

SP 2-5 RICO Industrial Area, Neemrana
Alwar - 301705, Rajasthan, India
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Alchem 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, RICO Industrial Area, Neemrana, Nagar, Tehsil Neemrana, District - Alwar (Raj.) for an area of 76970 Sq.m

Ref : EC granted by SEIAAA vide letter No F1 (4)/SEIAA/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 its letter No F1 (4)/SEIAA/SEAC-Raj/Secu/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 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.



Regd. Office : 301, Avalon Apartment, Mangla Park,
Mehrauli-Gurgaon Road, New Delhi 110 030 (India)
Phones : +91-11-2680 3500/01/02/03/04, 26808420-31
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E-mail : 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:-

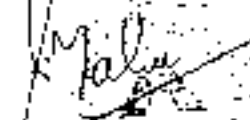
1. Updated Form - 1 with relevant Annexurs.
2. Copy of addendum in EIA report (No Increase in Pollution Load Certificate)
3. Soft copy

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.


(Sunil Malik)
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)

Exl sting 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

FIR

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: -Sunil Malik (Vice President - Supply Chain Management)

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

Email: -sunilmalik@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

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FORM-I

APPENDIX I
(See paragraph - 6)
FORM 1

I. Basic Information

S. No.	Item	Details
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 S. R.I.C.D Industrial Area, Neemrana Nagar, Tehsil- Neemrana, District Alwar Rajasthan. Area 76970 SQM
2.	S. No. in the schedule	5(f) Synthetic Organic Chemicals Industry (dyes & dye intermediates, bulk drugs and intermediates excluding drug formulations, synthetic rubbers, basic organic chemicals, other synthetic organic chemicals and chemical intermediates)
3.	Proposed capacity/area/length/tonnage to be handled /command area/lease area /number of wells to be drilled	Area- 14527 Sq.m is for expansion out of total area- 76,970 Sq m Note: 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).
4.	New / Expansion / Modernization	Amendment in EC granted vide letter no No F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a) B1 (15361)/ 2019-20 dated 24/07/2019

5 Existing capacity/ Area
etc.

PURE HERBAL PRODUCTS MANUFACTURED IN THE FACTORY				
S. No.	Product	Raw Material (Herb)	Annual Quantity of Herb used for Extraction (Tons)	Quantity of Final Product (Kg/Annum)
1.	Sennosides	Senna Leaves and Pods	1800	36000
2.	Senna Dry Extract	Senna Leaves and Pods		10000
3.	Calcium Sennosides 20 %	Senna Leaves and Pods		20000
4.	Valerian Dry Extract	Valerian Roots	100	10000
5.	Milk Thistle Extract	Carduus Seeds	100	5000
6.	Horse Chest Nut Extract	Horse Chest Nut	100	1800
7.	Dioscorea Hydrobromide	Dioscorea Leaves	500	15000
8.	Turmeric Extract	Turmeric Roots	50	12500
9.	Grape Seed Extract	Grape Seeds	10	2000
10.	Pomegranate Extract	Pomegranate Peels	10	2500
			2670	114800

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

PURE HERBAL PRODUCTS PROPOSED TO BE MANUFACTURED IN THE FACTORY

S. No.	Product	Raw Material (Herb)	Annual Quantity of Herb used for Extraction (Tons)	Quantity of Final Product (Kg/Annum)
1.	Passion Flower Extract	Passiflora Leaves	10	1000
2.	Red Clover Extract	Red Clover	10	700
3.	Fennel Extract	Fennel	10	450
4.	Echinacea Extract	Echinacea Angustifolia	10	500
5.	Pygeum Extract	Prunus Africana	10	150
6.	Salacia Extract	Salacia Root	10	500
7.	Pelargonium Extract	Pelargonium Root	10	150
8.	Zingiber	Ginger Root	10	1000
9.	1% De Acetyl Haecatin	Ficus Barkata Leaves	100	150
10.	Colchicine	Gloriosa	50	250

		Superba Seeds		
11.	Nicotine EF/USP	Tobacco Dust	5000	120.00
12.	Nicotine Polaralex/ Resinate	Tobacco Dust	In house	50
13.	Nicotine Dihydrate D. Tartrate	Tobacco Dust	In house	500
14.	Hyoscamine	Dubusia Leaves	In house	50
			9250	27750
SEMI SYNTHETIC PRODUCTS PROPOSED TO BE MANUFACTURED IN THE FACTORY				
1.	Hyosamine Butyl Bromide	Dubusia Leaves	In house	15000
2.	Hyoscamine Hydrobromide	Dubusia Leaves	In house	50
3.	Meperidine Sulfate	Dubusia Leaves	In house	100
4.	Atropine Sulfate	Dubusia Leaves	In house	1000
5.	Dimethylphen Bromide	Dubusia Leaves	In house	50
6.	Mini Scopolamine Bromide	Dubusia Leaves	In house	150
7.	Vinpocetine	Voranga Seeds	500	1500
8.	Thiochlorocine	Glomosa Superba Seeds	100	20.00
9.	Euphorin	Euphorbia Lamiata Leaves	60	20
10.	Neserpine	Passiflora bicolor/lyra	30	100
11.	Encelone	Acetyl Glyoxycholic Acid	10	6000
12.	Pandaxel	10 De Acetyl Baccatin	In house	100
13.	Doretaxel	10 De Acetyl Baccatin	In house	500
14.	Homa Tropine Methyl Bromide	Tropine	1	500
	Total		601	28075

Total area of the unit is 76,973 Sq.m.

6. Category of project i.e. 'A' or 'B' : Category -B. Located in a Notified Neemrana Industrial Area
7. Does it attract the general condition? If yes, : No

please specify.			
8. Does it attract the specific condition? If yes, please specify	No		
9. Location			
Plot/Survey/Khasra no.	SP 2-5, RIICO Industrial Area, Phase 1		
Village	Neemrana		
Tehsil	Neemrana (Formally under Behror Tehsil)		
District	Alwar		
State	Rajasthan		
10. Nearest Railway station/Airport along with distance in Kms.	Particulars	Name	Distance, Direction (From Project Boundary)
	Railway Station	Majra Nangal Railway Station, Haryana	17.5 Km ENE
	Airport	Delhi International Airport	96.02 Km NE
Source: - All distances are taken with respect to SOI GT Sheet.			
11. Nearest Town, City, District headquarters along with distance in Kms.	Particulars	Name	Distance, Direction (From Project Boundary)
	Nearest City	Neemrana	1.44 Km NNE
	Nearest District	Alwar	51.00 Km SE
Source: - All distances are taken with respect to SOI GT Sheet.			
12. Village Panchayat, Zilla Parishad, Municipal Corporation, Local body (Complete postal address with telephone no. to be given)	Particulars	Name	Address
	Village Panchayat	Neemrana	Panchayat Samiti Kendra, Main City, Neemrana, Alwar - 301705
	Zila Parishad	Alwar	Mangal Vihar Colony, Sector 7, Alwar, Rajasthan 301001
	Municipal Corporation	Behror	Municipal Corporation (Nagar Palika) Behror, District - Alwar Rajasthan - 301701.
13. Name of the applicant	Alchem International Pvt. Ltd.		
14. Registered address	201, Empire Plaza, Mehrauli- Gurgaon Road, Sultanpur, New Delhi- 110030		
15. Address for correspondence			
Name	Suril Malik		
Designation (Owner / Partner / CEO)	Vice President - Supply Chain Management		

	Address	(1) SP 2-5, RIICO Industrial area Phase 1, Neemrana, District- Awar (2) Enkay Enviro Services Private Limited # 92 Heera Nagar - A, Near Shalimar Bagh, Ajmer Road, Jaipur (Raj). 302 021.												
	Pin Code	301705												
	E-mail	sumit.malik@alchemiatechnical.com, info@enkayenviro.com												
	Telephone no.	91-1494-246996, 997												
	Fax No	91- 1494-246995												
16.	Details of alternative sites examined, if any. Location of these sites should be shown on a Toposheet.	No alternative site was examined. The project falls on Survey of India toposheet no. 53D/8, 54A/5, 53D/12, 54A/9 & 54A/1. The coordinates of the project site are as given under:- <table><tr><td>NW</td><td>NE</td></tr><tr><td>Latitude 27° 58' 29.28" N</td><td>Latitude 27° 58' 32.50" N</td></tr><tr><td>Longitude 76° 23' 4.69" E</td><td>Longitude 76° 26' 10.04" E</td></tr><tr><td>SE</td><td>SW</td></tr><tr><td>Latitude 27° 58' 21.67" N</td><td>Latitude 27° 58' 18.47" N</td></tr><tr><td>Longitude 76° 23' 18.49" E</td><td>Longitude 76° 23' 13.41" E</td></tr></table>	NW	NE	Latitude 27° 58' 29.28" N	Latitude 27° 58' 32.50" N	Longitude 76° 23' 4.69" E	Longitude 76° 26' 10.04" E	SE	SW	Latitude 27° 58' 21.67" N	Latitude 27° 58' 18.47" N	Longitude 76° 23' 18.49" E	Longitude 76° 23' 13.41" E
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SE	SW													
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Longitude 76° 23' 18.49" E	Longitude 76° 23' 13.41" E													
17.	Interlinked projects	No interlinked project												
18.	Whether separate application of interlinked project has been submitted?	Not applicable												
19.	If yes, date of submission	Not applicable												
20.	If no, reason	Not applicable												
21.	Whether the proposal involves approval/ Clearance under: if yes, details of the same and their status to be given. (a) The Forest (Conservation) Act, [1980]? (b) The Wildlife (Protection) Act, 1972? (c) The CRZ	Not applicable												

Notification, 1991?												
22	Whether there is any Government Order/Policy relevant/relating to the site?	Not applicable										
23	Forest land involved (hectares)	None										
24	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up? (a) Name of the Court (b) Case No. (c) Orders/directions of the court, if any and its relevance with the proposed project	Not applicable										
25	Expected cost of the project	<table><tr><th>Project Cost</th><th>Amount (In Crores)</th></tr><tr><td>Existing</td><td>101.11</td></tr><tr><td>Proposed</td><td>0.2395 (Expansion)</td></tr><tr><td>Total</td><td>101.3495Crore</td></tr></table>	Project Cost	Amount (In Crores)	Existing	101.11	Proposed	0.2395 (Expansion)	Total	101.3495Crore		
Project Cost	Amount (In Crores)											
Existing	101.11											
Proposed	0.2395 (Expansion)											
Total	101.3495Crore											

*Capacity corresponding to sectoral activity (such as production capacity for manufacturing, mining lease area and production capacity for mineral production, area for mineral exploration, length for linear transport infrastructure, generation capacity for power generation etc.,)

II. ACTIVITY

1.	Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)	
5.	Information/Checklist	Yes/No
No.	confirmation	Details thereof (with approximate quantities /rates, wherever possible) with source of information data

1.1	Permanent or temporary change on land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	No	No change
1.2	Clearance of existing land, vegetation and buildings?	No	No change
1.3	Creation of new land uses?	No	No change
1.4	Pre-construction investigations e.g. bore holes, soil testing?	No	No change.
1.5	Construction works?	No	No change
1.6	Demolition works?	No	No change.
1.7	Temporary sites used for construction works or housing of construction workers?	No	No change.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	No	No change
1.9	Underground works including mining or tunneling?	No	Not Applicable.
1.10	Reclamation works?	No	Not Applicable
1.11	Dredging?	No	Not Applicable
1.12	Offshore structures?	No	Not Applicable
1.13	Production and manufacturing processes?	No	No change

1.14	Facilities for storage of goods or materials?	No	No change
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	No	No change
1.16	Facilities for long term housing of operational workers?	No	No change
1.17	New road, rail or sea traffic during construction or operation?	No	No change
1.18	New road, rail, air, waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	No change
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	No change
1.20	New or diverted transmission lines or pipelines?	No	Not Applicable.
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	None

1.22	Stream crossings?	No	None
1.23	Abstraction or transfers of water from ground or surface waters?	No	No change
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	No change
1.25	Transport of personnel or materials for construction, operation or decommissioning?	No	No change
1.26	Long-term dismantling or decommissioning or restoration works?	No	Restoration works for the project on long-term is an ongoing activity, which will not have any impact on physical environment
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	Not Applicable
1.28	Influx of people to an area on either temporarily or permanently?	No	No change
1.29	Introduction of alien species?	No	None
1.30	Loss of native species or genetic diversity?	No	No change
1.31	Any other actions?	No	None
2.	Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):		
S.No	Information/checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
2.1	Land especially undeveloped or	No	No additional land is required.

	agricultural land (ha)														
2.2	Water (expected source & competing users) unit: KLD	No	No change												
2.3	Minerals (MT)	No	No change												
2.4	Construction material - stone, aggregates, sand / soil (expected source - MT)	No	No change												
2.5	Forests and timber (source - MT)	No	Not Applicable												
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	No	<table border="1"> <thead> <tr> <th>Fuel</th><th>Existing</th><th>Proposed</th><th>Total</th></tr> </thead> <tbody> <tr> <td></td><td></td><td>Roller</td><td></td></tr> <tr> <td>Natural Gas /HSD</td><td></td><td>4TPH</td><td>4TPH</td></tr> </tbody> </table>	Fuel	Existing	Proposed	Total			Roller		Natural Gas /HSD		4TPH	4TPH
Fuel	Existing	Proposed	Total												
		Roller													
Natural Gas /HSD		4TPH	4TPH												
2.7	Any other natural resources (use appropriate standard units)	No	No other significant resource other than above is used.												

3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.

