaFFCC	į Eau.
1	Making of minerals (Open rast)		1 (a) (i)	A
7	Raver Valley Projects	.3	1(3)	, e
3	Therma: power plants	£	1.14;	6
à	Mineral Beneficiation including pelletisation	/	3 (5)	
5	Metalkingical industries Perrous & neclerous) - both pronery and secondary	8 _	3 (a)	- 4
Ę	Cement Plants	ģ	\$ (b)	⊥. <u>₿</u>
7	Asbestos milling and asbestos based products	12	<b>≜ (</b> 6)	
8	Chemical Ferri zers	16	5 (a)	<u> </u>
9	Symphonic organic chemicals industry lifes & dye intermediates; bulk drugs and intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers, basic organic chemicals and chemical intermediates)	21	5 (*)	! <u>,</u>
L7	D-stiller-es	22	5(g)	, 3
11	Isolated storage 8 handling of hetardous (herwicals ,As per threshold planning quantity endicated in column 3 of Schedule 2 & 3 of MSIHE Rules 1989 amended 2000)	28	5 (0)	 
12	As Ports	29	, 7 (a)	<del>† ^</del>
13	invostrial estates/ garks/ complexes/ Areas, acourt processing achasiEPZal.  Special economic cones (SEZa), Bestech parks, Jeanner complexes	31	740	<u> </u>
14	Parts, lergors, jettigs, marine terminals, break wangs and dredging	33	7 (P)	<u> </u>
iS	H ghways	34	<u>/ /h</u>	. . ^
16	Common Efficient Treatment Plants (CETPs)	36	? <del>1</del> Ы	в
17	Ruilding and construction projects	38	8:31	В
18	Townships and Area development projects	39	É (6)	8

Note: Name of approved EIA Coordinators and Functional Area Experts are mentioned in SA AC minutes dated Jan 13, 2017 and Aug 4, 2017 pasted on OCI-NABET website.

The Appreditation shall remain in Jacke subject to continued compliance to the terms and conditions mentioned in NABET's letter of accreditation bearing no. QCI/NABET/ENV/ACO/17/0394 dated Sep 6, 2017. The accreditation news to be renewed before the expiry date by Enkay Enviro Services Pvt. Ltd., following due process of unsersinent.

Sr. Director I NABET Dated: Sep 6, 2017

Certificate No. NA8ET/EIA/1518/ SA 043 Validity till date Feb 26, 2018

For the updated tist of Accredited Consultants with approved sectors please relar QCI-NABET website.

 $\mathcal{R}$ 



### National Accreditation Board for Education and Training

[Member - Improvious Accession on Forum & Pacific Accessions Cooperation]

August 16, 2019

QCI/NABL1/8IA/ACO/19/2036 Enkay Enviro Services Pyt. Ltd. 92, Heerz Nagar-A, Near Shallmar Bagh Ajmer Road, Jalpur • 302021, Rajasthan [Kind Attention: Ms. Sunita Mantri)

Sub; Validity of Accreditation

Dear Sir.

This has reference to the accreditation of your organization under QCI-NABST EIA Scheme, the validity of Enkay Enviro Services Pvt. Ltd., Jaipur is hereby extended till November 15, 2019 or completion of assessment process, whichever is earlier.

The above extension is subject to the submission of required information/documents related to assessment on time to NABET.

You are requested not to use this letter after explry of the above stated date.

With best regards,

А.К.Яга

Sepid: Director | NABET

CLIENT:	Alchem International Pvt Ltd	October					
PROJECT:	Expansion of Production Capacity with change in the product Mix for						
	Manufacturing of 'Herbal Extracts and Active Pharmaceutica.	İ					
	Ingredients* (Expansion Capacity - from 200kg / Day to 735	!					
	KG/Day]ofAlchem international Pvt. Ltd Situated at SP-Z-5, RHCO						
	Industrial Area, Neemrana Nagar, Tebsil- Nemrana, District - Alwar .						
	Rajasthan .						
Environme	nt Clearance issued fromSEIAA Raj Letter Vo						
F1 (4)/	SEIAA/SEAC-Raj/Secti/Project / Cat 1(a) B1 (15361)/ 2019-20 dated						
	24/07/2019						

#### 1. EIA Follow Up:

ject: Expansion of Alchem International Pvt Ltd			
SP-2-5, RIICO Industria) Area, Neemrana Nagar, Tehsil- Nemrana, District -			
Alwari, Rajasthan			
Alchem International Pvt I.td Limited			
SP-2-5, RHCO Industrial Area, Neerorana Nagar, Tehsil- Nemrana, District			
Alwar, Rajasthan			
Environmental Clearance issued by SEIAA Rajasthan vide letter no F1			
[4]/SEIAA/SEAC-Raj/Sectt/Project / Cat 1(a) B1 (15361)/ 2019-20			
dated 24/07/2019			

#### EIA Follow up:

#### EIA follow up elements:

- 1. Monitoring: The samplings based on 24 hours are collected at site. The analysed results are compared with the baseline computed during the Environmental appraisal and the deviations are warranted with reasons. The predicted impacts in pre- decision stages are evaluated with the environmental impact statement.
- 2 Evaluation: Appraisal with regards to standard and compliance to the Environmental conditions It is a demonstrative tool to indicate the performance of a project.
- Management: An addresal process to the deviation identified during the evaluation process with action plan and budgeting.
- 4. Communication: The compliance of EIA follow up is communicated to the stakeholders through the periodic submission of reporting of EC compliance.

#### Scale of Application:

The level of analysis is confined to the compliance of the regulatory conditions to be implemented at micro levels. The continual compliance with respect to the stage of project development is adhered to the utmost transparency level

#### Validity of the statutory approvals obtained:

- Environmental Clearance has been issued vide letter no F1 (4)/SELAA/SEAC-Raj/Sectt/Project / Cat. 1(a) B1 (15361) / 2019-20 | dated 24/07/2019 (Annexure-1)
- CTO for existing production of herbal extracts & its purified products was issued vide letter no. F (Tech)/ Alwar (Alwar)/4073(1)/2018-2019/4767-4769 dated30.10.2018 valid up to 30/04/2023 (Annexure2)

Si No	Particulars 4.3.4	Details *	Status
1.	Category/ Item no (in	Cat. 5(f)	No change
	Schedule)		!
<u>.</u> 2	Location of Industry/	SP-2-5, RHCO Industrial Area.	No change
	Project	Neomrana Nagar, Tehsil-	
ļ		Nemrana, District - Alwar .	
	!	Rajastinan	
	Plot Area	769705Qm	No change
4	Project Cost	The existing project cost of	1
:		the unit is 101.11Crore as	ı
	i	mentioned in the EC and the	ı
!	l	expansion will attract	
	! ·	additional investment of	į
Ι	1	Rs.D.2395 Crore Thus the	
		total project cost after	i .
1	İ	Expansion was estimated as	I
!		Rs 101.3495Crore	'
5	Water Requirement &	Fresh:Z00KLD; Recycled 97	The expansion in water demand will
	daily Source	l KLD	be met by existing bore well after
!	•	!	obtaining permission from CGWA
		I	! Fresh application for withdrawal of $\cdot$
ı	1	ı	ground water to the tope of
	I		additional 136 KUD [Existing 64
i	'		<sup>1</sup> KLD + Proposed -136KLD = Total -
:		I	200 KLD) has been online uploaded
1	I		on dated 26.09 2017
6.	Energy	The power requirement of the	The file for additional load sauction
i		project after expansion is	will be taken up in parallel.
	1	estimated as 2000 kVA	ı
:		remaining will be mot from	1
	1	JVVNI, as and <b>while</b> required.	
17.	STP	STP of capacity: 20XLD:	· No change
į		Technology Activated Sludge	1
		Process (ASP) technology	
Ι.		<del> </del>	<del></del>

B. ETP		Expansion from 50 KL to 120	This will be taken in sync with the
		KI.D	project expansion.
· Ģ	Green belt/plantation	Total developed area is	No change
	area and $%$ of total	26.170 SQM i.e. 34 % of the	
	area in Ha	total plant area	

īs.	Candition — — — — — — — — — — — — — — — — — — —	Status	Remarks/Action plan
No.			
Spec	ific Conditions		
<u> </u>	The EC is issued for the proposed expansion	Point noted	
Ċ.	of production capacity from 200 Kg per day	:	
i	to 735 Kg per day with change in product		
	mix for manufacturing of herbal extracts		
	and active Pharmaceutical Ingredients as		!
	per details mentioned in above table.		·
i 2. "	The PP shall obtain Consent to Establish and	Point noted and will be compiled.	
	Operate from the Rajasthan State Pollution	The application for obtaining CTE has been submitted to RSPCB on 23 <sup>rd</sup> Sept	
!	Control Board under the provision of the	20 i 9. Copy enclused as Annexure- 3	
	Water [Prevention and Control of Pullution)		
\ <u>*</u>	Act, 1974 and Air (Prevention and Control of		
	Pollution] Act, 1981, before carrying out		
	production activity.	: ]	
<u>`</u> , ≰.	The PP shall make compliance of the	Point noted and being complied	
İ	provisions of the Environment (Protection)	i I	
	Act, 1986 and the roles and notifications	·	
	issued there under		
4.	They bC is issued from the environmental	Paint noted and agreed	:
1	angle only, and does not alisate the project		
	proposent from the other statutory		•
	althousand presented under any other law		

or any other instrument in force. The sole and complete responsibility, to comply with ! the conditions laid down in all other laws : for the time being in force, rests with the industry/unit/project proponent. appeal against this environment clearance shall lie with the National Green Tribonal, if : preferred, with a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.

As committed, the PP shall earmark and . cost towards various environmental, measures in the existing plant protection measures and implementation of | various activities under Environmental Management Plan.

The funds allocated towards environmental protection measures. The unit has undertaken spend an amount of Rs. 711.75 Lac as capital | is/will not be diversed for any other purpose. The amount of Rs. 305.75 lakbs | continual development and cost and Rs. 75.00 Lac per annum recurring had expended towards implementation of environmental protection, has already planted 500

> The construction of expansion project yet to be stared After commissioning earmarked fund of Rs. 406 lakhs capital along with recurring cost will be utilized.

S. No.	Description of Item	Capital Cost
		Existing (In
	¦ ,	lacs)
1.	Air Pullution Control/ Noise	50
2.	Water Pollution Control	<u>- 90</u>
3.	Environmental Monitoring and Management	150
- <sub>4</sub>	Green Belt Development	7 75
5.	Occupational Health	В

trees inside and outside the premises. The expenses towards this has been spent to a tune of 65,000/ (approx.) Rest of the expenses towards the PCM will be implemented in sync with the project expansion. The ongoing expenses towards

health are being incurred.

4Ht

Monitoring,

as per the norms.

Environmental:

оссыратюва

	····	[	Total	·	305.75				
  - 		started,	is allocated for the proposed exist Rs. 406 lakhs crores with reculting plan for the same is as for	rring amount o					
			Description of Item	Capital Cost	Recurring	Cost '			
!			!	Proposed	(In Lacs	<b>i)</b>			
	ı		I	(In Lacs)			 		
į		<u> </u>	Air Pollution Control/ Noise	20	В		:		
•	İ	- <sub>2.</sub>	Water Pollution Control	200	30				
Ì		3	Environmental Monitoring	72	1 30	;			
			and Management						
9		4.	Green Belt Development	10	5	_			
-		5."	Occupational Health		2	]	!		
! ا ا			Total	406	75	i	İ .		. ]
ն կ	The PP shall earmark and spend an amount		ted and being complied					action pla	- 1
	or Rs. 38.75 Lac as (SR [during 2018-22] as		ount of Rs 438.75 Lac proposed				heen give	п іл А <i>ррепа</i>	fix A
'	per the proposal submitted and the detailed.	_	sibility (CER) shall be utilized as o						
	action plan he submitted to RSPCB at the		the company had undertaken va		lor CSR. The	details	! :		į
	time seeking CTE.		eguted under CSR is enclosed as A						
7	Total water demand for proposed expansion	Total w	ater demand for proposed expan	ision will be 29	7 KLD (fresh	water			;
	will be 297 RLD (fresh water domaind 200	aemand	1200 KLD and the recycled water	demand is 97 Kl	.D).		! !		
:	K.D and the recycled water demand is 97	The exp	pansion in water demand will b	e met by existr	ing bore we	II aséter 	:		
	KLDJ. The necessary permission of water	alu.iinii	ng permission from CGWA Fre	sh application	tor withdra	wal ef			

	i supply should be obtained and submitted to ground water to the tune of anddomak 136 KLD (Existings 64 KLD +	
	RSPCB. For withdrawing ground water from Proposed (136KLD = Total - 200 KLD) has been online uploaded on dated	1
!	hore wells, necessary permission from 26.09.2017 Copy is enclosed as Annexure-5	
I	CGWA shall be taken.	
8.	The industrial waste water will be treated in Point noted and will be complied	,
	ETP of 120 KLD rapacity followed by two	
	stage RO plant, keeping zero liquid	
	discharge (7LD) by way of reusing of entire	
i	treated waste water in cooling tower. The	İ
	RO reject waste water shall be disposed	ĺ
	through adequate capacity Multi Effect	
	(MEE) plant so as to maintain ZLD. The	
1	construction of the ETP, RO plant and MEE	
ا <del>دی</del> ا	should be carried out smultaneously with	
ļ	that of the project and should be functional	
.	before the project is put into use. An	
97	independent expert shall clarify the	
- I	installation of the Effluent Treatment Plants	
•	(ETP). RO & a report in this regard shall be	
.	submitted to the RPCB, before the project is	
	commussioned for operation. Treated waste	
!	water shall conform to the norms &	ĺ
l 	standards of the Rajasthan State Pollution	ĺ
i	Control Board.	
<u>a.</u> i	As already committed by the project i Point noted and will be complied	
!	proponent. Zero Liquid Discharge shall be	