S. No.	Information/Checklist	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSRIIC rules) to human health or the environment (flora, fauna, and water supplies)	No	No change
3.2	Changes in occurrence of disease or affect	No	No change

	disease vectors (e.g. insect or water borne diseases)		
3.3	Affect the welfare of people e.g. by changing living conditions?	No	No change
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	No Change
3.5	Any other causes	No	No change.
4. Production of solid wastes during construction or operation or decommissioning (MT/month)			
5.	Information/Checklist	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
No.	confirmation		
4.1	Spoil, overburden or mine wastes	No	Not Applicable
4.2	Municipal waste (domestic and or commercial wastes)	No	No change
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	No change.
4.4	Other industrial process wastes.	No	No change
4.5	Surplus product.	No	None
4.6	Sewage sludge or other sludge from effluent treatment.	No	No change
4.7	Construction or demolition wastes	No	No change
4.8	Redundant machinery or equipment	No	No change
4.9	Contaminated soils or	No	No change

	other materials.		
4.10	Agricultural wastes.	No	No change
4.11	Other solid wastes.	No	No change
5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)			
5.	Information/Checklist	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
No.	confirmation		
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources.	No	SPM 15 to 20 ppm N _{ox} < 300 ppm S _{ox} - Nil The existing stack height of the 30 m will be utilized for this proposed boiler
5.2	Emissions from production processes.	No	The process is under in closed loop with filtration equipment. All material transfer is enclosed.
5.3	Emissions from materials handling including storage or transport	No	No Change
5.4	Emissions from construction activities including plant and equipment	No	No Change
5.5	Dust or odors from handling of materials including construction materials, sewage and waste	No	No Change
5.6	Emissions from incineration of waste	No	No Change
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	Not Applicable.
5.8	Emissions from any other sources	No	No Change

6.0 Generation of Noise and Vibration, and Emissions of Light and Heat:

5. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	No	No Change
6.2	From industrial or similar processes	No	No Change
6.3	From construction or demolition	No	No Change
6.4	From blasting or piling	No	None
6.5	From construction or operational traffic	No	No Change No Change
6.6	From lighting or cooling systems	No	No Change
6.7	From any other sources	No	Not Applicable.

7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

5. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials	No	No Change
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	No Change.
7.3	By deposition of pollutants emitted to air into the land or into water	No	No Change

7.1	From any other sources	No	No Change
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	No Change
8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment			
S. No.	Information/Checklist	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc. from storage, handling, use or production of hazardous substances	No	No Change
8.2	From any other causes	No	None
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst, etc)?	No	No change
9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality			
S. No.	Information/Checklist	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	Lead to development of supporting cities, ancillary development or development stimulated by the project which could have impact on the	No	No Change

	environment e.g.: - Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) - Housing development - Extractive industries - Supply industries - Other		
9.2	Lead to after use of the site, which could have an impact on environment	No	Not Applicable
9.3	Set a precedent for later developments	No	No Change
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	None.

III Environmental Sensitivity

S. No.	Areas	Name / Identity	Aerial distance (within 15Km) proposed location boundary
1	Areas protected under international conventions national or local legislation for their ecological, landscape, cultural or other related value	No	None

2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, humphres, mountains, forests	Yes	<table><tr><th>S. No.</th><th>Reserved Forest</th><th>Distance (Km) (From Project Boundary)</th><th>Direction</th></tr><tr><td>1.</td><td>Neemrana Reserved Forest</td><td>1.43</td><td>E</td></tr><tr><td>2.</td><td>Baruad Reserved Forest</td><td>7.30</td><td>SW</td></tr><tr><td colspan="4">Water Body/ River</td></tr><tr><td>1.</td><td>Sahibi or Sabi Nadi</td><td>7.07</td><td>SW</td></tr></table> <i>*Source: All distances are taken with respect to SOI GT Sheet.</i>	S. No.	Reserved Forest	Distance (Km) (From Project Boundary)	Direction	1.	Neemrana Reserved Forest	1.43	E	2.	Baruad Reserved Forest	7.30	SW	Water Body/ River				1.	Sahibi or Sabi Nadi	7.07	SW						
S. No.	Reserved Forest	Distance (Km) (From Project Boundary)	Direction																										
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Water Body/ River																													
1.	Sahibi or Sabi Nadi	7.07	SW																										
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering migration	Yes	<table><tr><th>S. No.</th><th>Reserved Forest</th><th>Distance (Km) (From Project Boundary)</th><th>Direction</th></tr><tr><td>1.</td><td>Neemrana Reserved Forest</td><td>1.43</td><td>E</td></tr><tr><td>2.</td><td>Baruad Reserved Forest</td><td>7.30</td><td>SW</td></tr></table> <i>*Source: All distances are taken with respect to SOI GT Sheet.</i>	S. No.	Reserved Forest	Distance (Km) (From Project Boundary)	Direction	1.	Neemrana Reserved Forest	1.43	E	2.	Baruad Reserved Forest	7.30	SW														
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1.	Neemrana Reserved Forest	1.43	E																										
2.	Baruad Reserved Forest	7.30	SW																										
4	Inland, coastal, marine or underground waters	None	There are no inland, coastal, marine or underground waters within 15 Km radius of the plant site.																										
5	State boundaries	National - Rajasthan Haryana	7.32 Km NW																										
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	<table><tr><th>S. No.</th><th>Particulars</th><th>Distance (Km) (From Project Boundary)</th><th>Direction</th></tr><tr><td>1.</td><td>NH-08</td><td>100 m</td><td>S</td></tr><tr><td>2.</td><td>SH-14</td><td>9.02 Km</td><td>SW</td></tr><tr><td>3.</td><td>SH-15</td><td>12.34 Km</td><td>NE</td></tr></table> <i>Source: All distances are taken with respect to SOI GT Sheet.</i>	S. No.	Particulars	Distance (Km) (From Project Boundary)	Direction	1.	NH-08	100 m	S	2.	SH-14	9.02 Km	SW	3.	SH-15	12.34 Km	NE											
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1.	NH-08	100 m	S																										
2.	SH-14	9.02 Km	SW																										
3.	SH-15	12.34 Km	NE																										
7	Defense installations	No	None within 15 Km radius.																										
8	Densely populated or built-up area	Neemrana	1.44 Km, North (Population -7143)																										
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	<table><tr><th>Name</th><th>Near Village(Km)</th><th>Distance & Direction</th></tr><tr><td colspan="3">Medical Facility</td></tr><tr><td>PFC Fouladpur</td><td>5.20 Km</td><td>E</td></tr><tr><td>Government Hospital (CHC)</td><td>2.57 Km</td><td>N</td></tr><tr><td>Satish Hospital</td><td>Neemrana (1.34)</td><td>NNW</td></tr><tr><td>ESIC Dispensary, Neemrana</td><td>Neemrana (1.38)</td><td>NNE</td></tr><tr><td>City Hospital</td><td>Neemrana (1.81)</td><td>NNE</td></tr><tr><td colspan="3">Schools</td></tr><tr><td>Kuldee Neemrana, Play School</td><td>Neemrana (660 m)</td><td>NNW</td></tr></table>	Name	Near Village(Km)	Distance & Direction	Medical Facility			PFC Fouladpur	5.20 Km	E	Government Hospital (CHC)	2.57 Km	N	Satish Hospital	Neemrana (1.34)	NNW	ESIC Dispensary, Neemrana	Neemrana (1.38)	NNE	City Hospital	Neemrana (1.81)	NNE	Schools			Kuldee Neemrana, Play School	Neemrana (660 m)	NNW
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Neemrana Fort	2.01	NNE																														
Nawa Hotel																																
<i>Source: All distances are taken with respect to SOI GT Sheet.</i>																																
10	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	<table><tr><td>None</td><td><table><tr><td>Name</td><td>Distance</td></tr><tr><td>Neemrana Block for Groundwater Resources</td><td>Classified as Over-exploited Zone for Groundwater resources by CGWA, New Delhi</td></tr></table></td></tr></table>	None	<table><tr><td>Name</td><td>Distance</td></tr><tr><td>Neemrana Block for Groundwater Resources</td><td>Classified as Over-exploited Zone for Groundwater resources by CGWA, New Delhi</td></tr></table>	Name	Distance	Neemrana Block for Groundwater Resources	Classified as Over-exploited Zone for Groundwater resources by CGWA, New Delhi																								
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11	Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)	<table><tr><td>None</td><td>There is no area already subjected to pollution or environmental damage within the study area.</td></tr></table>	None	There is no area already subjected to pollution or environmental damage within the study area.																												
None	There is no area already subjected to pollution or environmental damage within the study area.																															
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)	<table><tr><td>None</td><td>As per the 2002 Bureau of Indian Standards (BIS) seismic zone map of India, the region comes under Zone-IV. This zone is called the High Damage Risk Zone and covers areas liable to MSK VIII.</td></tr></table>	None	As per the 2002 Bureau of Indian Standards (BIS) seismic zone map of India, the region comes under Zone-IV. This zone is called the High Damage Risk Zone and covers areas liable to MSK VIII.																												
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"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

Sunil Mali
Vice-President, Supply Chain
Management

APPENDIX -VI
(See paragraph 6)
Form-4

APPLICATION FOR AMENDMENT IN
ENVIRONMENTAL CLEARANCE

APPENDIX -VI

[See paragraph 6]

Form-4

APPLICATION FOR AMENDMENT IN ENVIRONMENTAL CLEARANCE

1	Details of Project				
a.	Name of the Project (s)		Amendment in existing Environmental Clearance obtained: "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, RIICO Industrial Area, Neemrana Nagar, Tehsil- Neemrana, District Alwar, Rajasthan. Area - 76970 SQm.		
b.	Name of the Company / Organization		Alchem International Pvt Ltd		
c.	Registered Address		201 Empire Plaza Mehrauli Gurgaon Road Sultanpur New Delhi.		
d.	Legal Status of the Company		Private Limited		
e.	Joint Venture (Yes/No)		No		
	If Yes,				
	(i) No. of JV Partners(Multiple Entries Allowed)		NA		
	Name of the JV Partner	Share of the JV Partner	Address of the JV Partner	Email Id of JV Partner	Mobile No. of JV Partner
	NA	NA	NA	NA	NA
2	Address for the correspondence				
a.	Name of the applicant		Sunil Malik		
b.	Designation (Owner / Partner / CEO)		Vice President - Supply Chain Management		
c.	Address		[1] SP 2 5 , RIICO Industrial area , Phase 1, Neemrana, District- Alwar iro Services Private Limited # 92 Heera Nagar - A, Near Shalimar Bagh, Aimer Road,		



ENKAY ENVIRO SERVICES PVT. LTD., JAIPUR

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		Jaipur (Ra.) - 302 021.
d	Pin code	301705
e	e-mail	sunil.malik@alcheminternational.com info@enkayenviro.com
f	Telephone No.	91-1494-246996, 997
g	Fax No.	91- 1494-246995

3. Category of the Project/Activity as per Schedule of EIA Notification, 2006

a	Project / Activity 1(a)(i) / 1(a)(ii) / 1(b) / 1(c) / 1(d) / 1(e) / 2(a) / 2(b) / 3(a) / 3(b) / 4(a) / 4(b)(i) / 4(b) (ii) / 4(c) / 4(d) / 4(e) / 4(f) / 5(a) / 5(b) / 5(c) / 5(d) / 5(e) / 5(f) / 5(g) / 5(h) / 5(i) / 5(j) / 6(a) / 6(b) / 7(a) / 7(b) / 7 (c) / 7 (d) / 7 (da) / 7 (e) / 7 (f) / 7 (g) / 7 (h) / 7 (i) / 8 (a) / 8 (b)	5(f)
b.	Category (A/B ₁ /B ₂)	B ₁
	If B ₁ or B ₂	..
	Reason for application at Central level / State level (in case of B ₂ projects)	..
	If Others	..
c.	Please Specify	..
d	EAC concerned (for category A Projects only) (Coal Mining / Non-coal Mining / Thermal / River Valley & Hydro / Industry-I / Industry-II / Infrastructure-I / Infrastructure-II / Nuclear & Defence / CRZ	Industry-2

4. Location of the Project

a.	Plot / Survey / Khasra No.	SP 2-5 RIICO Industrial Area , Phase 1
b.	Village	Neemrana
c.	Tehsil	Neemrana(Formally under Behror Tehsil)
d.	District	Alwar
e.	State	Rajasthan
f	Pin Code	301705



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g	Bounded Latitudes (North)			
	From	: 27° 58'18.47" N		
	To	: 27° 58'32.59" N		
h	Bounded Longitudes (East)			
	From	: 76°23'13.41" E		
	To	: 76°26'10.04" E		
i	Survey of India Topo Sheet No.	: 53D/8, 54A/5,53D/12,54A/9 & 54A/1		
5	Details of environmental clearance			
A	Date of issue of environmental clearance	23rd July ,2018		
b	MOEF&CC/SEIAA file no	F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat 1(a) B1 (15361)/ 2019-20 dated 24/07/2019 SEIAA No 309		
c	Upload EC letter (PDF only)	EC Letters are enclosed as Annexure-I		
6	Details of Consent to Operate			
(i)	Whether Consent to operate obtained (Yes/No)?	Yes		
	If yes,	<table><tr><td>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 dated 30.10.2018</td><td>Valid upto 30/04/2023</td></tr></table>	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 dated 30.10.2018	Valid upto 30/04/2023
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 dated 30.10.2018	Valid upto 30/04/2023			
(ii)	Upload Copies of all Consent to operate obtained since inception (Upload pdf only)	Consent to Operate since inception are enclosed herewith as Annexure-III		
(iii)	Date of issue			
(iv)	Valid up to			
(v)	File No.			
(vi)	Application No			
(vii)	Upload Copy of Consent to operate valid as on date (Upload pdf only)	Consent to Operate are enclosed herewith as Annexure-II		



				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 dated 30.10.2018	Valid upto 30/04/2023
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 TPI 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. Rest of the period existing Agro husk Boiler (8 TPI) will be utilized.	
8	Details of product (as per approved EC)				
	Product/Activity (Capacity/Area)	Quantity From (Existing)	Quantity To (EC obtained)	Unit	Mode of Transport / Transmission of Product
	Herbal Extracts and Active Pharmaceutical Ingredients	200	735	Kg/Day	Trucks
	Unit:- (Tons per Annum(TPA), Mega Watt(MW), Hectares(ha), Kilo Litre per Day(KLD), Tons Crushed per Day(TCD), Cubic Meter per Day, Kilometers(Km), Million Liters per Day(MLD), Others)				
	Mode of Transport/Transmission of Product (Road, Rail, Conveyor Belt, Pipe Conveyor, Aerial Ropeway, combination of two or three modes, Others)				
9	Details of Configuration (Multiple Entries Allowed)				



Plant / Equipment / Facility	Existing Configuration	Proposed Configuration	Final configuration after Expansion	Remarks If any
Herbal Extracts and Active Pharmaceutical Ingredients	750 kg/day	Nil	735 kg/day	

10. Reasons for amendment: installation of new Natural Gas/HSD fired Boiler of capacity 4 TPH

11. Any other amendment required

Reference of approved EC	Description as per approved EC	Description as per proposal	Remarks
Nil.			