٠,

	_	
Γ	j	nsured and no waste freated water shall be
	I	ischarged autside the premises
ł	10.	he project proponent shall provide online • Camera & flow meter will be installed with the plant erection and will
		ontinuous manutoring effluent, the unit be completed prior to CTO.
]	1	half install web camera with night vision
i		apability and flow meters in the
	_	hannel/drain carrying effluent within the
1	-	remises.
-	11.	he domestic waste water will be treated in The domestic waste water is being treated in existing ST9, confirming to
ŀ		TP of 20 KLD capacity and treated waste prescribe standards, is being used for plantation and same will be followed
		vater, confirming to prescribe standards. after expansion also.
j		will be used for plantation and other gainful. The results of the STP treated waste water is enclosed as Annexure-6
7		utilization within the premises.
	12	The ETP, STP and BO shall have a separate. The ETP, SEP and RO had been provided separate hour meter and energy
		nour meter and energy meter and the meter and the record of the same are being maintained. Copy enclosed as
i		record of the same shall be maintained. Annexure-7
}	13.	The PP should provide at least 4 no. of The perzeometric well in the premises has been provided and the
:		peizeometric wells in the premises and the photograph of the same is enclosed as Annexure 6.
ı		ncotrons of such wells sha't be decided in
		consultation with regional officer and shall
l		catry and half yearly monutoring of these
;		wells Location of these wells should be
		shown in the map
	14	Process elflores/any waste water shall not. Process efficient/domestic waste water is not allowed to mix with storm
i		he allowed to mix with storm water. The "water, The separate storm water drains have been provided in the plant to l

		sterm water from the premises shall be	ruffert the same time photographs of the storm water draws are enclosed as	:	
;		collected and discharged through a separate		i	
		conveyance system.		·	
!	15	The PP shall achieve the stack emission	The regular stack emission and ambient air monitoring is being curried out	: !	
ļ		standards and ambient air standards as		į	
		notified under E.P. Rules 86 and pts.	The monitoring results of the stack emissions and AAQ is enclosed as		
	!	subsequent amondments.	Annexure-10	!	
ľ	16,	The beight of the stack for dishursement of	The 30 m height of the stack to the boilers (common stack) has been		
			provided for disbursement of the process emissions.		
		30.00 Mtrs. from ground level.	All DG sets have been provided stack height as per CPC3 norms.		
l	ļ		The photographs of the stack are enclosed as Annexure 11		
-	17.	In case of coal fired builty, the PP shall	The fuel used in the existing boiler is husk and exhausted herbs	It is proposed to install	
ž		explore the possibility of use of gas.		gas/HSD fired boiler of 4	
•	!			TPH to reduce the pollution	
İ	1			level	
! ;	18.	The particulate matter and gaseous	The regular stack emission and ambient air monitoring is being carried out	·	
		emissions [SO <sub>1</sub> , NO <sub>2</sub> , CO <sub>2</sub> , Chetc ]from	as per CPCB/RSPCB norms.		
15	ر ا	various processes/units/storages shall		 	
1	•	conform to the standards prescribed by the			
	j	State Pollution Control Board/Central			
Ι	ļ	Pollution Control Board or under the		1	
		Environment (Protection) Rules'86 from			
		time to time.			
Ţ	9. T	The Project Proponent shall provide online	The CMS has already been installed on the existing stacks and is in sync with	, · · · — —	
		continuous monitoring system at all the			
	j	major stacks (if applicable) as per the CPCB -			
			<del></del>	, I	

	guidelines and ensure connectivity of the	
	sante with CPGB & RSPGB Server.	
20.	At no time, emissions shall go beyond the	Point noted and agreed
!	prescribed standards. IN the event of failure 1	
ļ	of any pollution control system adapted by	
	the unit, the unit shall immediately put off	
!	operation and shall not restart until the	!
_	control measures are rectified to achieve the	
<u> </u>	desired efficiency.	
<b>3</b>	Ambient air quality monitoring stations	Ambient air quality monatoring stations has been set up in 4 locations
Þ	shall be set up in the down and direction as	considering the down and direction. The results of the AAQ monitoring is
!	well as where maximum ground level	enclose(i as Annexure -10
	concentration of PM:u& PM25, 50s, NO5, CO.	
	(Ogare anticipated in consultation with	
İ	Rajasthan State Pollution Control Board	
22.	The National Ambient Air Quality Emission	The regular stack emission and ambient air munitoring is being carried out
	Standards issued by the Ministry vide GSR	as per CPCB/RSPCB norms.
i	No. 826 (E) dated 16th November, 2009 shall	ļ
!	he complied with.	i
7.3.	The project proponent shall carry out	The regular stack emission and archient air monitoring is being carried out
	regular monitoring of air emissions (at	
	[ source, work environment, and ambient air)	i l
	and assessment of performance of Air	
	polaction control arrangements	
24	Porthogs and sampling facilities shad be	Partholes and sampling facilities has been provided by the stack emissions
		•

	. Brown led for the strong and st
I	provided for the stack emissions monitoring amonitoring as per the CPCB guidelines. Stack emissions monitoring exported
1	as per the CPCB guidelines. Stack emissions poor regularly
	shall be reconstrued in consultation with
	RPCB
25.	The PP shall draw the Safety. Health & Point noted and agreed
!	Environment (SHE) Plan and subant to
!	RPCH.
26.	Data on ambient air quality and stack Point noted and is being complied
	emissions shall be submitted to RPCB, once
	in six months carried out by
	MOEF/CPC8/Govt. approved Jab.
27.	The PP shall provide separate drainage and Separate storm water drainage has been provided to prevent the mixing of
i	outlets with the precaution that the storm, the storm water with waste water sludge.
1	water shall not come into contact with
<u> </u>	waste water sludge.
23	The unit shall obtain proper authorization. The unit has already obtained authorization from Rajasthan State Pollution.
70	from Rajasthan State Pollution Control Board, as per HWMHR-2016. The copy of the same is enclosed as
-	Board, if it generates any waste which falls   Annexure-12.
Ì	under the purview of HWMNR-2008.
29.	Handling, manufacture, storage and Point noted and agreed
	transportation of hazardous chemicals shall
	be in accordance with the Manufacture,
	Storage and Import of Hazardous Chemicals
ί	Rules. 1989 (amonded to)! date).
30.	Adequate measures for the control of noise   Measures for the control of noise has been taken to reduce the noise levels
	shall be taken so as to keep the noise levels. Delow B5 dB (A) in the work environment. Far muffs/plugs/PPE has been
· —·	

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								<del></del>
	helow 85 d3 (A) in the work environment	provid	led to the	vockers		<b></b>		 
	Persons working near the machines shall be							İ
.>	pravided with well-designed car							
ټ	moffs/plugs and other personne' protective							
•	equipments.							
31 -	Suitable alarm system and standards	Adequ	iate fire (i	ghtin <b>g</b> inclu	ding ala	irm system has been prov	nded at suitable	
	procedure for transmitting the information	places	within t	ie plant pr	omises	for transmitting the info	rmation on the	į
	on the occurrence of an accident to the	occur	rence of a	an accident	The p	hotographs of the same	is enclosed as	ļ
	proper focal point shall be established.		xure-13					<del>.</del>
32.	Efforts shall be made to increase given helt		-					The company will plant
	al', around the premises. Native plant	1550	(a.e. almo	st 34% of	total pi	oject area), photographs	of the same is	
10	species shall be selected for this purpose en	englo	sed as Alun	exure 14		——————————————————————————————————		the premises in next two
72	consultation with the local Forest	S.	Year	Existing	Area	Name of Species	Expenditure	years (no 2018   19 and
	Department A green belt development plan	No	!	plants	(Ha.	planted	(Rs. In Lacs)	2019 - 20) to enhance the
	he prepared and implemented so as to cover			(Nos.)	. )_	,	· i	plantation density Balance
	at least 33% area of the plot size.		Up to	1100		Neent, Sheestiam,	i l	1350 saplings will be
			2010			Gulmohar, Phycos,	4,65,000/-	planted outside the
		Ż	2010	50	İ	Karan;, Peepal,	i l	premise in three years i.c
		!	' - 11		 :		į	(2020- 21 to 2022-
	1	; 3	2011	60	261	above all many shrubs	plant	23).Detailed action plan has
		¦	, 12		/	species i.e. Kaner.		been geven in Appendix B
		i` 4	2012	70		-Buganvelar etc planted. L	i	
	•	١.	1 13	l	 	at road side, working	•	:
		. 5	2013	30		area, periphery of plant	! area,	

			- 14	· ·—				
I	1	: İ .		!		pitarises	, pempher;	у IH ;
I	I	, h	2014	50	:		plant)	<u> </u>
	•		- 15	i	'		Capital	ost :
		7	2015	30		1	rof sapi	ings i
		li	- 16		1	İ	including	
i	!	. 8	2016	 B0			rate	of
-	'		1 17				saplings,	- !
		1 5	12017	80	!		digging.	ı :
	'		- เ8				maintena	nce
		3	iotal		_	l	@Rs. 36	
! i	; ;	1		1,550			per plant	"" [] [
			ľ		1		per man	
33,	The PP shall provide stacks of adequate	30 m	stacks of	- Indonesia I	L Ca		j	<del></del> i
4							ne D.G. Set (1X1000	
<b>       </b>		guidel		annig witt	acousti	enciosures far	noise control as per	CLCB
	noise control as per CPCB guidelines. The	Konder	itics.					\$
	DG Sets shall comply with the norms							Ì
	notified under Environment (Protection)							į
1	Act. 1986.							<b> </b>
! 🦼 🚽	·							i
34. !	A qualified person in the field of	The Di	MC bas al	ready bea	n establ	ished under con	tro) of Vice preside	ent to
[	environment ur separate Environmental	impler	nent and c	arry out n	មោត្តវិសាយ(	ig and implemen	tasion of EMP	<u> </u>
6	Management Cell to be established to							j
	implement and carry out various functions							
	is set up under the control of a Senior							
i	Executive who will report directly to the							
ļ	head of the project.							
	· · - ·				<u> </u>			

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35	The PP shall provide all necessary facilities	There will be no residential facility provided for local labour in the nampus.	
		All the labour required for the expansion will work only one shift. Thus the	
		above facility will be restricted to health facility, sanitation facility, sale	
:	camps, and toilets for women, creche for	drusteing water and toilets for women. An amount of Rs. 5 Lac as capital cost	
	infants etc. for labors, As proposed the $PP_{\perp_1}$	and Rs. 0.5 as annual recurring cost for labor welfare will be incurred as a	
	shall cormark and spent an amount of Rs. 5	part of the contract to the plant erection team	
	Lac as capital cost and Rs 0.5 as annual		
1 2	recurring cost for labor welfare.	. <u> </u>	
34.	The PP will ensure that no employer or	Point noted and is being complied	
ļ	worker remains on duty within the plant		ļ
	premises for more than 8 hours per day to		ļ
2	one stretch in normal conditions. However,		•
1	based on plant operation and maintenance		
ļ	tasks, overtime can be provided as per the		
i I	Rajasthan Factories rules for personnel		
ļ	deployed for more than 8 hours.		
37.	The funds earmarked for the coveremental	Purist noted and will be complied	
	protection measures shall be kept in		!
i	separate account and shall not be diverted		: 
!	for other purposes and year wise		İ
	expenditure shall be reported to the		
İ	Rajasthan State Pollution Control Board		
1	under the rules prescribed for		 
	environmental audit		:
38	The Periodical medical checkup of the	The Periodical medical checkup of the workers is being done in six ineaths.	
	•		

	workers shall be done in six mooths and and records of the same is being maintained Copy enclosed as Annexure-15	
ı	records maintained and effects of fluorine	!
	on human health need to be taken into	
i	special consideration	į
39	The PP shall ensure that, the EC letter as Point noted and will be complied	-
	well as the status of compliance of EC	į
	conditions and the monitoring data are	į
1	placed on company's website and displayed	
i	at the project site.	
40.	The SEIAA, Rajasthan reserve the right to Point noted	
	add new conditions, modify/angua? any	
	conditions and/or to revoke the clearance if	
	implementation of any of the aforesaid	
	rondition/other stepulations imposed by	}
	competent authorities is not satisfactory. Six	j
-	monthly compliance status reports on :	;
<u>-</u>	project along with implementation of	
05	environmental measures shall be submitted	
	to MoEF, Regional Office, Lucknow and	
	RPCB and SEIAA, Rajosthan.	
41.	The PP shall obtain prior clearance from Point noted	
	forestry and wild life angle including	
ı	clearance from standing committee of	
:	National Board of Wild Life, as applicable. It	
	is further categorically stated that grant of	
	EC does not necessary implies that forestry	
		1

	COMPLETE CONTRACTOR		·· ·
į-·		·-· · · - · · · · · · · · · · · · · · ·	
	and wild life clearance shall be granted to		1
	the project and that proposals for the		i
!	forestry and wild life clearance will be		
	considered by the respective authorities on		
!	their merits and decisions taken. The	:	į
	investment made in the project, if any based	i	į
بر	on EC so granted, in anticipation of		
í.	clearance form forestry and wild life angle		
1	shall be entirely at the cost risk of the PP		
	and MODE shall not be responsible in this		
5	regard in any manner		
<b>9</b>	The project proponent shall comply with the	Point noted and is heing complied	
	provisions contained in this Ministry's OM		
:	vide F. No. 22 65/2017-JAJII dated 19 May		
į	2018, as applicable, regarding Corporate	<u> </u>	
i	Environment Responsibility.	i ;	
43.	The company shall have a well laid down	The company has already formulated environmental policy and copy of the	
 	coveronmental policy duly approved by the	same is enclosed as Annexure 16	
i	Board of Directors. The environmental		
	pulicy should prescribe for standard		
	operating procedures to have proper checks		:
	and balances and to bring into focus any		
	infringements/violation of the	!	
i	environmental/forest/wildlife	; 	
ı	! ! norms/conditions. The company shall have	1	1
			•

	defined system of reporting
	infringements/deviation/violation of the '
!	environmental/fm est/wildlife
!	norms/conditions and/or
ŀ	· shareholders/stake holders. The copy of the
	board resolution in this regard shall be!
i I	Submitted to the MoLF& CC as a part of six-
I	monthly report.
44	A separate Environmental Cell both at the Foint noted and complied
	project and company head quarter level,
	with qualified persunnel shall be set up
	under the senior Executive, who will .
	directly to the head of the organization
15.	Action plan for implementing EMP and Point noted and will be complied
ざ	environmental conditions along with
	responsibility matrix of the company shall
	be prepared and shall be duly approved by
707	competent authority. The year wise funds
ব	earmarked for environmental protection
l i	measures shall be kept in separate account
	and not to be diverted for any other
1	purpose. Year wise progress of
	implementation of action plan shall be
	reported to the Ministry/Regional Office
·	along with the Six-Monthly Compliance
	Report,

46.	Self-environmental audit shall be conducted. Point noted and will be complied.
•	annually. Every three years third party
	environmental audit shall be carried out
Gener	al Conditions
1: 7	This EC is issued from the environmental. Point noted and agreed
:	angle only, and does not absolve the project
j !	proponent from the other statutory
	obligations prescribed under any other law
- <del></del>	or any other instrument in force. The sole
10.1	and complete responsibility, to comply with
ı	the conditions laid down in all other laws
<u>.</u>	for the time being in force, rests with the
\$0₽	industry/unit/project proponent. Any
-	appeal against this environmental clearance
	shall lie with the National Green Tribunal, if
	preferred, within a period of 30 days as
!	presembed under section 16 of the National
i	Green Tribunat Act, 2010.
; 2.	No further expansion or modifications in the Point noted
ļ	project shall be carried out without prior
ı	approval of the SEIAA/Ministry of
	Environment and Porest as the case may be
!	In case of deviations or alterations on the
	project proposal from those submitted to
	this Authority for charance, a fresh
	· ·

	reference shall be made to the Authority to	
	assess the adequacy of conditions imposed i	
İ	and to odd additional environmental	
I	protection measures required, if any.	ı
3.	The implementation of the project vis-5-v.s. Point noted and will be complied	:
	environmental action plans shall be	l
1	monitored by MoEF Regional Office at	
;	Lacknow/RSBCB/CPCB/SEIAA, Department	
ļ	of Environment, Covernment of Rajasthan.	
İ	Jaipur and this office. A six monthly	
	compliance status report shall be submatted	
	in monitoring agencies.	
<b>3</b> .	The EC is hable to be rejected, in case it is Point noted	+
2	found that the PP has deliberately concealed	
	and furnished false and misleading	
! <u>=</u>	information or data which is material to	
6	streening or scoping or appraisal or	
	decision on the application for EC	
5.	The project authorities shall inform the Point noted and will be complied	
	MoEF Regional Office at	
	Lucknow/RSPCR/CPCB/SEIAA, Department	
	of Environment, Government of Rajasthan,	
	Jaipur/Regional, Jaipur and the date of	
	tinancial closure and final approval of the	
	project by the concerned authorities and the	
!	date of start of the project	
		L

į 6.	Olficials from the Department of Point noted	-
	Environment, Government of Rajasthan.	
!	Jainur/Regional Office at MoEF. Lucknow,	
 	RSPC9 who would be monitoring the	
!	implementation of Environmental	
	safeguards should be given fult cooperation.	
,	facilities and documents/data by the project	
	proponents during their inspertion. A	
ļ	complete set of all the documents submitted	
! 	to SEIAA should be forwarded to the CCF,	
!	Regional Office of MoRF, Lucknw/SEIAA,	
•	   Department of Environment, Covernment of	
Ξ	Rajasthan, Jaipur/RSPC9.	
Γ,	The Authority reserves the right to add Point noted	
į	additional safeguards measures	İ
ļ	subsequently, if found necessary, and to	-
	take action including revoking of the	Į.
	environment clearance under the provision	į
	of the Environment (Protection) Act, 1986.	į
!	to ensure effective implementation of the	į
!	suggested safeguard measures in a time	i
	bound and satisfactory manner.	
В	The project proponent should advertise in. The advertisement has been given in two local Newspapers informing that	į
	Let least two foral Newspapers widely the project has been accorded environmental elearance and copies of	
!	circulated in the region, one of which shall clearance letters are available with the Rajasthan State Pollition Control .	i :

:	The in the vernacedar language informing that I Beard and may also be seen on the website of the RSPCR. The copy of
1	the project has been accorded advertisement is enclosed as Annexure-17
	environmental elearance and copies of
:	clearance letters are available with the
į	Raiasthan State Pollution Control Roard and
	may also be seen on the website of the
1	RSPCB. The advertisement should be made
	within 7 days from the day of issue of the
	clearance letter and a copy of the same
	should be forwarded to the Regional Office
' !	at MoEF at Lucknow/Department of Beology
	and Environment, Government of Rajasthan,
=	Јаврис
	The conditions of EC shall be enforced Point noted
	among others under the provisions of water
'	[Prevention and Control of Pollution) Act,
	1974, the Air water (Prevention and Control
ļ	of Pollution) Act, 1991 and EIA Notification,
'	2006, along with their amendments and
	rates.
10	The PP shall obtain prior clearance form Point noted
	forestry and wild life angle including
	rlearance from standing committee of
	National Board of Wild Life (as applicable),
	it is further categorically stated that gram of
١	EC dues not necessary implies that Forestry
	— — — ·- ·- · · · · · · · · · · · · ·

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	·-··		 
	and Wild life clearance sna'l be granted to		
: I	the project and that proposals for forestry		į
j	and wild life clearance will be considered by		
	the respective authorities on their decision		-
	taken. The investment made in the project, if		
	any based on EC so granted, in anticipation		
  -	of clearance form Furestry and Wild Life		ļ
 	angle shall be entitely at the cost risk of the		ļ
	PP and MOEF/SEIAA shall not be		}
11.	responsible in this regard in any manner.		 
11.	The SEIAA, Rajasthan may revoke ur	Point nated	
	suspend the clearance, d implementation of		
! '	any of the above conditions is not		
!	satisfactory		 
17	Main haulage road should be provided with	The regular water sprinkling on roads with water tankers fitted with	
	permanent water sprinklers and other roads	sprinklers is being attended. The material transfer is being done in closed	
1	should be regularly wetter with water	loops	
	tankers fitted with sprinklers. The material	Photographs is enclosed as Annexure-18	
	transfer points should invariably e provided		
İ	with Bag filters and or dry fogging system.		
i	In case of Belt conveyors facilities the		i
	system should be fully covered to avoid an	<u> </u>	i
	borne dust, like of effective sprokler system.	i	1
i	to suppress lugitive dust on haul roads and	· ;	
į	other transport roads shall be casured.	•	

. 13	Periodic monitoring of anobient air recality   4 monitoring Locations has been setup based in the meteorological data.
	shall be carried out for PM, PM, SPM, topographical features periodic monitoring of amberot air quality is being
	SO <sub>2</sub> , NO, monitoring, Location of the stations - curried out for PM <sub>10</sub> , PM <sub>20</sub> , SO <sub>2</sub> , NO, monitoring
	(minimum 6) shall be decided based on the
ı	meteorological data, topographical features (
:	and cover-numeritally and ecologically
I	sensitive targets and frequency of
	monitoring shall be decided in consultation
	with the Rajasthan State Pollution Control
!	Board (RPCB) Six monthly reports of the
İ	data so collected shall be regularly
: 	submitted to the RPCB/CPCB including the
	MoEF, Regional office, Lucknow
14.	Personnel working in dusty areas shall wear PPE has been provided to all Personnel working in plant areas the training
ļ. <b>.</b>	protective respiratory devices they shall and information on safety and health aspects has been provided to all.
113	also be provided with adequate training and
	information on safety and health aspects.
15.	The ambient noise level should confirm to Periodic ambient noise level monitoring is being carried out and the
	the standards prescribed under E (P) A monitoring report is enclosed as annexure-19
l	Rules, 1986 viz 75 dB (A) during day time (
!	and 70 dB (A) during night time.
16.	The PP shall submit an environmental Environmental statement for the financial year ending 31st March in Form-V
	statement for the financial year ending 31st as prescribed under the environment (Protection) Rules, 1986, bas been
	March in Form-V as prescribed under the regularly submitted to RSPCB copy enclosed as annexure-20
	environment (Protection) Rules, 1986, as The status of compliance of environmental clearance conditions will be sent
	amended subsequently on or before the 30% to the Lucknow Regional offices of MoEF/SEIAA by e-mail as well as hard

ļ	day of September every year, to the copy	
!	Rajasthan State Pullution Control	i
	Hoard/SKIAA and shall also be put on the	
i	website of the company, along with the	į
.	status of compliance of environmental	
	clearance conditions and shall also be sent	
<b>-</b> ∣	to the Lucknow Regional offices of	i
	MoEY/SEIAA by e-mail as welt as hard copy	İ
•	duly signed by competent person of	
•	cumpany.	

## Appendix -A

	Activity As per Schedule VII		Budg	et propos	ed.		]	Work done	:
No.		2018-19	2019-20	2020- 21	2021· 22	2022- Z2	2018-19	2019-20	Action plan
	Installation of approx 10 kW of Solar Panels Photo Voltare On Grid Connection with Net Metering along with grid connecting facilitation for Government Institutions/ Installation of Solar Street Lights at Various Locations around the Hab totion or Public Roads, Necrosana: Rogheyallichi Madhyannik Viellionlya, Necrosana	5,15,000	5,15,000	5,15,000 ! 	5.15,000	-			been sent to the tals. Awaiting their
 	Rogleyedichk Machyanak Valhyalya Audhwal								! i

Ι.	Covernment Hisspital , Neemouna	· · · · · · · · · · · · · · · · · · ·
	Or Solf sustainable Solar Paneled Street Lights	<u> </u>
	towards the Approach road of Necturana	I
	habitation with due periodssions & associations (	·
<i>!</i>	from the PWD, Necmrana.	į l
	Solar Water Heaters   18,000/- (Per 100	
!	Later)	
	Solar Panels 72,500/- (Per Ponel)	
ı	Solar street Light 16,000/ (Per	
	Integrated Panel integrated Panel)	
lı	*The installation Solar Panels shall vary based on	:
	load capacity of the facility & Terrace/Stand	
	utility facing sunshine.	
	Time Line : Quarter 3 per year per Location in	
	case of Solar Panels /	, , , , , , , , , , , , , , , , , , ,
1 ++	Quarter 3, 32 Solar Street lights Per Year Same	
	location.	
2.	Infrastructural development at nearest 3,45,120   1,11,250   -   -	The requirements desired by the SDM, Neemrana
. ــ ا	Government Institutions including Schools and	for installation of Computers in FFI, Neemcana was
<b>15</b>	Hospital given below including:-	complied with an details of the same is enclosed as
5	Elbrary for Reading Books for Children upto	Annexure-21
	classes	
	Installation of Digital Laboratory for Computer j	
	Installation with 1 Printer each.	
	Rajkiyatichii Madhyamik Villiyatya, Necmrona	
	RajkiyaUchh Madhyanik Yidhyalya,Budhwal	!