12. Details of EIA Consultant

a. Have you hired Consultant for preparing document(Yes/No)?	Yes
If No.	
(i) Reason for not engaging the Consultant	
If Yes.	
(i) Accreditation No.	NABET, QCI, Accredited S No 43, List of Accredited EIA Consultant Organizations (as on September 05, 2019)
(ii) Name of the EIA Consultant	Enkay Enviro Services Pvt Ltd
(iii) Address	92 Heera Nagar A, Near Shalimar Bagh, Amer Road, Jaipur -302021
(iv) Mobile No	09314363996
(v) Landline No.	0141 - 4920770, 4920771
(vi) E-mail Id	info@enkayenviro.com
(vii) Category of Accreditation (Eligible for Category A / Eligible for Category B)	Category A
(viii) Sector of Accreditation	21
(ix) Validity of Accreditation	Up to 15.11.2019



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(x) Upload Certificate of Accreditation certified by QCI/NABET (Upload pdf Only)	Copy of the Certificate of Accreditation certified by QCI/NABET is enclosed as Annexure-VI
13 Documents to be attached	
1. If Project Type is New / Expansion / Modernization / one-time capacity expansion for coal mining:	
a. Upload addendum to EIA/EMP Report	Copy of the addendum to EIA/EMP Report is uploaded- Annexure-V
b. Upload Copy of revised Feasibility Report/ Detailed Project Report (DPR) /Detailed Engineering Report /Detailed Conceptual Plan / Approved Mining Plan (in case of Mining proposals) (Upload pdf only)	Not Applicable
c. Upload Copy of Final Layout Plan (Upload pdf only)	Plant layout is given in Addendum EIA Report
d. Upload Cover Letter duly signed by the project proponent or authorized person (Upload pdf only)	Cover letter has been uploaded.
e. Upload a copy of 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 (Upload pdf only)	Authorization letter is enclosed herewith as Annexure-VII
f. Upload Additional File, if any (Upload pdf only)	



14 Undertaking

- a. I hereby give undertaking that the data and information given in the application and enclosures are true to the 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

b. Name	:	Sunil Malik
c. Designation	:	Vice President - Supply Chain Management
d. Company	:	Alchem International Pvt Ltd
e. Address	:	1) SP 2-5, RIICO Industrial area Phase 1, Neemrana, District- Alwar 2) Enkay Enviro Services Private Limited # 92 Beera Nagar - A, Near Shalimar Bagh, Ajmer Road, Jaipur (Raj.). - 302 021.



State Level Environment Impact Assessment Authority, Rajasthan

Main Building, Plot No. 112, Sector-1, Jaipur.

E-mail: seiaa2018@gmail.com Phone No. 0141-257815

SECRETARY, STATE SECRETARIAT, Government of Rajasthan, Jaipur-302002

M/s. Aardent International Pvt. Ltd.

Sector-1, Jaipur-302002

Mob. No. 9829014800

Satya prakash Chauhan

Subject: Expansion of Production Capacity of Herbal Extracts and Active Pharmaceutical Ingredients Manufacturing of Herbal Extracts and Active Pharmaceutical Ingredients. Expansion capacity: From 200 kg/day to 750 kg/day. Address: Plot No. 112 situated at SP 2-5, Kharod Industrial Area, Jaipur. Project area: 7.57 Sq.m (Proposal No-30024, SLEA No-309).

This has reference to your application dated 15.08.2023 regarding clearance for the above project under EIA for expansion of Herbal Extracts and Active Pharmaceutical Ingredients manufacturing of Herbal Extracts and Active Pharmaceutical Ingredients. The project is being implemented in the light of provisions given in EIA-2017. The project is based on the attached documents enclosed to the application. The project is an EIA and additional clarifications for the project expansion are required. The project is under approval of the Expert Appraisal Committee. Request is made for approval of the project.

2. Brief details of the Project.

Sl. No.	Particulars	Details
1	Company Name Schedule	Category - Urban site
2	Location of Project	SP 2-5, RHO Industrial Area, Jaipur. Address: Plot No. 112
3	Project Details Time taken for	Given below
4	Details of construction (taken place at site/any)	This is existing project. The expansion is up to 750 kg/day.
5	Salient features regarding products and process in brief including Plant Capacity	The Proposed expansion of Production Capacity With Change in the Product Mix of Manufacturing of Herbal Extracts and Active Pharmaceutical Ingredients. Capacity: From 200 kg/day to 750 kg/day.
6		<u>PURE HERBAL PRODUCTS MANUFACTURING LTD</u>

FACTORY				
S. No.	Product	Raw Material (Herb)	Annual Quantity of Herb used for Extraction (in Tons)	Quantity of Final Product (Kg Annual)
1	Scrub Scrub	Scrub Scrub and Peas	1000	10000
2	Scrub Scrub	Scrub Scrub and Peas	1000	10000
3	Scrub Scrub	Scrub Scrub and Peas	1000	10000
4	Scrub Scrub	Scrub Scrub and Peas	1000	10000
5	Scrub Scrub	Scrub Scrub and Peas	1000	10000
6	Scrub Scrub	Scrub Scrub and Peas	1000	10000
			1000	60000

PERI HERBAL PRODUCTS PROPOSED TO BE MANUFACTURED IN THE FACTORY

S. No.	Product	Raw Material (Herb)	Annual Quantity of Herb used for Extraction (in Tons)	Quantity of Final Product (Kg Annual)
1	Peri Herb Extract	Peri Herb Leaves	10	1000
2	Red Clover Extract	Red Clover	10	1000
3	Trifolium Extract	Trifolium Communis	10	1000
4	Trifolium Extract	Trifolium Communis	10	1000
5	Pygeum Extract	Pygeum Africanum	10	1000
6	Salacia Extract	Salacia Root	10	1000
7	Pelargonium Extract	Pelargonium Root	10	1000
8	Caperol	Caperol Root	10	1000
9	Is. De	Is. De	100	1000
	Acetyl	Acetyl	100	1000

	Recutter	Leaves		
10.	Cinchona	Leaves, Stems, Barks	1000	800
11.	Nicotina Tobacco	Leaves	1000	1200
12.	Nicotina Tobacco Residue	Leaves	1000	800
13.	Nicotina Tobacco Residue	Leaves	1000	800
14.	Hibiscus	Leaves	1000	800
15.	Hibiscus	Leaves	1000	800
16.	Vaccinium	Leaves	1000	800
17.	Santalum	Leaves	1000	800
				117500

**STATEMENT OF THE PRODUCTS PROPOSED TO BE
MANUFACTURED IN THE FACTORY**

1.	Hibiscus	Leaves	1000	800
2.	Hibiscus	Leaves	1000	800
3.	Hibiscus	Leaves	1000	800
4.	Hibiscus	Leaves	1000	800
5.	Atropine	Leaves	1000	800
6.	Cinchona	Leaves	1000	800
7.	Me	Leaves	1000	800
8.	Amphetamine	Seeds	1000	800
9.	Amphetamine	Seeds	1000	800
10.	Digitalis	Leaves	1000	800

7	Polypogonum michx.	Polypogonum Races	100
8	Ginger	Ginger Root	100
9	Isid. Acety Baccatum	Isid. Baccat. Leaves	100
10	Cochine	Cochine Superb Seeds	50
11	Nicotia L.F. SP	Nicotia Base	100
12	Nicotia P. ... Races	Nicotia Base Leaves	100
13	Nicotia D. H. ... L. ...	Nicotia Base	100
14	Hyoscyamus	Hyoscyamus	100
15	H. ... L. ...	H. ... L. ...	100
16	Viola D. L. ...	Viola Base	100
17	Scopolamine L. ...	Scopolamine L. ...	100
			9050

**SEMI-SYNTHETIC PRODUCTS PROPOSED TO BE
MANUFACTURED IN THE FACTORY**

1	Hyoscyamus	Hyoscyamus	100
2	Hyoscyamus Bromide	Hyoscyamus Bromide	100
3	Hyoscyamus Hydrobromide	Hyoscyamus Hydrobromide	100
4	Hyoscyamus Sulfate	Hyoscyamus Sulfate	100
5	Viola D. L. ...	Viola Base	100
6	Viola D. L. ...	Viola Base	100
7	Viola D. L. ...	Viola Base	100
8	Viola D. L. ...	Viola Base	100
9	Viola D. L. ...	Viola Base	100
10	Viola D. L. ...	Viola Base	100
11	Viola D. L. ...	Viola Base	100
12	Viola D. L. ...	Viola Base	100

13.	Paraformal	20 (De Acetyl Accelerator)	Indigose
14.	Paraformal	20 (De Acetyl Accelerator)	Indigose
15.	Hydroxypropyl Methyl Methacrylate	1000	Indigose
Total			1100

Source: Project Data

Assessment: S

Control Measure:

1. No water is used

2. No water is used

3. No water is used

4. No water is used

5. No water is used

6. No water is used

7. No water is used

8. No water is used

9. No water is used

10. No water is used

The total estimated water demand is 1000 KL/day.

The new water demand is estimated 297 KL/D for expansion. But this water demand is estimated 108 KL/D which will be met out from existing water well with 1200 KL/D permission from CGWA and 97 KL/D water will be recycled after treatment with TFF.

Particulars	Water Demand (KL/D)		
	Existing	Proposed	Total
Industrial	108	189	297
Domestic	1000	1000	2000
Other	0	0	0
Existing Recycling			
Total	1118	1189	2307

*However, the domestic waste water is being used for flushing and washing. Therefore, the proposed recycled water demand 100 KL/D will be used for industrial and 97 KL/D will be conserved.

Source: Existing water well and additional water demand will be withdrawn after obtaining permission from CGWA.

Area	Waste water generated KL/D			Disposal
	Existing	Proposed	Total	
Industrial	200	850	1050	Existing waste water is being treated in TFF with Capacity of 50 KL/D and proposed waste water will be treated in TFF and Treatment Plant with expansion in Capacity from 50 KL/D to 200 KL/D.
Domestic	12	38	50 KL/D	Existing waste water is being

Corporate Social Responsibility				
Board of Management				
1	Green Belt Development	100	100	100
2	Environmental Health	100	100	100
Total		200	200	200

CSL A/C 100
100
100
100

Approved by the Management of F No. 22/65/2017/VET/Dir on May 11, 2018 by the
Maldives Environmental Protection Corporation (Environmental Responsibility) for the Corporation's
Annual Environmental Investment Outline (O&M) for the year 2018-2022 (Annual Investment
Outline) and Project.

Noted by the Director of the Environmental Protection Corporation (Director) on May 11, 2018 by the
Director of the Environmental Protection Corporation (Director).

Total 2018-22 (5 Years) C.R. Budget: Rs. 18,25*

Approved by the proposed extension of the project.

8. No. 100/2018/VET/Dir on May 11, 2018 by the Director of the Environmental Protection Corporation (Director).

100/2018/VET/Dir on May 11, 2018 by the Director of the Environmental Protection Corporation (Director).

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100/2018/VET/Dir on May 11, 2018 by the Director of the Environmental Protection Corporation (Director).

100/2018/VET/Dir on May 11, 2018 by the Director of the Environmental Protection Corporation (Director).

 School of Engineers

 2021-2022

Sd/- (Signature)

Date: _____

Sd/- (Signature) of the Head of Institution: _____

I hereby certify that the above is a true and correct copy

of the original document.

Sd/- (Signature) of the Head of Institution: _____

Date: _____

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of the original document.

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of the original document.

Sd/- (Signature) of the Head of Institution: _____

Date: _____





A. Facilities and Services: Medical

200,000 64,750 264,750

- 1. Outpatient clinic, including:
- a. Examination room
- b. Waiting room (6,000 sq. ft.)
- c. Reception, Receptionist
- d. Laboratory (10,000 sq. ft.)
- e. X-ray (10,000 sq. ft.)
- f. Radiology (10,000 sq. ft.)
- g. Pharmacy (10,000 sq. ft.)

- 2. Outpatient clinic
- 3. Outpatient clinic

B. Facilities and Services: Other

- 1. Outpatient clinic
- 2. Outpatient clinic
- 3. Outpatient clinic
- 4. Outpatient clinic
- 5. Outpatient clinic
- 6. Outpatient clinic
- 7. Outpatient clinic
- 8. Outpatient clinic
- 9. Outpatient clinic
- 10. Outpatient clinic

C. Facilities and Services: Other

- 1. Outpatient clinic
- 2. Outpatient clinic
- 3. Outpatient clinic
- 4. Outpatient clinic
- 5. Outpatient clinic
- 6. Outpatient clinic
- 7. Outpatient clinic
- 8. Outpatient clinic
- 9. Outpatient clinic
- 10. Outpatient clinic

D. Facilities and Services: Other

- 1. Outpatient clinic
- 2. Outpatient clinic
- 3. Outpatient clinic
- 4. Outpatient clinic
- 5. Outpatient clinic
- 6. Outpatient clinic
- 7. Outpatient clinic
- 8. Outpatient clinic
- 9. Outpatient clinic
- 10. Outpatient clinic

Regular upkeep shall be funded by the State of Maryland.

Facilities: Maryland

Table 1

S. NO.	PARTICULARS	Capital cost	Recurring Cost
1	Station Fuel for cooking & heating		
2	Electricity		
3	Drinking water		
4	Sanitation facility & sewerage with soak pit	4.0 Lacs	2.0 Lacs
5	Health facility & Arrangements		
6	Medical Examination		
7	Cost of the two vehicles		
8	Contingency		

SEDA has carried out the due considerations of the original documents submitted by the project proponent and additional clarifications documents furnished by the project proponent to the original clearance with certain stipulations. The SEDA Rajastan after considering the proposal and recommendation of the SEDA Rajasthan in its 13th Meeting held on 01.07.2019 awarded Environmental Clearance to the project as per the provisions of Environmental Impact Assessment Notification 1996 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

SPECIFIC CONDITIONS

1. The E.C. is issued for the proposed expansion of production capacity from 200 kg per day to 55 kg per day with change in product mix for manufacturing of herbal extracts and other Pharmaceutical Ingredients as per data's mentioned in above table.
2. The PP shall obtain Consent to Establish and Operate from the Rajasthan State Pollution Control Board under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1986 before carrying on production activity.
3. The PP shall make compliance of the provisions of the Environment (Protection) Act, 1986 and the rules and notifications issued thereunder.
4. This E.C. is issued 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 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. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 15 of the National Green Tribunal Act, 2010.

5. As committed the PP shall earmark and spend an amount of Rs. 70.75 lacs towards environmental measures and implementation of various activities under Environmental Management Plan.
6. The PP shall earmark and spend an amount of Rs 38.25 lacs as CSR amount. Details of CSR as per the proposal submitted and the detailed action plan be submitted to RSPB for seeking CII.
7. Total water demand for proposed expansion will be 297 KLD (this includes 100 KLD and the recycled water demand is 197 KLD). The necessary permit for the water should be obtained and submitted to RSPB. For water saving measures, the necessary permission from GWA shall be taken.
8. The industrial waste water will be treated in ETP of 150 KLD capacity. The existing state RO plant keeping ratio high discharge of 100 m³ per day will be used for treating waste water in cooling tower. The RO treated waste water shall be disposed in the separate capacity. Major ETP and ETP capacity will be provided for the expansion. Construction of the ETP, RO plant and MFL shall be completed before the start of the project and start of the project shall be functional before the project expansion. An independent expert shall certify the installation of the ETP and Treatment Plant. ETP and RO plant in this regard shall be supervised by the RSPB before the project expansion and start of operation. Treated waste water shall conform to the norms & standards of the State Pollution Control Board.
9. As already committed by the project proponent, Zero Liquid Discharge, i.e., no effluent or waste treated water shall be discharged outside the premises.
10. The project proponent shall provide online continuous monitoring of effluent and install web camera with night vision capability and flow meters for effluent and effluent carrying effluent within the premises.
11. The domestic waste water will be treated in STP of 20 KLD capacity. The treated water, conforming to prescribed standards, will be used for plant and office water utilization within the premises.
12. The ETP, STP and RO shall have a separate flow meter and energy meter and the same shall be monitored.
13. The PP should provide at least 4 no. of piezometric wells in the premises and the location of such wells shall be decided in consultation with the Regional Office and the same shall be monitored by the PP. Location of the well should be checked by the RSPB.
14. Process effluent and wastewater shall not be allowed to run in open drains. All effluent water from the premises shall be collected and discharged through a separate collection system.
15. The PP shall achieve the stack emission standards and a chimney should be installed under E.P. Rules 86 and its subsequent amendments.
16. The height of the stack for disbursement of the process emissions shall not be less than 30.00 Mtrs. from ground level.
17. In case of coal fired boiler the PP shall explore the possibility of use of gas.
18. The particulate matter and gaseous emissions (SO₂, NO_x, CO₂, CO, CF₄) generated from the processes and its storages shall conform to the standards prescribed by the State Pollution Control Board / Central Pollution Control Board as under the Environment Protection Rules 86 from time to time.

20. The Project Proponent shall provide online continuous monitoring system in all the major stacks (if applicable) as per the CPCB guideline and ensure connectivity to the same with CPCB & RSPCB server.
21. At no time the emissions shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the units, the unit shall immediately put off emission and shut down till the control measures are rectified to achieve the desired efficiency.
22. Ambient air quality monitoring stations shall be set up in the down wind direction as well as where maximum ground level concentration of PM₁₀ & PM_{2.5}, SO₂, NO₂, CO, O₃ etc. is likely to be in consonance with Rajasthan State Pollution Control Board.
23. The ambient Air Quality Monitoring Standards issued by the Ministry of Env. & Forests, Govt. of India shall be complied with.
24. The Project Proponent shall carry out regular monitoring of all emissions (i.e. source, type, quantity) and conduct a full assessment of performance of Air pollution control measures.
25. All units and supporting facilities shall be provided for the stacks emissions monitoring as per the CPCB guidelines. Stack emissions shall be monitored in consultation with RSPCB.
26. The PP shall follow the Safety, Health & Environment (SHE) Plan and submit to RSPCB.
27. Data on ambient air quality and stack emissions shall be submitted to RSPCB, once in a month as per the Model S.A.B. (CPCB Govt. Approved) file.
28. The Project Proponent shall ensure that the workers and staff are informed that the same category of work should be avoided when the pollution level is high.
29. The Project Proponent shall obtain proper authorization from Rajasthan State Pollution Control Board for carrying out various works under the provision of RWMI-2008.
30. The handling, manufacture, storage and transportation of Hazardous chemicals shall be in accordance with the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 (amended till date).
31. Extensive measures for the control of noise shall be taken so as to keep the noise level within the permissible work environment. Persons working near the machines shall be provided with well-designed ear muffs/plugs and other personal protective equipments.
32. Suitable safety system and standard procedure for transferring the information on any occurrence of an accident to the proper local point shall be established.
33. Efforts shall be made to increase green belt ~~all~~ around the premises. Native plant species shall be selected for this purpose in consultation with the local Forest Department. A green belt development plan be prepared and implemented so as to cover at least 33% area of the plot size.
34. The PP shall provide stacks of adequate height at the proposed one DCG Set (11600 KVA) along with acoustic enclosures for noise control as per CPCB guidelines. The DCG Set shall comply with the norms notified under Environment (Protection) Act, 1986.
35. A qualified person in the field of environment or separate Environmental Management Cell to be established to implement and carry out various functions is set up under the control of a Senior Executive who will report directly to the head of the project.
36. The PP shall provide all necessary facilities like health facility, sanitation facility, fuel for cooking, safe drinking water, medical camps, and toilets for women, crèche for infants etc. In factures. As proposed the PP shall earmark and spend an amount of Rs. 5 lac as capital cost and Rs. 0.5 as annual recurring cost for labour welfare.

36. The PP will ensure that no employee or worker remains on duty within the grant area for more than 8 hours per day in one stretch in normal conditions. However, longer hours for operation and maintenance tasks, over time can be provided as per the Rajasthan safety rules for personnel deployed for infrastructure works.
37. The funds earmarked for the environmental protection measures shall be kept in a separate account and shall not be diverted for other purposes and year wise expenditure shall be reported to the Rajasthan State Pollution Control Board under the rules prescribed for environmental audit.
38. The Periodical medical checkup of the workers shall be done as per the rules prescribed for monitoring and effects of fluorine on human health need to be taken into account for consideration.
39. The PP shall ensure that the EC letter provided as the status of compliance of the project shall be submitted to the MoEF, Regional Office, Jaipur, along with the annual compliance report.
40. The SDAV, Rajasthan reserves the right to take any action against the project in case of non-compliance with the condition and may revoke the clearance or impose conditions on the project, including but not limited to other stipulations imposed by competent authorities. The project shall submit monthly compliance status reports in printed along with implementation of environmental measures shall be submitted to MoEF, Regional Office, Jaipur and RPP Board SDAV Jaipur.
41. The PP shall obtain prior clearance from forestry and wild life department for the project. For a standing commitment of National Forest Policy, the project proponent shall categorically stated that grant of EC does not necessarily implies that forest and wildlife clearance shall be granted to the project and that proposals for forest and wildlife clearance will be considered by the respective authorities and their decision shall be taken. The investment made in the project if any forest or EC so granted, notwithstanding clearance from forestry and wild life, single shall be strictly adhered to and the project proponent MoEF shall not be responsible in this regard in any manner.
42. The project proponent shall comply with the provisions contained in the MoEF notification vide L No. 22/68-2011/IV III dated 1st March 2018, as approved regarding the project proponent's responsibility.
43. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring any deviations, infringements deviation/violation of the environmental forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental forest/wildlife norms/ conditions and to shareholders/stakeholders. The copy of the board resolution in this regard shall be submitted to MoEF & CF as a part of six-monthly report.
44. A separate Environmental Cell both at the project and company head quarter level with qualified personnel shall be set up under the control of senior Executive who will report to the head of the organization.
45. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry Regional Office along with the Six Monthly Compliance Report.



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: - 76,970 Sq.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

NO INCREASE IN POLLUTION LOAD

Applicant: - Alchem International Pvt Ltd

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

SP 2-5, RIICO Industrial Area, 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 Heera Nagar - A. Near Shalimar Bagh, Ajmer Road, Jaipur (Raj.), 302 021

Phone: - 0141-2354997, 2353996

Email: - info@enkayenviro.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-S, RIICO Industrial Area, Neemrana Nagar, Tehsil-Neemrana, District - Alwar, Rajasthan. Area - 76970 SQM
Area	76,970Sq.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 , Jaipur (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 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.

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 - II-A,



S. No.	Parameter	Details	Pollution Load/ Remark
1	Production	As per the Environment Clearance accorded vide letter no. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project / Cat. 1(a) B1 (15361)/ 2019-20 dated 24/07/2019 with production capacity of Herbal Extracts and Active Pharmaceutical Ingredients 735 KG/Day. Enclosed as Annexure -I.	There will be no change in production.
2		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 dated 30.10. 2018. Enclosed as Annexure -II-A	
3		Consent to Establish for the expansion project has been submitted to RSPCB. Enclosed as Annexure-II-B	

1.2 SAILENT FEATURES OF THE PROJECT

S. No.	PARTICULARS	DETAILS
1	Nature & Size of the Project	Amendment in existing Environmental Clearance obtained for expansion of Production Capacity with change in the product Mix for Manufacturing 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, RIICO Industrial Area, Neemrana Nagar, Tehsil- Neemrana, District - Alwar, Rajasthan.
2.	Category of the Project	"B".
3.	Location	As under:-
	Village	SP 2-5, RIICO Industrial Area , Phase I Neemrana
	Tehsil	Neemrana(Formally under Behror Tehsil)
	District	Alwar
	State	Rajasthan
4.	Latitude & Longitude	The geographical location of the area is as under:- NW NE



		Latitude 27° 58' 29.28" N Longitude 76° 23' 4.69" E	Latitude 27° 58' 32.59" N Longitude 76° 26' 10.04" E				
		SE	SW				
		Latitude 27° 58' 21.67" N Longitude 76° 23' 18.49" E	Latitude 27° 58' 18.47" N Longitude 76° 23' 18.41" E				
	Toposheet No.	53D/B, 54A/5, 53D/12, 54A/9 & 54A/1					
5.	Project Details						
	Capital Cost of the project	Existing- Rs.101.11 Crore. ; Proposed Amendment - Rs. 0.2395 Crore.; Total -101.3495 Crore					
	Cost for Environmental Protection measures	S. No.	Environmental Protection Measures	For EC granted	After Amendment		
	Capital	1.	Capital	Rs. 711.75 lacs	No Change		
	Recurring	2.	Recurring	Rs. 75 lacs/Annum	No Change		
6.	Project Requirement						
	Area	Total Lease Area	76.9705sq.m				
		Green Area	26,170 SQM				
	Water Requirement (KLD)	One-time water demand is estimated 297 KLD. Daily fresh water demand is estimated 200 KLD. 97 KLD water will be recycled after treatment with ETP					
	Water Source	Existing bore well and RIICO					
	Power Requirement (MW)	S. No.	Power Consumption	Total			
		1.	Existing	2000 KVA			
		2.	Proposed	Nil			
		Total		2000KVA			
	Manpower Requirement	S. No	Category	No of Persons	Remarks		
				Existing	Proposed Amendment	Total	
		1.	Permanent Staff	67	NIL	67	Local people will be employed
		2.	Skilled	106		106	
		3.	Semi Skilled	47		47	
		Total		220		220	
7.	Project Site Vicinity Details						
	Nearest Railway Station	Majri Nangal Railway Station, Haryana- 17.0Km, ENE					