<u></u>	Government Hospital Necarrana	 _			:	T · · · · · · · · · · · · · · · · ·	ļ
			!		ĺ		i
	For the Government School following:	İ					l
	Electrification and furnishing of Computers						
	UPS/Inverter	ı					
	4 Desktop Computer for each School with						
	installation		i		ļ	i I	i
 	Time Line : Quarter 2 , 2 weeks for each School	)			:	Į	
1	(Per Year)					L	
3.	(A) Provisions towards Modern Health facilities	 · ·	2,50,000	58,750	2,00,000		
	up-gradation of Newly established Government			  - 		The proposed CER will be expended accordingly	
	Hospital Neemrana Building with Approx. 80			 		I	
<del> -</del>	Bedded Facility and thereby requires up						ĺ
5	gradation towards modern need based health						
1 ' 	facilities involving:-		1	:			
	Medical Instrument	ļ					
	Medical Tools & Implements repour		!			I	
	Reclining organically adjustable Beds	ļ	i				
1	Wheel Chairs for Patiest Movement		1	I	ļ		
İ	RO Installation for Patients Potable Drinking	ı			Ì		
İ	Water	! !					ĺ
	Rain water Harvesting [On availability of Funds]	İ					
!	(H) Repairs & Maintenance of UpSwastha Kendra.	i	1				ĺ
ļ	Rodhwal					i	l
	- Water Cooler Instabation & Maintenance/ Scafth		ļ	!	į		

i	Time Line: Quarter 1, Annual per year				l	<u> </u>	!
4.	lii association with Nagar Nigara Neerataria	•	2,80,000	- · ·	: !	i,40 000 <sup>i</sup>	The builget of the project yet to be implemented.
	towards Samuation facilities. Modular Toilets		:	:	I		The proposed CER will be expended accordingly
	with Water connectivity and Flushing at Public						
	Places under Public Private Partnership:		ı			 	
	Bus Stand Neemrana (4 M + 4 W = Total 8)		j				
' 	Johad Cricket Ground Necturana 2.1 Km NE (4 M				,	<u> </u>	
ļ	+4W = Total8)			l			
	Regular upkeep shall be handed over to the						
:	Nigam after successful Installation, Maintenance		: 	; 	· .		
	can be not with Re.1 Collection per user / per				j		
-	use.			:	ļ	ļ	
<b>∤</b> ⊸	Cost   Modular Toilet @ 35,000/- Approx.		ا ا				
5	Landscaping & plantation for Green Helt	2,87,380	50,000	_ :	<u>-</u>	42,500	The budget of the project yet to be implemented
-	development (community areas) along with the			ı	;		The proposed CER will be expended accordingly
	cost of tools & implements in permission with				j	!	
17	Covt Schools, Colleges & Institutions within 3.0 -				i		
~	4 0 km of the project location of Joual area :			I		- 1	
}	Green Cover in Villages:	İ			ĺ		
	Also Budhwal, Neemrana & Majri	ļ		1		-	
l .	Johad Cricket Ground Neemi ana 2.1 Km, NE	İ	!				
	Round about Traffic Circle Neemrana	: I	ļ	i		I	
	Avenue Plantation with Tree Guards: Both sides		1	ļ			
	of the Approach Road outside the premises of the						
1	proposed project/ around the habitation areas/			1			
- '		— . 1			. !		<u> </u>

Government Schools/ Panchayat premises etc.	ŗ - ¦	··· [			
Total Budget for CER (2017-18)	11.475	9.5625 7.65	\$ 7375 3.83	25 ]	i '
	30% 1	25%   20%	15% 109	%	
	l l	i J		l	

## Appendix B: Proposed Year wise plantation

S. No.	Year	Proposed	Budget	Plantation achieved	Species planted	Action plan
			(Rs. in Lacs)	Nos of plants planted		
1	2018-19	450*	1.35	500	Neem, Sheesham,	
- <del></del>	2019-20	<del>450*</del>	1.35	500	Gulmohar, Phycos.	
_	1				Karanj, Peepal, Badyan,	
=	j				Kikar etc	
<b>Xo</b>	2020-21	150-1	1.35			Plantation proposed
4	2021-22	45Ö**	1.35			will be done in the next
_ 5	2022-23	450**	1 35			years
-	Total	2,250	6.75*	1 <del></del>	T	
		j '	(Recurring Cost:- Rs. 1.50)		<u></u>	



4. Institutional Area, Jhalana Donngari, Jaipur-302 004 Phone: 141-5159600 Fax: 0141-5159697



30/10/2018

Date.

#### Registered

File No : F(Tech)/Alwar(Alwar)/4073(1)/2018-2019/4767-4769

Order No: 2018-2019/CD/6254

Unit 1d : 36837

M/s Alchem International Pvt. Ltd.

SP-2-S, Industrial Area Neemrana, , Tehsü:Behruf

District:Alwar

Sub Consent to Operate under section 25/26 of the Water (Prevention & Control of Publication Art 1974 and order section 21(4) of Air (Prevention & Control of Politherar) 5(1, 1981).

Def Your application for Content to Operate cated 25/31/2018 and subsequent correspondence.

Sir.

Consent to Operate under the provisions of section 75/75 at the Water Preventor & Control of Pollution] Act 1974 [hereinofter to be referred as the Water Act] and under section 24 of the Art (Prevention & Control of Pollution) Act 1981, (hereinafter to be related as the Art) as amended to date and rules & the orders issued theremore as hereby granted or your fudustry situated at 5P 2-5, industrial Area Neemrana hereinana Tehsit Behror District Alwar, Ragasthan, subject to the following conditions:

- t That this Consent to Operate is valid for a puriod from  $01/05/2018 \odot 30/04/2023$
- 2 That this Gensent is granted for manufacturing / producing tollowing products. In products or carrying out the following activities to operation/processes or provided left ment, services with capacities given below.

Particular	Туре	Quantity with Unit
Ferhal Extracts & Its Purified	Product	200 00 KG PTR (M)
Products		

- 3 That this consent in operate is for existing plant process & capability and separate consent to establish/operate is required to be taken for any addition / modification / operation to process or change in capability or change in fact.
- 4 That the apartity of efficient generation along with mode of disposal to the first of efficient shall be as under:





# Rajasthan State Pollution Control Board 4, Institutional Area, Jhalana Doongari, Jaipur-302 004

Phone: 141-5159600 Fax: 0141-5159697

#### Registered

File No . . F(Tech)/Alwar(Alwar)/4073(1)/2018-2019/4767-4769

Order No. 2018-2019/CD/6254

Dint 1d 36357

Date: 30/10/2018

Type of eiffuent	Max. effluent generation (KLD)	Recycled Qty of Effinent (KLD)	Disposed Qty of effluent (KLD) and mode of disposal
Эниценіс Sewage	5.600	NII.	5.000 Septic Tank and Soakpit
i code (it/luga)	ZD.OCO	NJL	29.030 £1.9

3 That the Cause's of air entmissions along with pullation control measures and the crossons standards for the prescribed parameters shall be as under

Sources of Air Emmissions	Pollution Control	Pro	escribed
	Measures	Parameter	Standard
Agno Hess Hoder (1 No II 809II)	Multi Cycline		<u> </u>
	<u> </u>	Particulare Matter	800 mg/Am3
0.6 Sect 2 Nos (; 500KVA)	ACGUSTIC ENCLOSURE L'ADEQUATE STACK HEICHT		
			İ
Р. С. Зег (т. Мадр. гео <b>куа</b> ј	ACOUSTIC ENCLOSURE , ADEQUATIOSTACK		
	HEIGHT, Stark		
Ulisk P.ne: Bei ni (T. Ko.)( 87 PH)	ADEQUATE AIR POLLUTION CONTROL MEASURES, Bag Filter. Mobi Cyclone		
		Particulate Matter	800 mg/No.3





# Rajasthan State Pollution Control Board 4. Institutional Area, Jhalana Doongari, Jaipur-302 004

Phone: 141-5159600 Fax: 0141-5159697

#### Registered

File No : F(Tech)/Alwar[Alwar]/4073(1)/2018-2019/4767-4769

Order No: 2018-2019/CD/6254

Unit ld : 35837

Date: 30/10/2018

- 6 That the Industry will comply with the standards as prescribed vide MOEF nonlinear at No CSR 820,50 dated 16th November, 2009 with respect to National Aminero Aminero Aminero Standards
- 7 That the total capital cost of the project in the expansion phase shall not exceed to Rs. 5163.14 Lacs which includes the capital investment made in land building, plant & machinery and other miscellaneous assets.
- R That the industry shall maintain adequate stack height at all the sources of air pollution and air pollution control measures will be kept operational whenever plant is operated.
- 9 That no additional source of air pollution shall be installed without prior consent from the State Hoard.
- 10 That all the the emission sources and transfer points shall be provided with adequate pollution control measures.
- 11 That the industry shall maintain adequate infrastructure facilities for monitoring of stack emission at husk fired boiles.
- 12 That the industry shall not withdraw the ground water without permission accorded from the Central Ground Water Authority (CGWA.
- 13 That the abstraction of ground water shall not exceed the quantity for which permission has been granted by Central Ground Water Authority and water meter shall be placed at suitable places to measure the quantity abstracted, water consumed cilluent generated and effluent treated/reused on daily basis.
- 14 That water meters shall be provided and maintained at all sustable points to measure the daily water consumption and record of same shall be maintained.
- 15 That the entire trade effluent generated from the plant shall be treated in the Effluent Treatment Plant.
- 16 That the treated effluent shall be utilized for plantation/borticulture purposes within the premises and zero discharge status shall be maintained outside (be premises.
- 17 That the treated trade and domestic efficients shall be utilized for plantation/horticulture purposes within the premises and zero discharge status outside & inside of the premises will be maintained.
- 18 That the Hazardous waste shall store in designated room and shall sent to M/s. Continental Petroleum Behrot for Incheration.
- 19 That the industry shall comply with provisions of the Hazardous Waste (Management, Handling & Trans-boundary Movement) Rules, 2016 and dispusal of hazardous waste shall be ensured in according with the Rules.
- 20 That proper & scientific arrangement shall be made for utilization of treated effluent for plantation so as to ensure that cess pool formation is not created in the premises or in the plantation area.





## Rajasthan State Pollution Control Board 4. Institutional Area, Jhalana Doongarl, Jaipur-302 004 Phone: 141-5159600 Fax: 0141-5159697

#### Registered

File No. F[Tech]/Alwar(Alwar]/4073[1]/2018-2019/4767-4769

Order No: 2018-2019/CD/6254

Hutt 1d : 30837

21 That the industry shall carryout effluent sampling and ambient air quality/ Stack emission/ process emission monitoring and submit quarterly analysis report from State Board laboratory/ laboratory recognized by Ministry of Environment & Forests (MoEF), Government of India.

30/10/2018

Date:

22 That industry shall undertake suitable measures for rain water harvesting for artificial recharge of ground water.

- 2.3 That the industry shall comply with the provisions of the Storage, Manufacture & Import of Hazardons Chemical Rules, 1989.
- 24 That industry have to operate with valid policy under Public Liability Insurance (PLI) Act. 91.
- 25 That the industry shall comply with recommendation spelt out in Corporate Responsibility for Environment Protection (CREP).
- 26 That industry shall turnish quarterly compliance report of consent conditions to the Regional Office, Alway,
- 27 That the industry shall submit application for renewal of consent to operate at least 4 months before expiry of this consent.
- 28 Tast any incorrect information submitted in the consent application form or declaration shall make the industry liable for legal action under section 42 of the Water Act and under section 38 of the Air Act.
- 29 That emission/effluents found to be discharged in excess of the standards prescribed shall be punishable under section 43 of the Water Act and under section 37 of the Air Act.
- 30 That unit shall comply with all the conditions imposed by this Consent to Operate bulling which stern action will be taken against the unit.
- 3) That industry shall submit details of ozone depleting substances within one month of issuance of this letter.
- 32 from 600 to this turbing myrring provided hereinabove, the State Board shall have power of directives its right, as anotational under section 27(2) of the Water Am and under section 21(6) of the Air Act to review anyone or all the conditions imposed here in those and to make such variation as it deemed fit for the purpose of Air Act & Water Art
- 33 That the great of this Consent to Operate—is issued from the environmental angle body, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sale and complete dispersibility to comply with the conditions laid down in all other laws for the time being before rests with the moustry/project proponent.





## 4, Institutional Acea, Jhalana Doongari, Jaipur-302 004 Phone: 141-5159600 Fax: 0141-5159697

#### Registered

File No : F(Tech)/Alwar(Alwar)/4073(1)/2018-2019/4767-4769

Order No : 2018-2019/CD/6254

Unit Id : 36837

34 That the grant of this Consent to Operate shouldness, in any way adversely affect to jeopardize the legal proceeding if any enstituted in the past or that routh be instituted against you by the State Board for violation of the provisions of the Act or the Rules of the theresinder.

Паке:

30/10/2018

It is Consent to Operate shall also be subject besides the property operate combiners. On the general conditions given to the enclosed Annexure. The project property will comply with the provisions of the Water Act and Air Act and to such other conditions as topy, from time to time, be specified, by the State Board under the provisions of the atmospherical battor. Please note that, non-compliance or any of the above stated conditions when the factorisation of Consent to Operate and project proposed / occurries shall be Laber for fixed around under the relevant provisions of the said Act; s)

This bears the approval of the competent authority

Yours Sincerely

Group Incharge | CD |

#### Copy Top

- I Regional Officer, Regional Office, Rajasthan State Politican Control Board Alwar to costan the compliance.
- 2 Master File

Group Incharge[10]





#### 4, Institutional Area, Jhalana Doongari, Jaiphr-302 004

Phone: 0141-5159600,5159695Fax: 0141-5159697.



#### Registered

File No. F(HSW)/Alwar(Alwar)/61(1)/2012-2013/1275-1277

Dates 31/05/2018

Umt 1d : 36837

#### M/s Alchem International Pvt. Ltd.

SP-2-5, Industrial Area Neemrana, , Tehsil-Behron

#### District:Alwar

Sub.: Authorization for operating a facility for Collection, Disposal, Generation, Storage of Hazardous Wastes, Under Hazardous and Other Waste (Management and Transford Co., Moyement) Rules, 2016.