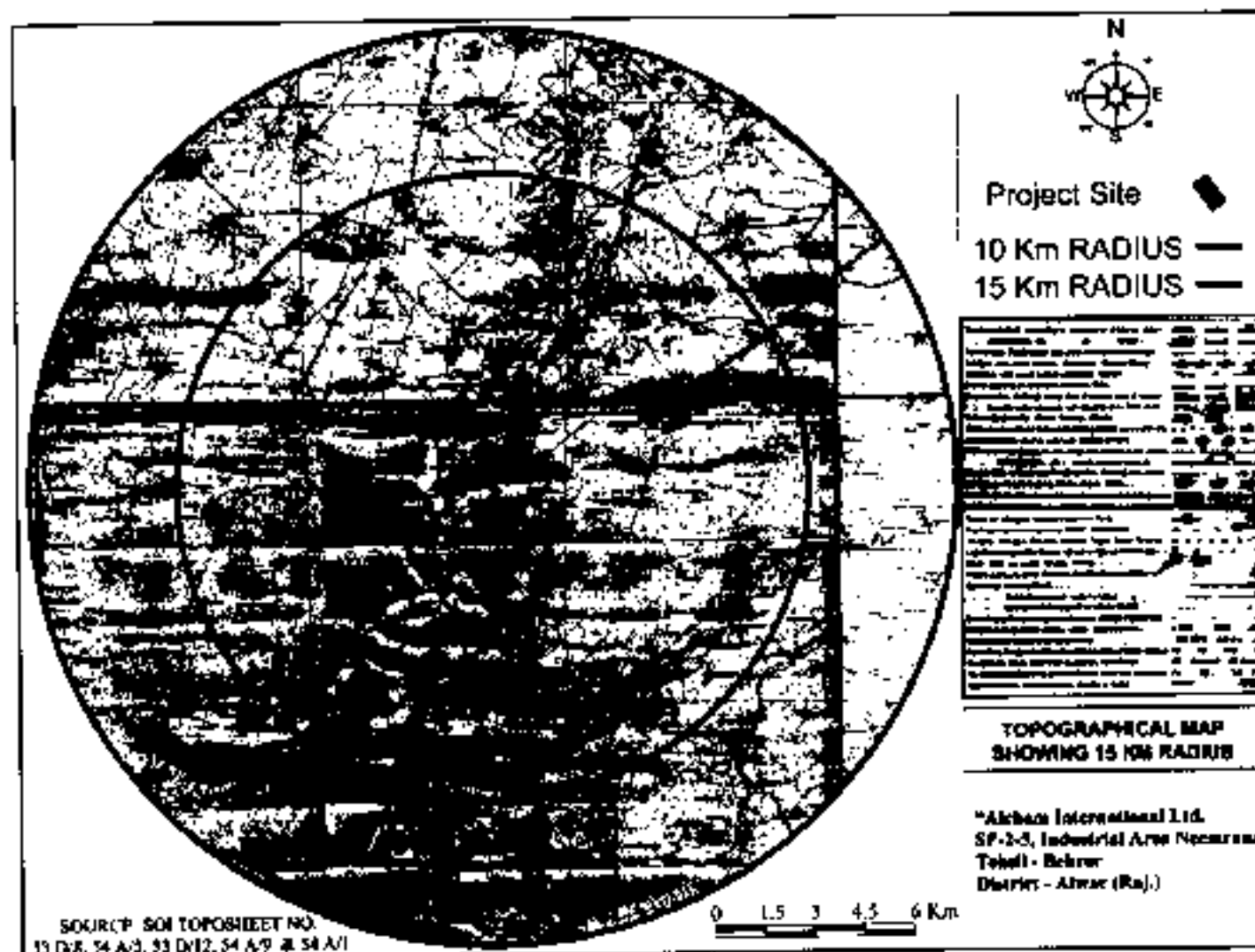


Nearest National Highway/State Highway	S. No.	Particulars	Distance (Km) (From Project Boundary)	Direction									
	1	NH-08	100 m	S									
	2.	SH-14	9.02 Km	SW									
	3.	SH-15	12.34 Km	SE									
*Source: - All distances are taken with respect to Google Earth.													
Nearest Town/ City	<table><tr><th>Particulars</th><th>Name</th><th>Distance, Direction (From Project Boundary)</th></tr><tr><td>Nearest City</td><td>Neemrana</td><td>1.44 Km NNE</td></tr><tr><td>Nearest District</td><td>Alwar</td><td>51.08 Km SE</td></tr></table> *Source: - All distances are taken with respect to Google Earth.				Particulars	Name	Distance, Direction (From Project Boundary)	Nearest City	Neemrana	1.44 Km NNE	Nearest District	Alwar	51.08 Km SE
Particulars	Name	Distance, Direction (From Project Boundary)											
Nearest City	Neemrana	1.44 Km NNE											
Nearest District	Alwar	51.08 Km SE											
Nearest Airport	Delhi International Airport - 96.02 Km, NE.												
Nearest River	<table><tr><th colspan="4">Water Body/ River</th></tr><tr><td>1.</td><td>Sahibi or Sahi Nadi</td><td>7.07</td><td>SW</td></tr></table> *Source: - All distances are taken with respect to SOI G.T. Sheet.				Water Body/ River				1.	Sahibi or Sahi Nadi	7.07	SW	
Water Body/ River													
1.	Sahibi or Sahi Nadi	7.07	SW										
Reserved/ Protected Forest within 10 km radius	S. No	Reserved Forest	Distance (Km) (From Project Boundary)	Direction									
	1.	Neemrana Reserved Forest	1.43	E									
	2.	Barwad Reserved Forest	7.30	SW									
*Source: - All distances are taken with respect to SOI G.T. Sheet.													
Ecological Sensitive Areas	None within 10 Km radius.												
Seismic Zone	As per the 2002 Bureau of Indian Standards (BIS) seismic zone map of India, the region comes under Zone-IV. This zone is called the High Damage Risk Zone and covers areas liable to MSK VIII.												



PROJECT: HERBAL EXTRACTS AND ACTIVE PHARMACEUTICAL INGREDIENTS.
 APPLICANT: ALCHEM INTERNATIONAL PVT. LTD
 DOCUMENT NO.: EESP/AILNEMRANA/002/EC/Ind./2016-17/420

POLLUTION LOAD STATEMENT



EKKAY ENVIRO SERVICES PVT. LTD., JAIPUR

OCTOBER 2019

1.3 EXISTING AND PROPOSED CAPACITIES

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

S.	Particulars	Parameters	Unit	For EC	After	Change %	Remarks
----	-------------	------------	------	--------	-------	----------	---------



No				granted	Amendment		
1.	Project Cost	Project Cost: Existing- Rs.101.11 Crore. ; Proposed Amendment - Rs. 0.2395 Crore.; Total 101.3495Crore.	Crores	101.11	0.2395	0.237	Minimal increment of Project Cost.
	Resource consumption	Energy Consumption	kVA	2000	Nil	Nil	No Change
		DG Set*	kVA	2x 500 1 x 110 1 x 1010	Nil	Nil	No change
		Fuel Requirement	(ltr./ Hr)	320 ltr/hr	Nil	Nil	No change
		Husk & Exhausted herbs	TPD	160	Nil	Nil	No change
		Natural gas HSD	SCM	Nil	4TPH	N/A	Changes desired to reduce the emission load.
		Water Consumption	KLD	16,682	Nil	Nil	No change
2	Air environment	Air Quality Prediction	PM ₁₀ PM _{2.5} NO _x CO	94.67 59.51 30.3 1255	No Increase No change No change No change	- - - .	Natural Gas will cause very less pollution
3.	Noise Environment	db(A)		≤80 dB (A) (max.) at the time of construction and installation of machinery	Same as before	Nil	No change expected during construction and installation phase; and in the operational phase minimal noise will be generated due to the eco friendly





								handlers
	3	Process residue (Distillation residue)	20.3	510000	Nil	510000	Kg	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	Nil	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	Kg	It is being/will be sent to the approved TSDF site at Udaipur for disposal
	6.	Expiry Drugs/ Medicines	28.4	200	Nil	200	Kg	It is being/will be sent to the

							approved TSDF site at Udaipur for disposal.
6.	Solid waste (ETP & STP)	STP sludge	200 kg/day	28.1	Nil	Nil	used as manure in plantation.
		Domestic waste	110 kg/day	60.0	Nil	Nil	To be sent to Behror Municipal Corporation site.
		MEE sludge	Kg/day	200	Nil	Nil	sent to authorize vendors.
7	Ecology & Biodiversity	--	--	No significant impact assessed	No significant impact assessed	Nil	No change
8	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 boiler.**

The existing stack of the boiler will be utilized

1.5 ENVIRONMENTAL PARAMETERS

1.5.1 AIR ENVIRONMENT

Prediction of impacts on air 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**.



Table 1: Stack Emission Details

S. No.	Parameters	Units	Existing					Proposed
			Boilers (8 TPH each)		D.G. Set			D.G. Set
			Stack -I	Stack -II	(110 kVA) Stack- III	(500 kVA) Stack- IV	(500 kVA) Stack- V	(1000 kVA) Stack- VII
1	Stack Height	m	30	30	9.5	11	11	30
2	Top diameter of flue	m	1	1	0.1	0.15	0.15	0.25
3	Flue gas velocity	m/sec	12	12	14	14	14	12
4	Exit Flue gas temperature	°K	383	383	453	473	473	453
5	Flue gas flow rate	m ³ /sec	9.42	9.42	0.11	0.25	0.25	0.59
6	Emission rate at stack exit							
A	SPM	mg/NM ³	< 100	< 100	0.3 g/kw-hr	0.3 g/kw-hr	0.3 g/kw-hr	75
B	NO _x	mg/NM ³	< 500	< 500	9.2 g/kw-hr	9.2 g/kw-hr	9.2 g/kw-hr	710 ppmv
C	SO ₂	g/s	2.36	2.36	-	-	-	-
D	CO	mg/NM ³	-	-	3.5 g/kw-hr	3.5 g/kw-hr	3.5 g/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 PM₁₀, PM_{2.5}, NO₂ and CO for study period were 0.12 µg/m³, 0.08 µg/m³, 0.7 µg/m³ and 0.53 µg/m³ respectively. The obtained GLC's are well within the stipulated CPCB standards. The incremental ground level concentrations for NO₂ and CO are given in Table-3.

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

Pollutant	Maximum Incremental Concentration (µg/m ³)	(X,Y) coordinates (m)	Towards Direction
PM ₁₀	0.12	(1000 , 0)	E
PM _{2.5}	0.08	(1000 , 0)	E
NO ₂	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_x 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 $\mu\text{g}/\text{m}^3$	Resultant GLC's $\mu\text{g}/\text{m}^3$	Standard in $\mu\text{g}/\text{m}^3$
NO_x	29.6	0.7	30.3	80
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 10th November, 2009].

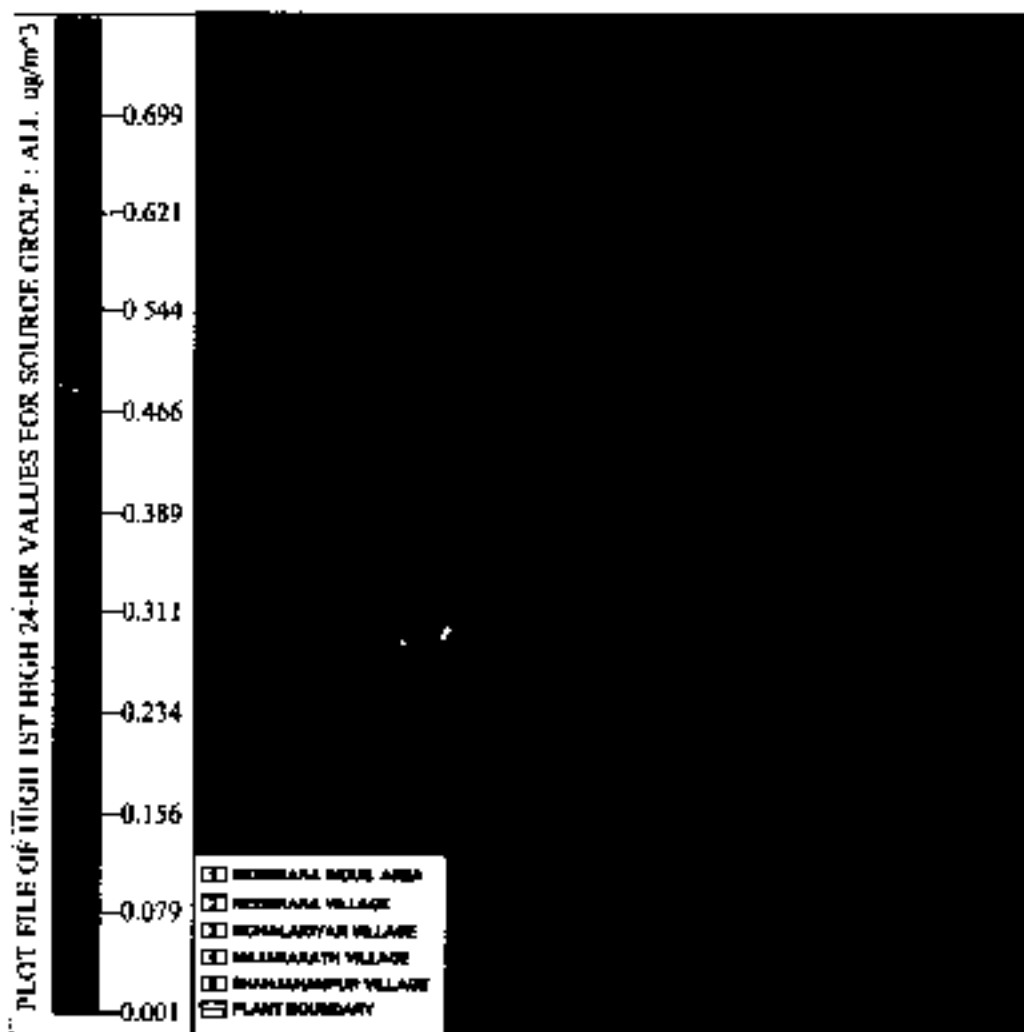


Figure- 1(a): Isopleths Showing Maximum Incremental Ground Level Concentrations of NO_2

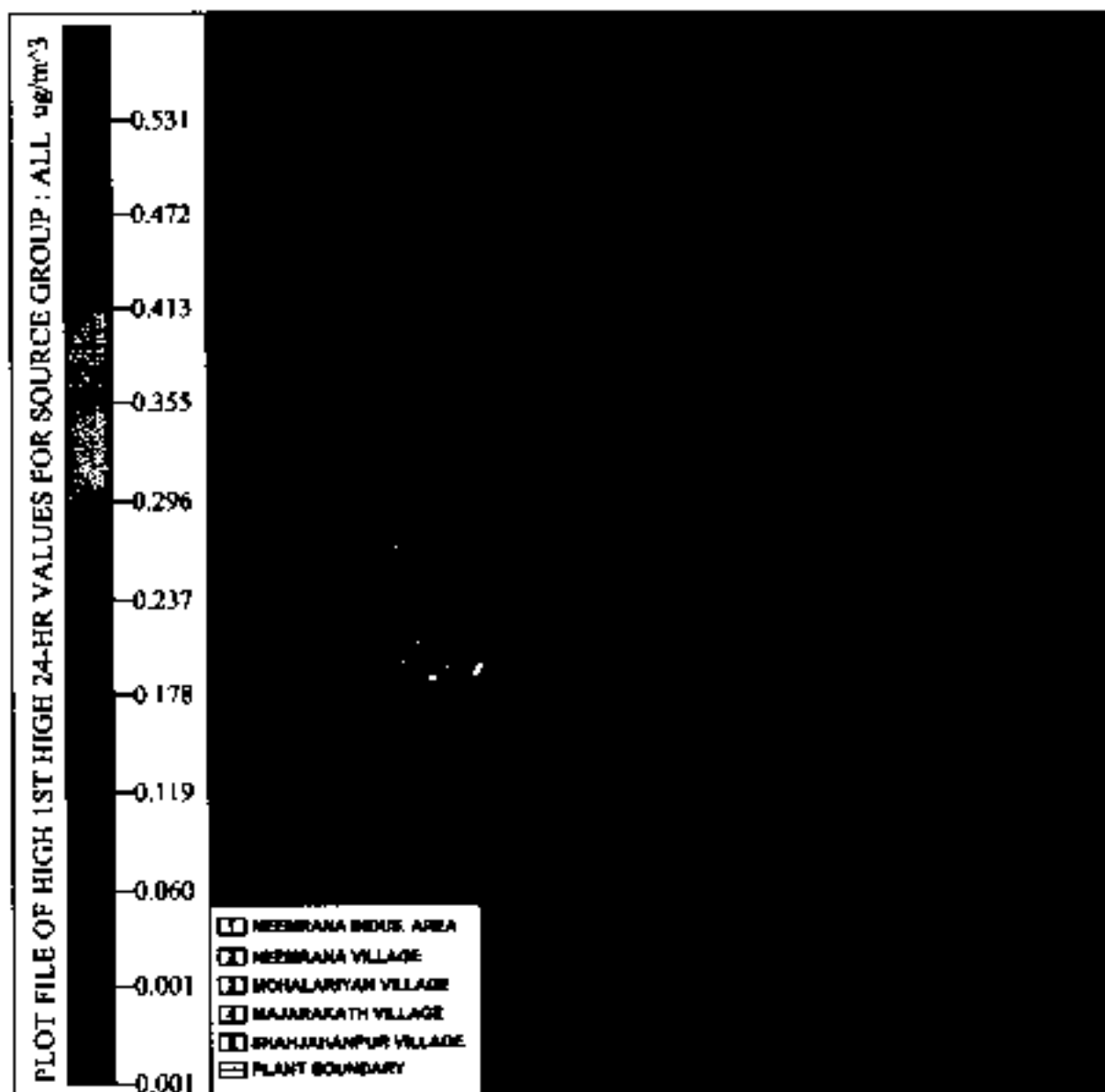


Figure-1(b): Isopleths Showing Maximum Incremental Ground Level Concentrations of CO
 The pollution load due to installation of natural gas fired boiler will be less/decreased from the existing pollution load

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

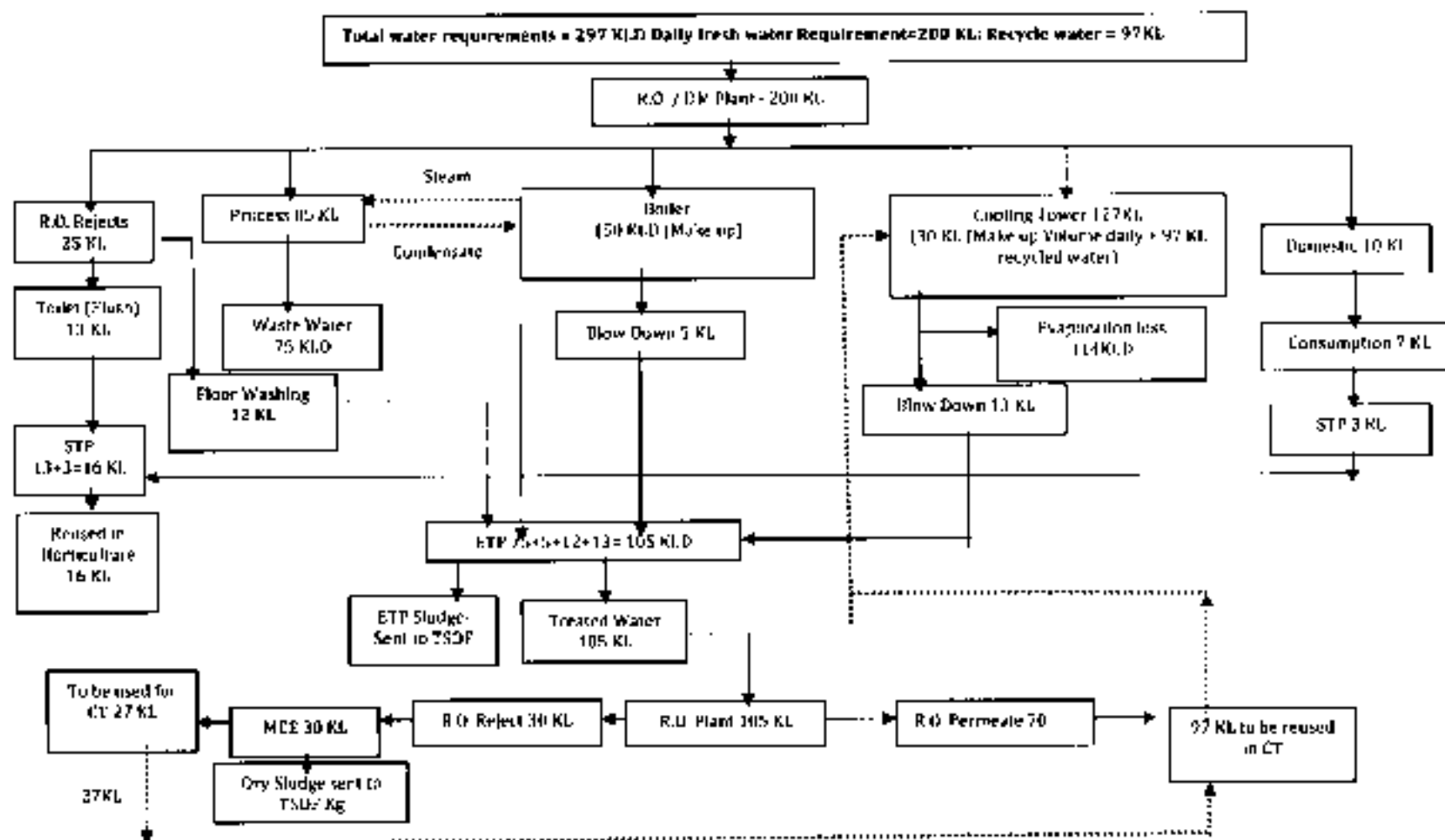
S. No	Description	Fresh Water Consumption (KLD)	Waste Water Generation (KLD)	Recycled Water	Effluent Treatment & disposal facility
1.	DM Plant	200			
A.	Domestic	10	3.0	3.0	Waste water will be treated in STP (Activated Sludge Process) and will be reused for Greenbelt/ Horticulture development
B.	Industrial				
a.	Process	85	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 followed by RO plant with MEE and re-circulated in Cooling Tower to maintain the ZLD.
c.	Boiler	50	5		
d.	RO/DM reject	25	-	-	
i.	Floor washing and equipment washing	-	12 to ETP	-	Waste water will be treated in ETP
ii.	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 Water consumption		200	-	-	
Recycled water		97		-	97KL Cooling tower
Total water consumption		297	-		

*Source: existing bore well and RUCO.

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



Figure 2.: Water Balance Diagram



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	Increase %	Remarks
STP sludge	200 kg/day	Nil	200 kg/day	Nil	No change
Domestic waste	110 kg/day	Nil	110 kg/day	Nil	No change
MEE sludge	200 Kg/day	Nil	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.	Chemical sludge from ETP	35.3	6400	Nil	6400	Kg	Sent to the approved TSDF site at Udaipur for disposal.
2	Used Oils and Spent Oil	5.1 & 5.2	2000	Nil	2000	Lit	It is being/will be disposed through authorized handlers.
3	Process residue (Distillation residue)	20.3	510000	Nil	510000	Kg	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	Nil	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	Kg	It is being/will be sent to the approved TSDF site at Udaipur for disposal.



6	Expiry Drugs/ Medicines	284	200	Nil	200	Kg	It is bring/will be sent to the approved TSDF site at Udaipur for disposal
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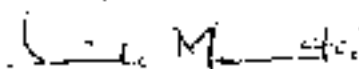
1.7 CONCLUSION

- 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 husk Boiler (8 TPH) will be utilized.
- The AIPL has provided separate management for plantation and its maintenance.
- The Company has planted and nurtures 62,000 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/UISD 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



40-10405-10406 IV



Ref: SBE: TSRQ 3657
May, 7th, 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 Sir

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

Thank you for your enquiry. This has reference to the discussions you had with under signed regarding your above requirement.

As per discussion enclosed please find offer for:

Shellmax Oil Fired - JBR Steam Boiler model SMDH-40 capable of generating 4000 Kg/hr. hot output at a maximum safety valve set pressure of 10.5 Kg/cm²g. When fired on HSD/KERO/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

I trust the above is in line with your requirement.

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

Yours faithfully
Nitin Choudhary

Thermox Limited

Doc No:SM12H SDS 11PH FO 41212 LO GAS TO STEPLESS APH RIV02_06-02ex-2017Page 1 of 15



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SCOPE OF SUPPLY

1) PRESSURE PART ASSLY :-

- One Pressure part assembly consisting of the Full fusion welded shell consisting of wet back furnace and two sets of convection smoke 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/Pilot 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 Isolating ball valve at fuel pump suction #
 - Two Isolating ball valve at fuel pump outlet. #
 - One Y-type strainer at oil preheater outlet.
- # Qty. of these items will be one no. for single fuel pump option

4) AIR/OIL/GAS REGULATING ASSEMBLY:-

- One Damper assembly with stop 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. Impellers & 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 conforming 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 required switch gears for all the feeders are housed in the power section
Burner management system along with necessary start stop button, auxiliary contactor, and control circuit of all motors, indication lamps & 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 panel to indicate the boiler stack temp. This switch gives high stack temp alarm, lamp indication & burner trip interlock.
- 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 ON/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 inlet
- 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-return valves on feed water line.
- Two Pressure gauges at the outlet of the pumps
- Two Isolation valves for the pr gauges.

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.

- One Blow down valve
- One 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 & isolation valve and drain valve for two float operated level controller.

c) Structure

- One Set of ladder & catwalk to operate the valves & fittings mounted on the Boiler

10) FUEL OIL FILTER :-

One Duplex type basket filter with 50 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 push to read valves
- One Gas pressure regulator.
- One Safety shutoff valve #
- 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)

- 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	Alarm & burner trip
(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 trip
(d) Flame failure	Flame sensor	Alarm & burner trip
(e) Steam pressure high	Safety valve	Lift
(f) Stack temp high	Temperature switch	Alarm & burner trip
(g) Gas pr low	Pressure switch	Alarm & burner trip
(h) combustion air pr low	Pressure switch	Alarm & burner trip

Not applicable for unit with single Level controller.

Note –

- 1) 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.

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

	I DO	HSD	UNITS
1) Flash point	86	38	deg c
2) Water content	0.25	0.05	%vol. (max)
3) Kinematic viscosity	13	2.5	cSt @ 40 deg c
4) Pour point	18 (in summer) 12 (in winter)	6	deg c
5) Sediment	0.10	0.05	% wt max
6) Sulfur	1.8	1	% wt max
7) Conradson carbon	-	-	%.

Net calorific value 10200 Kcal /kg (min)

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

1) CH ₄	--	76%
2) C ₂ H ₆	--	10%
3) C ₃ H ₈	--	2%
4) N ₂	--	8%
5) CO ₂	--	6%
6) Net calorific value	--	8500 Kcal/ Nm ³
7) Density	--	0.91 Kg/Nm ³

FLUE GAS EMISSION--

HSD

SPM – < 100 ppm

NO_x – < 350 ppm

SO_x – < 1600 ppm

Gas

SPM – 15 to 20 ppm

NO_x – < 300 ppm

Sox – Nil

FUEL DETAIL

Composition	Fuel :- HSD % by weight	Type of Gas :- Composition	By Volume %
			In Gas
Carbon	87.45	CH ₄ (METHANE)	92.5
Hydrogen	11.5	C ₂ H ₆ (ETHANE)	5
Sulphur	1	C ₃ H ₈ (PROPANE)	1.45
Nitrogen	0	C ₄ H ₁₀ (BUTANE)	0.75
Oxygen	0	C ₅ H ₁₂ (PENTANE)	0.05
Moisture	0.05	N ₂	0.25

2) WATER :-

Feed water specification as follows as per IS 10392 –1982

- 1) Hardness < 10 PPM
- 2) Dissolved O₂ 0.1 PPM (max)
- 3) pH value 8.5 to 9.5
- 4) Free CO₂ Nil
- 5) Bound CO₂ < 5 PPM
- 6) TDS 400 PPM (max)
- 7) Temperature 90 deg. C (max)
- 8) Chloride 50 PPM (max)

Note :

- (a) TDS 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

Boiler Water specification as per the IS 10392 –1982

- Total Alkalinity 700 PPM max
- pH 11 to 12
- Phosphate (as PO₄) 20 - 40 PPM

Sodium sulphite Na_2SO_3	30-PPM min, 50 PPM max.
Silica (SiO_2)	< 0.4 PPM of caustic alkalinity
TDS	3500 PPM max
Conductivity	1000 - 10,000 $\mu\text{S/cm}$

3) POWER :-

Supply voltage	3 ph, 4 wire, 415 / 380 $\pm$ 6 % V and 50 $\pm$ 3 % Hz
Control voltage	240 / 220 V, A.C., 1 ph

Note - Control supply one phase to be drawn from 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

1. STEAM, BLOW DOWN AND DRAIN

- Outlet of main steam stop valve.
- Outlet of spring loaded safety valves.
- Outlet of Air vent valve.
- Water level controller & gauge glass drain.
- Outlet of blow down valve.