Reform Year application dated: 25/08/2017 received on 25/08/2017 and salisequent retriespands

Sir

- Number of authorization RPC3/HWM/2018-2019/HSW/I/SW/45.
- Application Number: 193820 dated: 25/08/2017.
- 3 AVP of M/s Alchem International Pvt. Ltd. is hereby granted an authorization based on the enclosed signed inspection report for Collection. Disposal, Generation, Storage of Hazardous waste on the premises situated at SP-2-5, Industrial Area Neemrana Telisil: Behror District: Alwar.

Details of Aethorization

5No	Type of	c	alegory	Quantity/	Hazardous Waste	
	Hazardous waste	Sch	Code	Unit i	Disposal Practice	
3	Distillation residues	ı	20.3	1 00 MT/YEAR	Approve in ne ver	
2	8 m p t 9 barrels/containers/lineis contaminated with hazardous	ı	331	100 00 NOS /ASNUM	CTDF Unalped 1 Reuse/I sent mick to supplier	
3	Organical sylvastics Used or spirit oil	ı	5.1	LHO KL/YEAR	Sales to Report of Recycles	

 $_4$  — The authorization shall be in force for period from 01/10/2017 to 30/09/2022 .





#### 4. Institutional Area, Jhalana Doongari, Jalpur-302 004

Phone: 0141-5159600,5159695Fax: 0141-5159697

#### Registered

limit 4d : 3583)

I to notion value is subject to the Indowing general and specific conditions

- A Denotes conditions of Authorization
- 1. The author sed nerson shall comply with the provisions of the Environment (Protection) Act. 1986, and the rules made there under
- $\mathcal{J}$  is to update its state of the produced for inspection at the request of an other connected by the State Poliution Costrol Board.
- s. The preson withoused shall not zent find, sell, transfer or otherwise transport the flux ardous and other wastes except what is permitted through this authorisation.
- i Any unull borised rhange in personal, equipment or working conditions as ment oned in the iop (color by the person authorised shall constitute a breach of his authorisation.
- 1. The presence, thousett shall implement Emergency Response Procedure (ERP) for which this lighter states is height granted considering all site specific possible scenarios such as spillages, lighted etc. and their possible impacts and also carry out mock drill in this regard at regular interest of time.
- 5. The necessor arthorised shall comply with the provisions bettined in the Central Pollution Control Board guidelines on Emplementing Liabilities for Environmental Damages due to Handling and Disposal of Fazardi as Waste and Penaity?
- $7~{\rm Fr}$  is the duty of the outhorised person to take prior permission of the State Pollution Control Board to a one down the Lighty.
- 8. The improved hazardous and other wastes shall be fully insured for transit as well as for any set denial occurrence and its clean-up operation.
- 9. The record of constitution and late of the empurise hazardous and other wastes shall be user cancel.
- (ii) The hazardous and other waste which gets generated during recycling or reuse or recovery or one processing of utclassion of populated hazardous or other wastes that the treated and disposed.

125



#### 4, Institutional Acea, Jhalana Doongari, Jaipur-302 004

Phone: 0141-5159600.5159695Fax, 0141-5159697.

#### Registered

File No: F[IISW]/Alwar(Alwar)/61(1)/2012-2013/1275-1277

Dates 31/00/1008

linit l**d** . 36837

of as per specific conditions of authorisation.

- 11. The importer or expecter shall bear the cost of import or expect and nutigation of damages it any.
- 12. An application for the renewal of an authorisation shall be made as laid down indeptilies. Rite si
- 13. Any other conditions for compliance as per the Guidelines issued by the Ministry of

Environment, Forest and Climate Change or Central Pollution Control Board Stone Central Pollution

14. Annual return shall be filed by June 30th for the period ensuring 31st March of the coor

#### B. Specific Conditions

- 5 That this anthorization shall ceased to be valid & shall be liable to be revoked without any further notice in case of refusal/expiry of consent to operate under the provisions of Water(Prevention and Control of Pollution) Act,1974 and Air(Prevention and Control of Pollution)Act,1981 by the State Board.
- That no recycling/re-processing of the hazardous waste covered under schedule IV shall be carried without prior valid registration with Competent Authority as recycler/ re-processor of hazardous waste under the rule 6 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- 7 That no hazardous waste shall be utilized for co-processing as a supplementary resource or for energy recovery, or after processing without prior & valid approval of Central Pollution Control Board under the rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- Here in case of any expansion or change in process or product or change in mode / practice of disposal of hazardous waste or its quantity, industry shall obtain fresh authorization.
- That the arrangements for transportation of the hazardows waste for disposal shall be done by the authorized/dedicated vehicles only.
- The authorization is subject to the conditions stated at Annexo e "A lend sed with the authorization letter and the such conditions as may be specified to the Rules for the Ontel being forced under the Environmental (Protection) Act 1986.
- The unit has to display and maintain the data online outside the focusy main gate in Boson & English both on a 6'X 4' display board in the manner & located a escribed of North of 18" and the report of the Comphanics along with photograph shall be submitted to the office & Regiona Office, time to note.





#### 4, Institutional Area, Ibalana Doongari, Jaipur-302 004

Phone: 0141-5159600,5159695Fax: 0141-5159697

#### Registered

Trie No. - F(H5W)/Alwar(Alwar)/61(1)/2012-2013/1275-1277

Date: 31/05/2019

### Drift 1d 36037

- That the about reports/returns in the form prescribed under the Rules shall be sold to the Board by 30th June of every year and records of hazardous waste Generation tandling & management shall be assutained according to the provisions of the Bazardous Waste (Management and Transboundary Movement) Rules, 2016 and show this submitted to the Board as and when asked for
- 13 The hazardors waster should not be istored for a period beyond 90 days, failing which the authorization shall defend to he myoked.
- 11 If the included that the Hazardous waste is handled, managed & disposed of strictly of accordance with the Hazardous and Other Waste (Management and Transboundary Movement) Roles, 2016. Non-compliance of the Rules or any of the conditions contained the outborization shall be tantamount to automatic cancellation/revocation of the authorization.
- 15 3.6, operator of the facility shall hable to comply any other conditions as per the galdedness issued by the MoEF of CPCB or State Board related to collection, disposal, riception storage  $\Sigma$  treatment of basardous waste.
- That Authorization is issued under the provisions of Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in horce. The sole and complete responsibility, to comply with conditions laid down in all other for the time-being in force, rests with the industry/unit/project proponent.
- First this Authorization shall not, in any way, adversely affect or jeopardize the legal processing, it any, instituted in the past or that could be instituted agains you by the State Board for violation of the provisions of the Act or the Rules made thereunder.





## 4, Institutional Area, [halana Doongari, Jaipur-302 004

Phone, 0141-S159600,5159693Fax; 0141-5159697

#### Registered

File No: F(HSW)/Alwar(Alwar)/61(1)/2012-2013/1275-1277 Date - 3 /05/2018

unu ld : 26637

This bears the approval of the competent authority.

Yours Sincerely

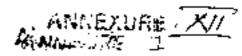
Group Incharge

#### Capy Top-

- Regional Officer, Regional Office, Rajasthar State Pollution Control Bottoi, Assar you are advise to ensure the convoliance of authorization concernes under the Bazardous and Other Waste (Management and Transhoundary Movement) Relies 2016.
- Master File.

Group Incharge







## Rajasthan State Pollution Control Board 4. Institutional Area. [halana Duongari, [aipur-307 004] Phone: 0141-5159600,5159695 Fax: 0141-5159697



#### Segistered

File No. - F[SCMC]/Alway [Alway]/1478[1]/2015-2016/210/212

Order No. 2016/2017/SCMC/2217

Unit 1d + 3683.)

 $rac{1}{2} r_{\alpha}^{2} r_{\alpha}^{2} r_{\beta}^{2} = 0$ 

Date #7/04/2016

May Alchem International Pvt. Etd.

50-3-5, Industrial Area Neemrana, Tehsil:Belaror (District-Mag)

Authoris to Operate under Alexen CSVIS of the Physical Selection & Constant Control of the Control of Policy and Authorises on CSI (A) in Am Prevention & Control of Policy and Authorises in CSI (A) in Am Prevention & Control of Policy and Authorises in CSI (A) in Am Prevention & Control of Policy and Authorises in CSI (A).

Both I four approach on for Consent to Operage dated 30703, 2013 and sebsequent form spin to mig

Sit.

Consult to Operate under the provisions of section 15/26 or the August section of Control of Parameters Against 1974 [neteriorites to on references as the Wage Against a control of Parameters as the Wage Against a control of Parameters as the Wage against the resolution of Parameters as the Parameters as the resolution of Parameters as the Parameters a

- 1. That this Consolid to Operate is valid for a period from 01/05/2015 to 30/04/2018
- 2 That this Consent is granted for manufacturing a producing of one by policy of granters on costyling out the following activities on expend in terrocosts on a product of the consentation of expenditures.

Particular	13 ре	Quantary with Crin
derbal Extracts & Ps Punded Products	Product	200 MG #EMIN-

- 3. Only take grouping to a protect of contracting group protects. A segregary contraction of a contracting of the protect o
- It is a translation of giffuent gaugination along with made of purposal for the concellulation shall be as unifor.

Maga Lin.

34

·\*\*6 **3**35



### Rajasthan State Pollution Control 80ard I. Institutional Area, Jhalana Doongari, Jaipur-302 004 Phone: 0141-5159600,5159693 Fax: 0141-5159697

#### Registered

14. No. 1 (503K) Alwari Alson (1949) (19. 2015; 2016) 210-212

Order No. 2016/2017/ACMG, 2277

Confedence Age 17

4 On 1 the total capital cost of the project in the expansion phase shall not exceed to also (830 tall) which includes the capital investment made in land, building, plant 8 machines and other misselfaneous assets.

07/04/2016

Date:

- Does the industry: Shall maintain adequate stack beight at all the sources of oid including and air published control measures will be kept operational whenever plant is equipped.
- (1) That no additional source of air pollution shall be installed without prior consent from the Mass Board
- If the the the emission sources and transfer points shall be provided with adequate pollution control measures.
- 1.7 The the industry shall maintain adequate infrastructure facilities for monitoring of stack envisors at these fired botter.
- 11 that the industry shall not withdraw the ground water beyond the permission security by the Central Ground Water Authority (CGW4) vide letter dated 19.10 2000 for abstraction of 64 KLD of ground water and daily remail of ground water abstraction shall be maintained.
- 11 that water meters shall be provided and maintained at all suitable points to occurrently design water consumption and record of same shall be maintained.
- 15 Ohar the treatest effluent shall be utilized for plantation/hosticulture purposes is then the promises and reportlying states shall be maintained nutsing the discusses.
- In this the undestry shall comply with the conditions of the NOC issued by the CCWA for well-draw of quound water vide letter no 21-4(225)/WR/CCWA/2007-1691 dated 16.12.2008.
- 17 That the treated trade and domestic effluents shall be utilized for plantation/habiteulture purposes within the premises and zero discharge status outside & invide of the premises will be maintained.
- th that the made efficient generated from the plant shall be treated in the Efficient forcement Plant
- 19 that proper & scentific arrangement shall be made for utilization of treated effluent in plantation so as to ensure that cess pool formation is not preased in the premises or of the plantation area.
- 20 that the industry shall comply with provisions of the Hazardous Waste (Management) Bandillog & Fransi-boundary Movement) Bules, 2008 and disposal of hazardous waste shall be envired in according with the Rules.
- 7: That industry shall comply with the provisions of Water (Prevention and Control of Pathologic 988 Act 1977 and deposit the Water Cess accordingly)

Alego Bland









## Rajasthan State Pollution Control Board 4, Institutional Area, Jhalana Doongari, Jaipur-302 004 Phone: 0141-5159600,5159695 Fax: 0141-5159697

#### Registere:

F(SEMG)/Alisar(Alisar)/1478(1)/2015/2016/200/202

Order No. 2016 2017/90MG/2277

1909 Rt 1 36837

Date: 97/94/8016

These more than two compliance of any  $\mathfrak{g}^{\mathfrak{g}}$  are shows stated concernes which them, if  $\mathfrak{g} = \mathfrak{g}_{\mathfrak{g}}$ resolutions of Consent to Operate and project proponent is occupied shall be exists for type actions in the interespond provisions of the and Activ.

They bear to early beat of the competent augulation

Young Sind stray

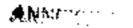
Group Dicharge( SCN).

#### Copy To

- ் வது மைய செய்யார். இத்தொடு இத்து இவுகளினர் செய்யியர் Communication பெற்றார். மெய்ய vice compliance Garage (in charge) SCALL [
- 2 Master Pile

Page 4413







### Rajasthan State Pollution Control Board 4. Institutional Area, (halana Doongari, laipur-302 004 Phone: 0141-5159600.5159695 fax: 0141-5159697



#### Registered

File No. : If (SCMG)/Alwar[Alwar]/1478(1)/2015-2016/164-166

Ruder No: 2016-2017/SCMG/2276

United to session

Date 07/04/2016

M/s Mchein International Ltd.

5P-2-S, Industrial Area Neemeana. Tehsil-Behror

District:Alwan

Solo Convent to Operate under section C5/2001 the Water Proceedings & Control 1994 and under section 21011 of Am Proceedings & Control 21011 o

Ref: A Gain application for Consens to Operate dated 27:01, 2012 and subsequential operations

50.