2. WATER

- Suction of feed water pumps.

3. FUEL

- Inlet and outlet of fuel oil pumping unit
- Oil Inlet and bypass of Burner.
- Inlet 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

Outlet for flue gas on boiler smoke chamber.

Inlet of flame view glass cooling.

Air & Flue gas inlet & outlet flange on API.

Inlet outlet flange on Corrosion management air regulating assly

Inlet flange of Air/oil/gas regulating assly

5. ELECTRICAL

Incomer terminals on the control panel, local instruments, motors

EXCLUSIONS

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

1. Gas train assembly is also excluded
2. 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 1' from our terminal points.
5. All civil and structural work for installing the boiler and its accessories
6. Electrical cabling to our control panel from mains and also between control panel and various drives and instruments located on the boiler.
7. Labor, tools and tackles, utilities (water, power, air, gas, etc.) and consumables required for assembling, erecting and commissioning the boiler
8. Spares for installation, operation and maintenance of boiler.
9. Water treatment plant.
10. Registration and approval at site
11. Fuel, chemicals and water for the boiler.
12. Unloading and positioning of boiler.

SERVICES

1. Supervision of installation & commissioning of the boiler

The boiler covered 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)

- 1) P&I diagram
- 2) General arrangement & Terminal point.
& Foundation Details (Not Foundation design)
- 3) Boiler control panel SLD wiring diagram

DOCUMENTS:-

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

GUIDANCE: -

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

TRAINING :-

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

COMMERCIAL SCHEDULE

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

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

SMDH 40 (4000 KG/Hr) : Rs 23, 95,000.00 Ex Works
(without APH)

Packing & Forwarding charges : @ NIL

Supervision of Erection & Commissioning : Inclusive

2. Taxes and Duties

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

- I. Octroi – Octroi extra wherever applicable at the time of supply
- II. Transportation charges – on actual from Pune
- III. Transit – Transit Insurance- By Customer
- IV. GST @ 18%

3. Statutory Variations

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

4. Effective Date

Unless 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.



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.

4 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-vendors shall be ordered whenever 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 agree to release the payment as per the payment terms specified herein.

7. Transportation

Since our offer is based on ex-works/ex-our 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 arrange the transit insurance. However, in the event the purchaser authorizes 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

1. 5% advance along with PO.
2. 25% advance on submission of ABG of 30% basic value on TL format.
3. 70% balance against PI without GST against PI prior to despatch.
4. 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 earlier.
5. The GST shall be paid to us on submission of invoice & LR via a Post dated cheque of 10th of next month.



10. Warranty for Equipment

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

months from the date of last invoiced despatch, whichever is earlier, at the end of which period, all liability on Thermax's part will cease.

This warranty is applicable under the following conditions:

1. 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 parts to Thermax works at Buyer's cost & liability.
 2. After repairs/replacement warranty period for the entire equipment including replaced or repaired parts will be limited to the unexpired portion of the total warranty period.
 3. For accessories 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

Vijit Choudhary

SP 2-5 B ICD Industrial Area, Neemrana
Awar - 301705, Rajasthan, India,
Phones: +91-1494 - 246996, 957
Faxes: +91-1494 - 246995
E-mail: neemrana@alcheminternational.com
C.I.N. Number : U74899DL1982PTC013415

Alchem International Private Limited

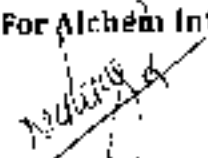
(Formerly - Alchem International Limited)

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
2016-17	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 Signatory

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भारत INDIA

INDIA NON JUDICIAL

राजस्थान RAJASEHAN

LEGAL UNDERTAKING

AT 536525

I, Sunil Malik, S/o. Mr. V.P. Malik, aged-53 Years, VP-Supply Signatory Chdg. Management & Authorized of Alchem International Pvt. Ltd./having registered office at # 201, Empire Plaza, Mehrauli-Gurgaon Road, Sektanpur, New Delhi-110030 do solemnly affirm and undertake as under:-

1. That I am responsible for establishing the proposed project "Herbal Extracts and Active Pharmaceutical Ingredients (APIs)" of Alchem International Pvt. Ltd. situated at SP 25, RIICO Industrial Estate, Phase 1, Neemrana, District- Alwar, Rajasthan.
2. That - "No expansion/ modernization activity has been undertaken in violation of the provision of EIA notification" in relation to MoEF&CC Notification dated 14.03.2017/18-03-2018.
3. That there is no activity/construction/expansion has since been taken up at site attracting violation of MoEF&CC Notification S.O. 1630 (E) dated 09.03.2014.
4. That "There is no litigation pending against the project and/or land in which the project is proposed to be set up (Herbal Extracts and Active Pharmaceutical Ingredients (APIs) Manufacturing unit of Alchem International Pvt. Ltd.) and that for any such litigation whatsoever, the sole responsibility will be borne by the Project Proponent."
5. I 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 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.
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 current (as per OM dated 4 August 2009), along with other information was submitted

Date: 18.10.2019
Place: Jaipur

(Sunil Malik)
Authorized Signatory

VERIFICATION

Verified at Jaipur on 18.10.2019 that the above contents of this undertaking are true and correct to the best of my knowledge and belief and nothing has been concealed thereof.

Date: 18.10.2019
Place: Jaipur

Attested

(Sunil Malik)
Authorized Signatory

Not a Public
Jaipur (Raj) India
11/8/2019

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कमार्त ...

18 Oct 2019

सुद्धावः ॥ १ ॥

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मोक्षः ॥ १ ॥

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पदार्थः अस्ति यः

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INDIA NON JUDICIAL

राजस्थान RAJASTHAN

AU 387285

I, Sunita Mantri, CMD, Ekay Enviro Services Private Limited, # 92 Heera Nagar - A, Near Shalimar Bagh, Ajmer Road, Jaipur (Raj) - 302 021, solemnly affirm and undertake as under:-

1. 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, RIICO Industrial Area, Phase 1, Neemrana, District- Alwar, Rajasthan 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 dt. 14.09.2006, and amendments made thereafter, circulars and O.M. issued there under especially in the light of Notification S.O. 1030 (E) dated 08.03.2018.
4. I 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 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.
5. I hereby also submit this undertaking is a part of the EC Amendment, owning the contents (information and data) of the proposal.

Date: 18.10.2019

Place: Jaipur

Sunita Mantri

(CMD)

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 thereat.

Date: 18.10.2019

Place: Jaipur

Sunita Mantri

(CMD)

Attested
Notary Public
Jaipur
18 OCT 2019

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Alchem International Limited

AUTHORIZATION

In pursuant to the work order, No- AIPL/EESPL/EC-AMENDMENT/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. Neemrana unit. for pertinent to Environment Consultant, we hereby, authorize Enkay Enviro Services Private Limited with its registered office at 92, Heera Nagar A, Near Shalimar Bagh, 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.


(Sunil Malik)
Authorized Signatory



Quality Council of India

National Accreditation Board for
Education & Training



Certificate of Accreditation

Enkay Enviro Services Pvt. Ltd, Jaipur

24-B, Dadu Marg, Gopal Bari, Jaipur – 302001

are accredited as Category - A organization under the QCI-NABET Scheme for Accreditation of EIA Consultant Organizations; Version 3 for preparing EIA/EMP reports in the following sectors:

Sl.No.	Sector Description	Sector (as per)		Cat.
		NABET	MoEFCC	
1	Mining of minerals (Open cast)	1	1 (a) (i)	A
2	River Valley Projects	3	1 (ii)	B
3	Thermal power plants	4	1 (d)	B
4	Mineral Beneficiation including pelletisation	7	2 (b)	A
5	Metallurgical industries (Ferrous & nonferrous) – both primary and secondary	8	3 (a)	A
6	Cement Plants	9	4 (b)	B
7	Asbestos mining and asbestos based products	12	4 (c)	A
8	Chemical Fertilizers	16	5 (a)	A
9	Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers, basic organic chemicals, other synthetic organic chemicals and chemical intermediates)	21	5 (P)	A
10	Distilleries	22	5 (K)	B
11	Isolated storage & handling of hazardous chemicals, As per threshold planning quantity indicated in column 2 of Schedule 2 & 3 of MSIH Rules 1989 amended 2000;	28	5 (U)	B
12	Air Ports	29	7 (a)	A
13	Industrial estates/ parks/ complexes/ Areas, Export processing zones (EPZs), Special economic zones (SEZs), Bio-tech parks, Learner complexes	31	7 (c)	A
14	Ports, harbours, jetties, marine terminals, break waters and dredging	33	7 (p)	A
15	Highways	34	7 (R)	A
16	Common Effluent Treatment Plants (CETPs)	36	7 (h)	B
17	Building and construction projects	38	8 (a)	B
18	Townships and Area development projects	39	8 (b)	B

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

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

Sr. Director, NABET
Dated: Sep 6, 2017

Certificate No.
NABET/EIA/1518/ SA 043

Validity till date
Feb 26, 2018

For the updated List of Accredited Consultants with approved sectors please refer QCI-NABET website.



National Accreditation Board for Education and Training

[Member - International Association of Education & Training Accreditation Cooperatives]



August 16, 2019

QCI/NABET/EIA/ACC/19/0036
Enkay Enviro Services Pvt. Ltd.,
92, Heera Nagar-A, Near Shallimar Bagh
Ajmer Road, Jaipur - 302021, Rajasthan
(Kind Attention: Ms. Sunita Mantri)

Sub: Validity of Accreditation

Dear Sir,

This has reference to the accreditation of your organization under QCI-NABET EIA Scheme, the validity of Enkay Enviro Services Pvt. Ltd., Jaipur is hereby extended till November 15, 2019 on 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 expiry of the above stated date.

With best regards,

A.K. Jha
Senior Director | NABET

COMPLIANCE REPORT OF CONDITIONS LAID DOWN IN ENVIRONMENT CLEARANCE

CLIENT:	Alchem International Pvt Ltd	October
PROJECT:	Expansion of Production Capacity with change in the product Mix for Manufacturing 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, RIICO Industrial Area, Neemrana Nagar, Tehsil- Neemrana, District - Alwar , Rajasthan .	2019
Environment Clearance issued from SEIAA Raj Letter No F1 (4)/SEIAA/SEAC-Raj/Seett/Project / Cat 1(a) B1 (15361)/ 2019-20 dated 24/07/2019		

1. EIA Follow Up:

Project: Expansion of Alchem International Pvt Ltd	
Location	SP-2-5, RIICO Industrial Area, Neemrana Nagar, Tehsil- Neemrana, District - Alwar , Rajasthan
Client's Name	Alchem International Pvt Ltd Limited
Correspondence Address	SP-2-5, RIICO Industrial Area, Neemrana Nagar, Tehsil- Neemrana, District - Alwar , Rajasthan
Compliance To	Environmental Clearance issued by SEIAA Rajasthan vide letter no F1 (4)/SEIAA/SEAC-Raj/Seett/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.
3. **Management:** An addressal 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)/SEIAA/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 dated 30.10.2018 valid up to 30/04/2023 (Annexure2)

COMPLIANCE REPORT OF CONDITIONS LAID DOWN IN ENVIRONMENT CLEARANCE

S.No.	Particulars	Details	Status
1.	Category/ Item no (in Schedule)	Cat. 5(I)	No change
2	Location of Industry/ Project	SP-2-5, RLICO Industrial Area, Neemrana Nagar, Tehsil- Neemrana, District - Alwar, Rajasthan	No change
3	Plot Area	769705Qm	No change
4	Project Cost	The existing project cost of the unit is 101.11Crore as mentioned in the EC and the expansion will attract additional investment of Rs.0.2395 Crore. Thus the total project cost after Expansion was estimated as Rs 101.3495Crore	-
5	Water Requirement & daily Source	Fresh:200KLD; Recycled 97 KLD	The expansion in water demand will be met by existing bore well after obtaining permission from CGWA. Fresh application for withdrawal of ground water to the tune of additional 136 KLD (Existing 64 KLD + Proposed -136KLD = Total - 200 KLD) has been online uploaded on dated 26.09 2017
6.	Energy	The power requirement of the project after expansion is estimated as 2000 kVA remaining will be met from JVNL as and 443 required.	The file for additional load sanction will be taken up in parallel.
7.	STP	STP of capacity: 20KLD; Technology Activated Sludge Process (ASP) technology	No change

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

COMPLIANCE REPORT OF CONDITIONS LAID DOWN IN ENVIRONMENT CLEARANCE

S. No.	Condition	Status	Remarks/Action plan
Specific Conditions			
1	The EC is issued for the proposed expansion of production capacity from 200 Kg per day 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.	Point noted	
2	The PP shall obtain Consent to Establish and Operate from the Rajasthan State Pollution Control Board under the provision of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981, before carrying out production activity.	Point noted and will be complied. The application for obtaining CTE has been submitted to RSPCB on 23 rd Sept 2019. Copy enclosed as Annexure- 3	
3	The PP shall make compliance of the provisions of the Environment (Protection) Act, 1986 and the rules and notifications issued there under	Point noted and being complied	
4	This EC is issued from the environmental angle only, and does not dislodge the project proponent from the other statutory obligations prescribed under any other law	Point noted and agreed	

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. Any appeal against this environment clearance shall lie with the National Green Tribunal, if preferred, with a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.

5. As committed, the PP shall earmark and spend an amount of Rs. 711.75 Lac as capital cost and Rs. 75.00 Lac per annum recurring cost towards various environmental protection measures and implementation of various activities under Environmental Management Plan.

• The funds allocated towards environmental protection measures is/will not be diverted for any other purpose. The amount of Rs. 305.75 lakhs had expended towards implementation of environmental protection measures in the existing plant

• The construction of expansion project yet to be started. 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 Pollution Control/ Noise	50
2.	Water Pollution Control	90
3.	Environmental Monitoring and Management	150
4.	Green Belt Development	7.75
5.	Occupational Health	8

The unit has undertaken continual development and has already planted 500 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 the Environmental Monitoring, occupational health are being incurred as per the norms.