Consent to Operate under the poweries of section 25 25 of the A for Artistan is distinct at Palicinon; let, 1974 (becausifier to be referred by the Xi-(o) Artistant and only in 25 of the Artistant section of Policinon). Artistant (Personality Consented to the Artistant Artistant and only Ki-fit allows some indicate the policinos.) Artistant and adjustive squared on SP-2-5, Industrial Area Neemann. Tehnil Alwar Distinct Alwar Reputation adjusts to the following concernors.

- Bijd (1968-Consect) for Operators sub-difference to the 0170572014 (1980/0472015).
- 2 That this converse is granted for manufacturing constraints of this is presented products on converge and the following ones to be approximated to the following secures with capabilities place to self-

Particular	Туре	Quantity with brit
Bert 2 I storets & Its Pro-Cec	Product	1 -1,778,017
Products		<u> </u>

- 3 That this contour in operate is for execting plant, or less 8 controls in a solution of solution to examine a respect of the backetter and odd too. If the backetter is suggested as a single backetter by or charge in back.
- That the quantity as efflowed generation about with much of stocks in a first of all the distributions under

Page 1663

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4. Institutional Area, Jhalana Doongari, Jaipur-302 004 Phone: 0141 5159600,5159695 Fax: 0141-5159697

#### Registered

Title No. 1(5CME)/Alwar(Alwar)/1478(1)/2015-2016/164-165

Onto No: 2016-2011/50MG/4276

ting (d) - 48%

Pate: 07/04/2016

Type of efficient	Max elfinen:   generation   (KLD)	Recycled Qty of FfCcent (NLD)	Disposed Qty of effluent (KLD) and mode of disposa:
Por Letti Selli 179	2000	NIL :	5,507 Sepsik Tank and Snakp t
Posts Citient	2.000	; 5II.	Nation for Protection of Protestion of the Protection of the Constitution of the Const

3 and the sources on any empressions along with pollution control pressures and the encession should fell for the prescribed parameters shall be as under.

Success of Air Entraissians	Pullation Control	Prescribed	
	Mensures	Parameter	Standara
COMPLISE BOOK METERS	Mills Course	<del></del>	-
			İ
in Solid News, Indocess	aconstructorias (B)	T "	
	NAFENDACK DUSGITE AS PER EGO		
by son a Miscopio OKVA)	ALGESTIG ENGLOSURE		
	SAFE STACK FEDGET AS PER DRIV		

6 that the Industry will comply with the transports as prescribed wide MRET notification  $N_0$  188 906(F), dated 10th November, 2008 with respect to National Ambient Air Quality Nationals.

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4. Institutional Area, Jhalana Doongori, Jaipur-302 004 Phone: 0141-5159600,5159695 Fax: 0141 5159697

#### Registered

File No. : [(SCM0)/Alwai [Alwai]/1478(1)/2015-2016/164-166

Grder No. 2016-2017/SCMG/2276

Buit ld . 36837

Pater 07/04/2016

- 7 That this Consent to Operate is being assured for the production of "Herbel estimate and its purphed derivatives" upon 200 kg/day with the following volumes of the pollutions:
  - 1. DG set of capacity 500 KVA One
  - 2. DG set of capacity 110 KVA One
  - 3. Husk forest Builder of capacity 8 TPH: One
- If This the total capital cost of the project in the expansion phase shall not exceed to Rs. 3825 Lack which includes the kaptal pressurem made in find booking pour & mathematical artistical accountable miscellaneous assets.
- 9 That the industry shall maintain adequate stack height at all the sources at an pollution and air pollution control measures will be kept appraisingly whospers plant is operated.
- 10 That in additional source of air pollution shall be distalled without gives consent from the State Board.
- 1) That all the the emission voorces and transfer points shall be provided with adequate pollution control measures
- 12 Thur the industry shall maintain adequate infrastructure farilities for animitoring of stack christian at hosk fired boiler.
- 13 That the industry shall not withdraw the ground water beyond the percussion accorded by the Central Ground Water Authority (CGWA) vide letter dured 16.12.2908 for abstraction of 64 KLD of ground water and dedy record of ground water obstruction shall be malitialized.
- 14 That water meters shall be provided and maintained at all suitable priority to measure the daily water consumption and record of sums shall be maintained.
- 15 That the treated effluent shall be utilized for glantation beforething perposes within the premises and zero discharge that a shall be maintained causide the premises
- 16 That the industry shall comply with the conditions of the NCC issued by the COVA for withdraw of ground water vide letter not 21-1[225], WKPUGWA 2007-1007 dated 16-17-2008.
- 17 That the treated trade and domestic efficients shall be operated on plantation/agenia. https://doi.org/10.1006/scattering.com/agenia. https://doi.org/10.1006/scattering.com/agenia.
- 38 That the trade effluent generated from the plant shall be treated in the Effluent Treatment Plant
- 19 That proper & scientific arrangement shall be made for utilization of arrated efficient for plantation so as to ensure that case pool formation is not created in the preprises or in the plantation area.

Page 3 of 6

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4, Institutional Area, Ibalana Doongari, Jaipur 302 004 Phone: 0141-5159600.5159695 Fax: 0141-5159697

#### Registered

Print Sur

F(SCM),) (New Art Meart) /1 178(1) /2015-2016/164-166

Greet No.

2d (is 20) 7 (\$CM6) 2276.

. . . . : = 120.00

Date 07/04/2016

- 20 That the motistry shall comply with provisions of the Boardons Waste (Variagement Hamiling & Trans-boundary Movement) Rules, 2008 and disposal of mazardous waste shall be ensured in according with the Rules.
- 24 Than consumy shall comply with the provisions of Water (Prevention and Control of Polication | Cosy Act, 1977 and deposit the Water Coss accordingly
- 22 That the industry shall consport effluent sampling and ambient air quality/ stack grossions process emission monitoring and submit quarterly analysis report from State Sound aboratory/ laboratory recognized by Ministry of Environment & Parests (MoEF), Government of India.
- 23 Olist industry shall undertake sintable measures for rollin water harvesting for croficial recharge of ground water.
- 24 That the 1000013 shall comply with the progressions of the Storage Manufacture & import of Hazardon's Chemical Rules, 1949.
- 25 that industry have to operate with valid policy under Public Liability Insurance (PLE Set 9)
- to that the abstraction of ground water shall not exceed the quantity for which perpession has been granted by Contral Ground Water Authority and water meter shall no placed at statable places to measure the quantity abstracted, water consumed withical generated and effluent treated/reused on dutly basis.
- 25 that the industry shall enoppy with recommendation spelt out in Corporate Responsibility for Engineering Protection (CREP).
- 28 That the unit shall comply with all the conditions imposed by letter no F(1ech)/Alwar(Behror)/67(1)/2009-2010/2933-2936 dated 22/09/2009.
- 29. That or clistry shall full fish quarterly compliance report of consent conditions.
- 30 (mil., A. A throughout appropriate provided Personalogic, the State Board shall make garder the professor follows with the entire section 27(2) of the Water Act and Lunder significant and the first the first section between the commences responsed being in object who to North-radii subsided as it deemed for for the purpose of Air Act & Water .lct
- 31 Post the great of this Consent to Operand is issued from the environmental angle only and energy but abording the project proposent from the other statutory obligations green both ander day other the or day other enstrained up force. The sole and complete to succession is a first composition to the completions lead previous and use compositions the time-being and their leafth of the transmissipply (and) of a got programment.
- 32 Path the group of this Consent in Operate shall not, in any way, alleringly allest or expanding the 10g0 processing if any, instituted to the past or that could be instituted and of your by the State Brand for violation of the provisions of the Act or the Rules made three array.

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4, Institutional Area, Jhafana Doongari, Jaipur 302 004 Phone: 0141-5159600,5159695 Fax: 0141-5159697

#### Registored

E[SCMG]/Alwar[Alwar]/1478[1]/2015-2016/164-166 File So 11

2016-2017/SCMG/2276 Order Notice 0076472016 Date

Suit M. 36837

In a Consent to Operate shall also be subject, besides the advissor's specific action as a the general conditions which in the enchange employee have a come of process teeth the servisions of the Water Art and Air Act on the soft other very discotime to time the specified by the state and arrive to the constraint of a contract. Phone product for a regulated of the 20 sections of the content of revocation of Convent on Operate and project proposed in acceptant ship one god in the secorgan andor the relevant provisions of the said Act(s.

This Peaus the approval of the Grapeteot hat route

Yours Sincords

Group Inchangal \$7Ma ).

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4, Institutional Area, Jhalana Doongari, Jalpur-302 004 Phone: 2711263, 2711329, 2700801Fax: 2710647, 2709980, 2704578 www.rpeb.nlc.in

Registered

File No : F) Fechi/Alwar(Behror)/67(1)/2009-2010 බ독지 (

Order No : 2009-2010/Group M66

Dispatch Date: 2 2 10 1 5 - 7

Mis Alchem International Ltd.

SP2-5, RIA Naeinrana , Tehsil:BEHRQR District: ALWAR

Sub: Consent to Establish under section 25/26 of the Weter (Prevention & Control of Pollutions) Act, 1974 and under section 21(4) of Air (Prevention & Control of PoSulion) Act, 1981.

Hnf: Vour application(s) for Consent to Establish deled 03/03/2009 and subsequent correspondence

Sir

Consent to Establish under the provisions of section 25/26 of the Water (Provention 5 Control of Poliution) Act. 1974 (hereinafter to be referred as the Water Acti and under section 21 of the Air (Prevention & Control of Pollution). Act. 1981. Theremaker to be referred as the Air Act; as arrended to date and rules & the orders issued thereunder is hereby granted for your industry situated/proposed at \$P2-5, R.A. Neomrana. Behror, District Alwar, Rajasthan under the provisions of the said Actifs). This consent is graphed on the basis of examination of the information furnished by you in consent application(s) and the documents submitted therewith, subject to the lick owing conditions

- 1 That this Consent to Establish is valid for a period from 03/03/2009 to 29/02/2012 of date of Commencement of production / commissioning of the project or activities whitenever is earlier.
- 2. They this Consent is graphed for manufacturing / producting following products products or carrying out life following activities or operation/processes or providing following is ervices with capacifies given below

Particular	Тујов	Quantity with Unit
D3 SET (1NO)	Service	110 KVA
DG SET (1NO.)	Service	500 KVA
ONE HUSK FIRED BOILER	Service	6 <sup>-</sup> P-

- 3 That in case of any increase in capacity or addition / modification / alteration or change in product mix or process or raw material or file the project proponent is required to objain fresh consent to establish.
- 4 That the control equipment as proposed by the applicant shall be instaled before triblion consequential production is started for which prior consent to operate under the provision of the Water Act and Air Act shall be obtained. This consent to establish shall not a (reated ay consent to operate.
- 5. That the quantity of effluent generation and disposal along with mode of disposal for  $m\pi$ treated leffluent shall be as under:

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4, Institutional Area, Jhalana Doongarl, Jalpur-302 004 Phone: 2711263, 2711329, 2700601Fax: 2710647, 2709980, 2704578

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File No : F[Tech]/Alwar[Behror]/67(1)/2009-2010

Sider No. 2009 2010/Group/166

Diapatch Date:

Type of effluent	Max. effluent generation (KLD)	Quantity of effuent to be recycled (KLD)	Quantity of treated effluent to be disposed (KLD) and mode of disposel
Trade Effluent	3.00	NIL	3.00
		L.	On Land For Plantation/Horticulture

6. That the sources of all ommissions along with bollution control measures and the omission standards for the proscribed parameters shall be as under

	Pollution Control	Proscribed		
	Moanurea	Parametor	Standard	
HUSK FIRED BOILER (BITPH)	Multi Cyclone	7	<del>                                     </del>	
		Paniculate Matter	<b>250 mg/N</b> m3	

7 That the industry shall maintain the following Amount Air Quality Standards last presumbed under Environment (Protection) Rules 1986

Area Category Name	SPM:	SO2 µg/m*	hā/m, CO	NÖx Þgim'
(naustrie) and mixed use	500.00	120.00	5.000 00	120.00

a That the trade effluent shall be treated before disposal so as to conform to the standards prescribed under the Environment (Protection) Act-1985 for disposal Into  ${\rm Cland}$   ${\rm Surface}$  Wallet. The main parameters for regular monitoring shall be as under

Parameters	Standards	
Total Suspended Solida	Not to exceed 100 mg/t	
pH Velue	Between 6.5 to 9.0	
Oil and Grease	Not to exceed 10 mg/f	
Blochemical Oxygan Demand (3 days at 27°C)	Not to exceed 30 mg/l	
Chemical Daygen Damand	Not to exceed 250 mg/l	



## 4, Institutional Area, Jhalana Doongari, Jaipur-302 004

Phone: 2711263, 2711329, 2700601Fax: 2710647, 2709980, 2704578

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File No : F(Tech)/Alway/Behror)/57(1)/2009-2010

Order No : 2009-2010/Groupl/166

Dispatch Date:

- 9 That this Consent to Establish is being issued for installation of following sources of singulation:
  - 1. Husk fired boiler of capacity 8 TPH- Coo
  - 2. DG sat of capacity 500 KVA -One
  - 3. DG set of capacity 110 KVA- One
- 10 That adequate infrastructure facilities for monitoring of stack emissions shall be provided and maintained at the hugh fired boiler.
- 11 That the industry shall provide and maintain stacks of adequate height and acoustic endiospres with the DB sets.
- 12 That treated trade efficient shall be used for plantation / horticulture within the premises and zero dischage status shall be maintained outside the premises
- 13 That the cost of husk fired boiler (8 TPH) and DG sets (500 KVA & 110 KVA) shall not exceed Rs. 84.78 (ses.)
- 14 That not withstanding anything provided here habove, the State Board shall have power and reserves its right, as contained under section 27(2) of the Water Act and under section 21(6) of the Air Act to review anyone or an the conditions imposed here in above and to make such varietion as it deemed fill for the ourcose of compliance of the Water Act and Air Act.

This Consent to Establish shall also be subject, beside the placeaud specific conditions to the general conditions given in the enclosed Annexure. The project proputers with the provisions of the Water Act and Air Act and to such other conditions may from time to time, be specified by the State OperC under the provisions of the efficiency of the above stated conditions would tentament to revocation of Consent to Establish and project proporent it occupier shall be liable for legal action under the the referent provisions of the said Actio).

This idears the approval of the competent authority.

Yours Faithfully

Genue Inchaene

θαρν Τα:∗

- 1. Regional Officer, Regional Office, Rajastnan State Pollution Control Board., Alwar
- 2 Master little

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4. Institutional Area, Jhalana Doongari, Jajpur-302 004 Phone: 2711263, 2711328, 2700601Fax; 2710647, 2709980, 2704578

> www.rpcb.nic.ln Registered

File No : FiTechyAlwar(Behror)/67(1)/2009-2010 25(-2\_5)

Order No .

2009-2010/GroupI/165

34/9/25

Mrs Alchem International Ltd.

SP2-5, RIA Neemrans , Tehsil:BEISROR District:ALWAR

346 Consent to Operate under section 25/28 of the Water (Prevention & Control of Politics) Act, 1974 and under section 21(4) of Air (Prevention & Control of Pollution) Act, 1981.

Your application for Consent to Operate dated 09/05/2009 and subsequent correspondence

Šir,

Consent to Operate under the provisions of section 25/28 of the Water (Prevention & Control of Pollution) Act, 1974 (horoinaffor to be referred as the Weter Act) and under section 21 of the Air (Prevention & Control of Pollution) Act. 1981. (hereinafter to be referred as the Air Act) as amended to date and rules & the orders issued Prereunder is hereby granted for your industry situated at \$P2-5, RIA Neemrans, Tohsi: Behror, District Alway, Releathen, subject to the following conditions:-

- 1. That this Consent to Operate is valid for a period from 09/05/2009 to 30/04/2012.
- 2 That this Consent is granted for manufacturing / producing \*phowing greaters products or carrying out the following activities or operation/processes or providing following, services with capacilies given below

Particular	Туре	Quantity with Unit
HERBAL EXTRACTION & PURIFIED	Product	200 KG/DAY
DERIVATIVES		L

- 3 That this consent to operate is for existing plant, process & capacity—and separato consent is required to be taken for any addition / modification / alteration in process of change in capacity or change in (pol-
- 4 That the quantity of effluent generation along with mode of disposal for the treated efficient shall be as under

Type of effluent	Max. eiftuent generation (KLD)	Quartity of effluent to be recycled (KLD)	Quantity of efficient to be disposed (KLD) and mode of disposal
Domestic Sowage	2.00	KIL	2 00 Septic Tank And Seakpit
Trade Effluent	23,00	HIL	23 C3 On Land For Plantation/Horticulture

Пере поли

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# 4, Institutional Area, Jhalana Doongari, Jaipur-302 004 Phone: 2711263, 2711329. 2700601Fax: 2710647, 2709980, 2704578

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File No. . . F(Techt/AlwartBehrort/87(1)/2009-2010

Order No : 2009-2010/Group#165

Date:

5. That the sources of air eminissions along with pollution control measures and the omission standards for the prescribed parameters shall be as unger;

Sources of Air Emmissions	Pallution Control	Prescribed		
	Measures	Parameter	Standard	
MUSK FIRED BOILER (8 TPH)	Mulli Cyckine	<del> </del>	<del>                                      </del>	
		Particulate	250 mg/Nm3	
<del>_</del>	<u>-</u>	Alatter		

6 That the odustry shall attendant the following Ambient Air Quality Standards preserbed under Environment (Protection) Rines 1986.

Arca Category Name	SPM	502	60	. МОж
	SPM	(15/m²	(ag/m²	µg/m²
industrial and mixed use	500.00	120.00	5 000.00	120.00

in that the trade effluent shall be treated betate disposal so as to conform to the standards prescribed under the Environment (Protection) Act-1986 for disposal Into inland Surface Water . The main parameters for regular monitoring shall be as under

Paramoters	Standards		
Total Suspended Solida	Not to exceed 100 mg/l		
p4 Value	Between 5.5 to 9.0		
Oil and Grease	Not to exceed 10 mg/l		
Biochemical Oxygen Demand (3 days at 2710)	Not to exceed 30 mg/l		
Chemical Oxygen Domand	Not to exceed 250 mg/l		

- 8 That the industry shall not withdraw the ground water beyond the permission accorded by the Central Ground Water Authority (CGWA) vide letter dated 16.12.2008 for abstraction of 64 KLD of ground water and daily record of ground water abstraction shall be maintained.
- 9 That water meters shall be provided and maintained at all existence points to measure the daily water consumption and record of same shall be maintained.



4, Institutional Area, Jhalana Doongari, Jaipur-302 004 Phone: 2711263, 2711329, 2700601Fax: 2710647, 2709980, 2704578

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File No FiTechyAlwanBehrory67(1)/2009-2010

Order No: 2009-2010/Groupffles

Date:

10. That this Consent to Operate is valid for following sourced of air pollution.-

- 1. DG set of capacity 500 KVA One
- 2. DG set of capacity 110 KVA One
- 3. DG set of capacity 82.6 KVA One
- Husk Fired Boller of capacity 8 TPH- One
- 15 That the industry shall complete the plantation work as per the norms by 31.12.2009 else, the guarantee money (Rs. 10,006) will be forteited without any further notice.
- 12 That the treated effluent shall be utilized for plantation I horriculture purposes within the premises and zero discharge status shall be maintained out side the premises.
- 13 That the industry shall comply with the conditions of the NOC issued by the CGWA for withdrawal of ground water vide letter no.21-4:225)/WR/CGWA/2007-1691 dated 16.12.2006
- 14 That the Industry shall maintain adequate infrastructure facilities for monitoring of stack emissions at heak fired boiler.
- 15 That, not withstanding anything provided hereinabove, the State Board shall now power and reserves its right as contained under section 27(2) of the Water Act and under section 21(6) of the Air Act to review anyone or all the conditions imposed here in above and to make such variation as it deemed if for the purpose of Air Act & Water Act.

This Consent to Operate shall also be subject, besides the aforesaid specific conditions to the general conditions given in the enclosed Armebure. The project proponent will comply with the provisions of the Water Act and Air Act and to such other conditions as may, from time to lime, be specified by the State Board under the provisions of the aforesaid Act(s). Please note that, non-compliance of any of the above stated conditions would realismount to revocation of Consent to Operate and project proponent accoupting shall be liable for legal action under the relevant provisions of the said Act(s).

This ibears the approval of the competent authority

Yours Faithfully

Group lagnarge

### Copy Ta:-

- 1 Regional Officer, Regional Office, Rajesther State Poliution Control Board. Awar You are advised to collect samples from ETP and conduct stack as we'll as ambient our quality monitoring within one month and send reputs to the H.O.
- 2 Master File...

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# 4, Institutional Area, Jhalana Doongari, Jalpur-302 004 Phone: 2711263, 2711329, 2700601Fax; 2710647, 2709980, 2704578 www.rpeb-nic.in

Registered

Fire No. 11 F(Tech)/Alwar(Behror)/67(192009-2010

Craer No.: 2009/2010/Group#465

Date:

Group broharge

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## General Conditions related to both Air and Water Acts

- That to we hiere the prescribed standards of the consent order, adequate prompt for pollution control shall have to be provided mentioned and operated all the more whenever the process/plant is in operation.
- 2 The power supply to all the poliution control creasure/system shall be measured by separate power meters and separate log book shall be maintained for recording running hours of PCM, consumption of power, chemicals, every eight hours. The log books records are to be shown to the officials of the floated during inspection or as and when asked for.
- 3 That the Occupier shall make appropriate arrangement for interlocking the pollution control devices with DG set so that in the event of power failure the pollution control arrangements may remain in operation while the plant is being operated in the US.
- 4. That the power supply to the groduction/process shall be so interlacked with the pollution control equipments that in the event of none functioning of the pollution control equipment, the production process steps solutionized?)
- 5. That the industry shall submit compliance of the consent conditions along with analysis reports of the stack emission/ ambient an quality. The compliance report along with analysis report of the samples will be submitted to the Home Coffer of the Board or Jaipur and also concerned Regional Office of the Board Office soon after to is carried out. For this, the haid sampling to analysis facilities with the Board on it availed. The frequency of :

8. No	Type of Industry	Compliance Reporting schedule by the instructory
77 I.	17 highly polluting industries (targe &	Once in 6 Months
:	(medium scale)	
1 - 2	17 nightly polluting industries (small	Once in 12 Months
	scale) and 17 highly polleting	
	industries (other than 17 categories)	
· 3.	Small scale industries (small scale)	Once in 18 Months
. 1	! Orange Category industries (large &	Carce in 24 Months
	; modjum scale)	·
5	Orange Category (small scale) and all	Once in 36 Montas
<u>'</u>	the Other Category units	

- 6 (Facility industry shall comply with the provisions of Hogardous Wasie (Management & Handling). Rules-1989 and Magafacture, Storage and Import of Hogardous Chemicals Rules-1989 and Buttery Rules (Management & Hondling). Rules-1960 umended to date as notified under Environment (Protection). Act-1989 on approximate.
- 7 That the management shall obtain and maintain valid insurance policy deverage under Public Liability Insurance Act (PLIA) and submit its copy to the Board every year or applicable).
- Thei Occupier shall ensure compliance of recommendations of Control Responsibility for Environment Protection (CRFP) issued by Central Protection (CRFP) issued by Central Protection (Control Board (CPCB) for certain specific kind of industries (diagnostics).
- 9 That the Occupier shall submit Environmental Statement every Year in the Month of Segtember for the Period April to March of the provious fauncial Year.
- That the management shall maintain good house keeping in the paint.

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- 11 In case of Consent to Operate for the proposed project or expansion, the industry shall account to this office and also the concerned Regional Office about the installation after content made for control of pollution so as to conform to the prescribed norms 4 Weeks to advance of commissioning of the processing plant so that the same could be appeared and verified for its adequacy.
- 12 Post any incorrect information submitted in the consent application form and its confessors shall make the industry liable for Jegal action under Section 43 of Water Act Soction 38 of the Air Act
- (3) The convent, under no directnotances shall be constructed as confirment of any inquerty in any unlerest of the applicant unit, it is only confined for the purpose of regulation of the provisions of Water Act and Air Act.
- 13 First tips coasent is valid subject to fulfillment of other statuary requirement in other tures. Acts Rules as applicable.
- 3. The Occupier shall make an application for reaewal of Consent to Operate in the prescribed form in triplicate along with the requisite consent fees and compliance reports at lease 30 days before the expiry of Consent to Operate. It may be noted that to post-facto consent will be issued in case the industry fails to apply for renewal with a the time prescribed as above.
- (b) Part this Consent to Operate is for existing plant and process and separate Consent to startish is required to be obtained for any addition modification afterestion of change before asking any step for such a change, Further, this Consent to Operate shall in no case or treated Consent to Establish for further expansion, if any.
- i has the industry will submit compliance report of the aforesaid conditions quarterly to the Head Office as well as the concerned Regional Office of the Board. However, compliance of the conditions in which specific time scheduled has been prescribed has to be submitted as per the prescribed time scheduled.
- 18 That M\*\* of the total area of factory tremises shall be covered by the tree plantations. This need under plantation will be calculated as per circular No. P.14 (40) RPCB/Pig Policy 2804-5835 dated 15/07/2004 or amendments made from time to time.

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## General Conditions related to Air Act only

- That, beight of the stacks attached to all the major sources/ DG sets shall be provided, and maintained as per the norms prescribed.
- Plast your shall, proving and maintain necessary infrastructure sacrities for the
  monitoring of stack emissions and ambient sit quality parameters in accordance with
  the prescribed guidelines & suggestion given by the officials of the Pollotion Composition from time to time.
- 3 That the Occupier shall provide and maintain above ground recycling tanks of adequate capacity with proper lining to avoid spillage or overflow of seminority and the oriental in order to check the corrosion of the drains, anti-corrosive string should be growided. Also the ladastry shall have to maintain proper tooled at what consumption in temphing system, sembaed liquor, recycling, treatment. Also to.
- 4. In case of 17 category highly polluting units and large scale red category at p. Standards (the major Power, Plants, Cement Plants, Smelters, Petrotecia Religious Fertilizer Plants and Chemical Units, the Occupier shall provide at least three umbind air quality stations at the periphery of the factory premises for monitoring of authoritiair parameters. Location of these stations shall be decided in consultation with concerned Regional Officer. The results of monitoring shall be submitted to the State Board every Three Month.
- 5. That, the Occupier shall provide the proper extraction and contout (sector to the fugitive empssion from the various activities process. These are to be minimized it, good condition and operated properly so as to repiration clean and sate environment in and around the premises of the unit.
- 6. That for the diesel generator sets accessed enclosure accessic treatment shall be provided to meet the prescribed norms with posse as per the Gazette Notification dated of the Ministry of Environment & Forests. Government of India 01 to 1990. Noise form the diesel Generator Sets shall be controlled by providing an inclusive englesting on by treating the recommaduately. The accounted and ovarious visits treatment of room should be designed for minimum 25 dB (A) Insertion Loss of the meeting the embient noise standards, whichevers on the higher. The measure of a fet Insertion Loss may be done at different points at 0.5 meter found the account with proper exhausts muffler with Insertion Loss of minimum 25 dB (A).
- In case the OG set of capacity more than 0.8 MW, the air crosss in standards as prescribed under GSR 489 (E) dated 09/02/2002 shall be compiled with
- The stack height for the Diesel Generator Sets shall be as below. Height of stack (in Meters) = Height of Boltding+0.25 (KMA of DC Sc).
- 9. That the Occupier shall ensure that the noise from the operations in the analogy not exceed the prescribed ambient noise standards for the industrial area in 75 dB (A) Leq during the day time and 70 dB (A) Leq during the night. The cay time is recknied between 6 A.M. and 9 P.M. and the figur time is recknied between 8 P.M. and

## General Conditions related to Water Act only

- Name of of treated effluent shall be collected as per the schedule prescribed in condition no. If at the terminal manhole during normal production and shall be analyzed for all the parameters in respect of which limits have been fixed. Report of contry as shall be submitted to the Brani regularly/ or immediately after the analysis is consolicted. Methods of sampling and testing shall be as per 18:4733 and 19:2433 or 190 oth approved by Board as the case may be for demestic and industrial effluent.
- Inc officers shall be made to recycle maximum quantity of the treated Waste Water for the process and offices and the remaining be utilized in planation in the promises. For utilization of the treated Waste Water in planation, a well designed sprinking system should be installed maintained and operated. Adoquate land appending upon the applicable hydrauite loading statems shall be arranged and maintained under plantation. The creteria is as follows:

Hypersuric leading to be restricted depending on the nature of soil as stated below: (subject to taking into account the nature of crop and its water requirement, climatic conditions and frequency of application).

S. No.; Soil Texture Class. Dosage of se	tiled sewage applied M3/Hectare/Day
. <u>1 i San</u> ey	225 to 282
2 Sandy Loam	168 to 225
	112 10 [68
J. Cay Loam	56 to 112
5 Cayey	35 to 57

S. No.   Soil Texture Class   Dosages of settle   M3	Dosages of settled industrial waste applied  M3/Rectare/Day				
HOD up to 300mg/l	BOD more that mg/l but less than 500 mg/l				
I. Sandy 18 to 226 134 to 180	90 to 113 67 to 90				
4 Chy J.cam 90 to 134	45 to 67 22 to 45				
5 Clayey 28 to 24	14 to 22				

- A licitaling tank of at least 24 hours capacity shall be provided and maintained to store the Weste Water in case of failure of any part of treatment plant or non-functioning of treatment system.
- 4 That the domestic Waste Water generated from the industry shall be treated as per 15.7470 (Pail-1 & II) and shall be discharged into seak pit through segic tank. In tase the industry is having its own housing colony having discharge more than 53 KLD, the industry should have Servage Treatment Plant. The requirement of Waste Water treatment for hotels shall be according to specific circulars issued for hotels.
- So That the Occupies shall provide and maintain above ground recycling/evaporation tasks of adequate capacity with proper lining to avoid spillage or overflow of sarething media on land. In order to check the corrosion of the drains, anti-currence through should be provided. Asso the violately shall have to maintain proper record of

- water consumption in sombbing system, sombbed figure, seasoning, meatment, sare
- b. In case of disposal of effluent through solar evaporation, industry is required to have solar evaporation pans for evaporation of the effluent at least on meter above the ground having proper lining to make their unpervious. They should be released evaporation surface area based on the evaporation rate in this para outer area.
- 7 That the Occupier shall have to store the semi-solid and solid waste it so generated in a proper manner on impervious platform along with facility for leachage collection which shall be collected and sout to the effluent trepusent plant for proper treatment.
- 8 To case the water consumption is more than 10 kH D, the authorities shall comply with the provisions of Water (Prevention & Control of Pollution) Coss (Act-1077 and industry shall regularly submit to the Board the returns in the presented from and with deposit the cess as specified under Section 3 of the said Act. In case the indestry tink to subtail the returns in time, the assessment of cess will be made considerate the water consumption figures given in the consent application form or earlier return whichever is higher. Units covered under self-assessment scheme (SAS) has no annual cess amount up to Rs. 6000% shall deposit the cess in the condented Rey in... Office of the Board along with Self-Assessment Form.
- That the materity will install water meters at the source of water supply and will over compete recerds of the ground water extracted or water drawn from any other vertex.



From: -

Abnorm International Pvr. Ltd.

To, Regional Officer 6 / 43 -44 N. E. B. Housing Board Colony, Ceth Roge, Mwar Unit 10: 36937

CSBSR1 Of neural 193820

Application Type: HSV:

Disposing Authority: Alwari

Address (SP-2-5, Industrial Area Nearthann (Aris) (Alvin) District Alwar(Unit (d. 35837)

#### 5....

C/We hereby apply for Authorization/renewal of Authorization under sub-thick(2, and -1, m) - in sub-rele(6) of rule 5 of the Hazardous Waste(Management and matching) Rules (1959 full Collection/Retrection/Treatment/Fransport/Storage(0)spons of materials. Assets

Part 1: General Information

Waste Type	Hazarcous Waste	. Dealing Group	Alwar
frame of Applicant	N K Singh	Designation of Applicant	) #1/5
Application Date	25/08/2017	Received Date	25:78:7017
Application For	Renewal	Application Status	2600 15
Authorisation Required for			
Storage Capacity Available	Yes (Adoquate)		

#### Waste Details

Schedule	Category Code / Name	Quantity /	_	Mode of Disposal	Natione of Walstie
1	20.3 Discarded Glae Containers, Barrely Liners Contain nated with hazardous viasins/dherricals	100 NOS PER YEAR	25	0.627 008 701 50.063	Other
	20.2 Distinct on residues	(65) 50 (668	211	Common Interview	
ι	5 1 Waste Ci	- 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000	aca	Fally Sales : Registernt Applican	1111.1

## Raw Material Details

1	ء ہے۔	€:	٠.	•	٠.	٠.	•		•
					_	•	_		

Name	Quantity/Unit	Stortage Capacity	Ls Mazardous V	Vaste
herbs	(Ato,TON PER YEAR	1500	(9)	<u> </u>

## Product/ By Product/ Service/Activity details

5. No. t	laine	Quantity/ Capacity (With Unit)	Product or By Product or Service	Starage Characty
10603	lerbat Extracts & his briffed Products	300, KG PER DAY	Product	72.0

## Water Consumption Details (Kilo (iter per Day)

SrNo Source of Water	Boller / Coc	ling Domesti	c Industrial	Process Others
96944 Ground Water	<b>'2</b> 7	6.5	22.5	5

Details of Vehicle

## Details of D. G. Sets

5.Na.	JUNEAU	Status or Açoustic Jancinsure	Stack (in	Height of Stack (in meter) Above Ground Level	Infrastructure facilities for stack emission mobitoring (Yes/ No/ Not required)
23681	500	Ýca	4.2	Ţi .	N
23652	500	Yes	ր 2	3	<u>N </u>

Dot Applicable

Bank Details

Print Back



#### RAIASTHAN STATE POLLUTION CONTROL BOARD

## 4, Institutional Area, Jhalana Doungari, Jappur 302 60 v

Phase 0141 5159600.5155605Fby 0141 01.3665

## teneto rpeb incin-

#### Revised Authorization

File No: F[RSW]/Alwar[Alwar]/64(1)/2812-2013/8145-8148

Date 1 1 1 1 1 1 1

#### Mys Alchem International Ltd.

5P-7-5, highestrial Area Neembana, , Telisal:Behrot

#### District Alwan

Substitution for operating a facility for Collection - Disposition of Collection - Operation of Collection - Operation - Collection - Property of Sports of Collection - Colle

 $Refs = \{our apply a more dates: b2/2d/2df2 received on 15 (16 - 53) 2 and 8ab sequent 1, the specific of the sequent 2 and 8ab sequent 2 are specified as the sequent 2 and 8ab sequent 2 are specified as the sequent$ 

Sir

- Number of authorization RPCB/FWM 0012 0013/89/MC/BM501655.
- 2 Sr. Manager of M/s Alchem International Ltd. is hereby gramed an actions. Consunder Rule 5 (4) of Hazardous Waste (Management, Handling and Transhoundary Movement) Rules. 2008 made under the Environment (Protestion). Act 1986 to operate a facility for Collection. Disposal. Contration. Reception. Status. Treatment of Hazardous waste on the premises situated at 50.2.5, tedustrial free. Neemrana.. District: Alway.
- 3 The authorization is granted for the Eatherica (Osposal, the relation, Dock Main, 2015).
  Treatment of hazardous waste of following categories in the obstites of the and of process.

SKo	Type of	Category		Quantity	L. Hazardans Wave
. !	Hazardous waste	Sch	Code	Unii	Dispesal Practice
<del></del>	fliga latura essenes			1 :	y tallet man and a man and a second
			1 20 1	SG 77.55	<u> </u>
	District contacts in	·		1	2000 000 000
	Discontight containers of function of security and the entraders since from as	j ;		1 - 8 /4 9 T. W	i
:-	ptised speaking			1 : -	N Kert To Late
		1	1 7 1	<u> </u>	

- $_{\rm S}=$  The applications shall be in three-let period form  $62/10/2012 \approx 10/09/2017$
- 5 That this authorization shall reased to be valid & shall be holds to be revoked without any further notice in case of refusal/expiry of ranson to operate under the provisions of Water(Prevention and Control of Pollution). Act,1974 and Air(Prevention and Control of Pollution).

Huge 1. L



#### RAIASTIJAN STATE POLITITION CONTROL BOARD

### 4. Institutional Area, [halana Doongari, Jaippir-362 004]

Phone: 0141-5159600.5159695Fbx | 0141-5159697

## www.cpch.nic.m Revised Authorization

File No. - P(IISW)/Alwar(Alwar)/61[1]/2012/2013/8145-8148

Bate 19 (10.0)

- That no recycling or processing of the bazardous waste covered under schedule IA shall. Se carried without prior & cabd registration with Lentral Pollution Control Board, Delha (CPCS)/ Component Authority as accepted to setting of bazardous waste under the role 8 of the HW (M.H & TM) Rules. 2008.
- That in case of any expansion or change in process or product or change in mode
   j practice of desposal of hazardous waste or its quantity, industry shall obtain
   fresh Authorization.
- 5. The matter value is subject to the contribution of the matter of the subject of the subject of anti-order of the subject of the specific of the subject of the subjec
- The continue to display and maintain the data colors conside the factory of all gifts of § English both on a WX A display board in the cooper & 1 must be exceeded at A 100 to 10 and the report of the Compliance along with placegors which or such as a sample § Reportal Office time but the
- That the arright reports/returns in the form prospected under the form of spiritual under the form of spiritual reports of the Board by 30th (use of even year one records on the first of the formation and long for employees to shall be experienced a condition to the investigation of the Hazardous Waste (Management, dending and franks required to the entered by a said shake a subtraction be Bessel is published asked for
- (1) The may remark waster is hould not be estated for a period new notificity. The other is a fundamental program shall deemed to be nevoked.
- (2) In digit his evapose, that the objections where in third is instituted to a strong or in the objection of a secretarities with the historia of which is produced to the interest of the objection of the control of the objection of the objection of the objection of the objection of the objection of the objection of the objection of the objection of the objection of the objection.
- 13 The operation of the factory shall liable to county on, other of the county of guidelines issued by the MoES or CPCR or State Board of MoES to compare & frequency of heatment of heaterform with:
- 14. This this new sect authorization letter shall supercede him either authorization for exercised on a 2010 SWMC24SWM238 47083-7286 etched 10, 13, 2012.
- (5) That Authorization is issued under the provisions of Slazarious West[Management Handling and Transboundare Movement) Rules, 2008 from the
  environmental angle only and does not absolve the project proponent from the
  action statutory obligations prescribed under any other law or are other
  instrument in force. The sole and complete responsibility, to comple with
  conditions last down in all other for the time-being in lorgerests with the
  industry/unit/project propulation.

erge. Ti



## RAIASTHAN STATE POLLUTION CONTROL BOARD

## 4, Institutional Area, [halana Doongari, Jalpur/302-004

Phone, 0141-5159500 3059695 Fax: 00143-5180-69.

### м мястраб пости

#### Revised Authorization

file No. - F/HSW)/Alwar [Alwar] /61[3] /2012-2013/8145-8148

Dates 1997 - 1

That this Adthorization shall not, in any load, addersely effect on which does not in the momentum of any, instituted to the past on that could be instituted equality of the State Board formulation of the provisions of the Action the Boles made formulation.

This Thears the approval of the competent authorism

Yours Synograps

Group Incharge.

#### Copy To

- 1 R. P.A., to Member Secretary, RSPCH, Subsch-
- 2 Regional Offices. Regional Office. Blankfalls State Provided Company of the Violation
- Makger File SWMC Cell, RPCB, Ritter.

Group hicharge

27.44.1513