COMPLIANCE REPORT OF CONDITIONS LAID DOWN IN ENVIRONMENT CLEARANCE

Total	305.75
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The funds allocated for the proposed expansion project which yet to be started, is Rs. 406 lakhs crores with recurring amount of 75 lakhs /annum crores. The action plan for the same is as follows.

S. No.	Description of Item	Capital Cost Proposed (In Lacs)	Recurring Cost (In Lacs)
1.	Air Pollution Control/ Noise	20	8
2.	Water Pollution Control	200	30
3.	Environmental Monitoring and Management	72	30
4.	Green Belt Development	10	5
5.	Occupational Health	4	2
Total		406	75

The PP shall earmark and spend an amount of Rs. 38.75 Lac as CSR (during 2018-22) as per the proposal submitted and the detailed action plan be submitted to RSPCB at the time seeking CTE.

Total water demand for proposed expansion will be 297 KLD (fresh water demand 200 KLD and the recycled water demand is 97 KLD). The necessary permission of water

Point noted and being complied

An amount of Rs 438.75 Lac proposed towards Corporate Environment Responsibility (CER) shall be utilized as capital expenditure in project mode further the company had undertaken various works under CSR. The details work executed under CSR is enclosed as **Annexure-4**

Total water demand for proposed expansion will be 297 KLD (fresh water demand 200 KLD and the recycled water demand is 97 KLD).

The expansion in water demand will be met by existing bore well after obtaining permission from CGWA Fresh application for withdrawal of

Detailed action plan has been given in **Appendix A**

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

COMPLIANCE REPORT OF CONDITIONS LAID DOWN IN ENVIRONMENT CLEARANCE

86	ensured and no waste treated water shall be discharged outside the premises		
	10. The project proponent shall provide online continuous monitoring effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	• Camera & flow meter will be installed with the plant erection and will be completed prior to CTO.	
	11. The domestic waste water will be treated in STP of 20 KLD capacity and treated waste water, confirming to prescribe standards, will be used for plantation and other gainful utilization within the premises.	The domestic waste water is being treated in existing STP, confirming to prescribe standards, is being used for plantation and same will be followed after expansion also. The results of the STP treated waste water is enclosed as Annexure-6	
	12. The ETP, STP and RO shall have a separate hour meter and energy meter and the record of the same shall be maintained.	The ETP, STP and RO had been provided separate hour meter and energy meter and the record of the same are being maintained. Copy enclosed as Annexure-7	
	13. The PP should provide at least 4 no. of piezometric wells in the premises and the locations of such wells shall be decided in consultation with regional officer and shall carry out half yearly monitoring of these wells. Location of these wells should be shown in the map.	The piezometric well in the premises has been provided and the photograph of the same is enclosed as Annexure 8 .	
	14. Process effluent/any waste water shall not be allowed to mix with storm water. The	Process effluent/domestic waste water is not allowed to mix with storm water. The separate storm water drains have been provided in the plant to	

	storm water from the premises shall be collected and discharged through a separate conveyance system.	reflect the same. The photographs of the storm water drains are enclosed as Annexure 9	
15	The PP shall achieve the stack emission standards and ambient air standards as notified under E.P. Rules 86 and its subsequent amendments.	The regular stack emission and ambient air monitoring is being carried out as per CPCB/RSPCB norms. The monitoring results of the stack emissions and AAQ is enclosed as Annexure-10	
16	The height of the stack for disbursement of the process emissions shall not be less than 30.00 Mtrs. from ground level.	The 30 m height of the stack to the boilers (common stack) has been provided for disbursement of the process emissions. All DG sets have been provided stack height as per CPCB norms. The photographs of the stack are enclosed as Annexure-11	
17	In case of coal fired boiler, the PP shall explore the possibility of use of gas.	The fuel used in the existing boiler is husk and exhausted herbs	It is proposed to install gas/HSD fired boiler of 4 TPH to reduce the pollution level
18	The particulate matter and gaseous emissions (SO _x , NO _x , CO, CO ₂ , Cbetc) from various processes/units/storages shall conform to the standards prescribed by the State Pollution Control Board/Central Pollution Control Board or under the Environment (Protection) Rules'86 from time to time.	The regular stack emission and ambient air monitoring is being carried out as per CPCB/RSPCB norms.	
19	The Project Proponent shall provide online continuous monitoring system at all the major stacks (if applicable) as per the CPCB	The CMS has already been installed on the existing stacks and is in sync with the norms of CPCB.	

COMPLIANCE REPORT OF CONDITIONS LAID DOWN IN ENVIRONMENT CLEARANCE

	guidelines and ensure connectivity of the same with CPCB & RSPCB Server.		
20.	At no time, emissions shall go beyond the prescribed standards. IN the event of failure of any pollution control system adopted by the unit, the unit shall immediately put off operation and shall not restart until the control measures are rectified to achieve the desired efficiency.	Point noted and agreed	
21.	Ambient air quality monitoring stations shall be set up in the down and direction as well as where maximum ground level concentration of PM ₁₀ & PM _{2.5} , SO ₂ , NO ₂ , CO, CH ₄ are anticipated in consultation with Rajasthan State Pollution Control Board	Ambient air quality monitoring stations has been set up in 4 locations considering the down and direction. The results of the AAQ monitoring is enclosed as Annexure -10	
22.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16 th November, 2009 shall be complied with.	The regular stack emission and ambient air monitoring is being carried out as per CPCB/RSPCB norms.	
23.	The project proponent shall carry out regular monitoring of air emissions (at source, work environment, and ambient air) and assessment of performance of Air pollution control arrangements	The regular stack emission and ambient air monitoring is being carried out as per CPCB norms	
24.	Partholes and sampling facilities shall be	Partholes and sampling facilities has been provided for the stack emissions	

	provided for the stack emissions monitoring as per the CPCB guidelines. Stack emissions shall be monitored in consultation with RPCB	monitoring as per the CPCB guidelines. Stack emissions monitoring is carried out regularly
25.	The PP shall draw the Safety, Health & Environment (SHE) Plan and submit to RPCB.	Point noted and agreed
26.	Data on ambient air quality and stack emissions shall be submitted to RPCB, once in six months carried out by MDEF/CPCB/Govt. approved lab.	Point noted and is being complied
27.	The PP shall provide separate drainage and outlets with the precaution that the storm water shall not come into contact with waste water sludge.	Separate storm water drainage has been provided to prevent the mixing of the storm water with waste water sludge.
28.	The unit shall obtain proper authorization from Rajasthan State Pollution Control Board, if it generates any waste which falls under the purview of HWMHR-2008.	The unit has already obtained authorization from Rajasthan State Pollution Control Board, as per HWMHR-2016. The copy of the same is enclosed as Annexure-12.
29.	Handling, manufacture, storage and transportation of hazardous chemicals shall be in accordance with the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 (amended till date).	Point noted and agreed
30.	Adequate measures for the control of noise shall be taken so as to keep the noise levels	Measures for the control of noise has been taken to reduce the noise levels below 85 dB (A) in the work environment. Ear muffs/plugs/PPE has been

COMPLIANCE REPORT OF CONDITIONS LAID DOWN IN ENVIRONMENT CLEARANCE

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below 85 dB (A) in the work environment.

provided to the workers

Persons working near the machines shall be provided with well-designed ear muffs/plugs and other personnel protective equipments.

31. Suitable alarm system and standards procedure for transmitting the information on the occurrence of an accident to the proper focal point shall be established.

Adequate fire fighting including alarm system has been provided at suitable places within the plant premises for transmitting the information on the occurrence of an accident. The photographs of the same is enclosed as Annexure-13

32. Efforts shall be made to increase green belt all around the premises. Native plant species shall be selected for this purpose in consultation with the local Forest Department. A green belt development plan be prepared and implemented so as to cover at least 33% area of the plot size.

Total greenbelt developed area is 2.617 ha. Tree planted till FY 2017-18 is 1550 (i.e. almost 34% of total project area). photographs of the same is enclosed as Annexure-14

S. No	Year	Existing plants (Nos.)	Area (Ha.)	Name of Species planted	Expenditure (Rs. in Lacs)
1	Up to 2010	1100	2.617	Neem, Sheesham, Gulmohar, Phycus, Karanj, Peepal, Banyan, Rikar etc.	Rs. 4,65,000/-
2	2010 - 11	50		above all many sarubs species i.e. Kaner, Eucalypta etc	Platation inside the plant premises (road side, working area, periphery of plant area,
3	2011 - 12	60			
4	2012 - 13	70			
5	2013	50			

The company will plant approx. 900 saplings within the premises in next two years (i.e. 2018 - 19 and 2019 - 20) to enhance the plantation density. Balance 1350 saplings will be planted outside the premise in three years i.e. (2020- 21 to 2022- 23). Detailed action plan has been given in Appendix B

- 14			premises	periphery of
6	2014	50		plant
- 15				Capital cost
7	2015	30		of saplings
- 16				including
8	2016	80		rate of
- 17				saplings,
9	2017	80		digging,
- 18				maintenance
Total		1,550		@Rs. 300/-
				per plant

33/201

The PP shall provide stacks of adequate height at the proposed one D.G. Set (1X1000 kVA) along with acoustic enclosures for noise control as per CPCB guidelines. The DG Sets shall comply with the norms notified under Environment (Protection) Act, 1986.

30 m stacks of adequate height for the proposed one D.G. Set (1X1000 kVA) to be provided along with acoustic enclosures for noise control as per CPCB guidelines.

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A qualified person in the field of environment or separate Environmental Management Cell to be established to implement and carry out various functions is set up under the control of a Senior Executive who will report directly to the head of the project.

The EMC has already been established under control of Vice president to implement and carry out monitoring and implementation of EMP

COMPLIANCE REPORT OF CONDITIONS LAID DOWN IN ENVIRONMENT CLEARANCE

35	The PP shall provide all necessary facilities like health facility, sanitation facility, fuel for cooking, safe drinking water, medical camps, and toilets for women, crèche for infants etc. for labors. As proposed the PP shall earmark and spent an amount of Rs. 5 Lac as capital cost and Rs. 0.5 as annual recurring cost for labor welfare.	There will be no residential facility provided for local labour in the campus. All the labour required for the expansion will work only one shift. Thus the above facility will be restricted to health facility, sanitation facility, safe drinking water and toilets for women. An amount of Rs. 5 Lac as capital cost and Rs. 0.5 as annual recurring cost for labor welfare will be incurred as a part of the contract to the plant erection team
36	The PP will ensure that no employee or worker remains on duty within the plant premises for more than 8 hours per day in one stretch in normal conditions. However, based on plant operation and maintenance tasks, overtime can be provided as per the Rajasthan Factories rules for personnel deployed for more than 8 hours.	Point noted and is being complied
37	The funds earmarked for the environmental protection measures shall be kept in separate account and shall not be diverted for other purposes and year wise expenditure shall be reported to the Rajasthan State Pollution Control Board under the rules prescribed for environmental audit	Point noted and will be complied
38	38. Periodical medical checkup of the	The periodical medical checkup of the workers is being done in six months

	workers shall be done in six months and records maintained and effects of fluoride on human health need to be taken into special consideration	and records of the same is being maintained. Copy enclosed as Annexure-15			
39	The PP shall ensure that the EC letter as well as the status of compliance of EC conditions and the monitoring data are placed on company's website and displayed at the project site.	Point noted and will be complied			
40	The SEIAA, Rajasthan reserve the right to add new conditions, modify/annual any conditions and/or to revoke the clearance if implementation of any of the aforesaid condition/other stipulations imposed by competent authorities is not satisfactory. Six monthly compliance status reports on project along with implementation of environmental measures shall be submitted to MoEF, Regional Office, Lucknow and RPCB and SEIAA, Rajasthan.	Point noted			
41	The PP shall obtain prior clearance from forestry and wild life angle including 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	Point noted			

COMPLIANCE REPORT OF CONDITIONS LAID DOWN IN ENVIRONMENT CLEARANCE

Page No. 106	and wild life clearance shall be granted to the project and that proposals for the forestry and wild life clearance will be considered by the respective authorities on their merits and decisions taken. The investment made in the project, if any based on EC so granted, in anticipation of clearance from forestry and wild life angle shall be entirely at the cost risk of the PP and MOEF shall not be responsible in this regard in any manner	
42.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22 65/2017-I.A.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.	Point noted and is being complied
43.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/violation of the environmental/forest/wildlife norms/conditions. The company shall have	The company has already formulated environmental policy and copy of the same is enclosed as Annexure 16

defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF& CC as a part of six-monthly report.

44	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the senior Executive, who will directly to the head of the organization	Point noted and complied
45	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	Point noted and will be complied

COMPLIANCE REPORT OF CONDITIONS LAID DOWN IN ENVIRONMENT CLEARANCE

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| 46. | Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out | Point noted and will be complied |
|-----|--|----------------------------------|

General Conditions

- | | | |
|----|--|------------------------|
| 1. | This EC is issued 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 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. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010. | Point noted and agreed |
| 2. | No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forest as the case may be. In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh | Point noted |

	reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.			
3.	The implementation of the project vis-à-vis environmental action plans shall be monitored by MoEF Regional Office at Lucknow/RSPCB/CPCB/SEIAA, Department of Environment, Government of Rajasthan, Jaipur and this office. A six monthly compliance status report shall be submitted in monitoring agencies.	Point noted and will be complied		
	The EC is liable to be rejected, in case it is found that the PP has deliberately concealed and furnished false and misleading information or data which is material to screening or scoping or appraisal or decision on the application for EC.	Point noted		
5.	The project authorities shall inform the MoEF Regional Office at Lucknow/RSPCB/CPCB/SEIAA, Department of Environment, Government of Rajasthan, Jaipur/Regional, Jaipur and the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project	Point noted and will be complied		

COMPLIANCE REPORT OF CONDITIONS LAID DOWN IN ENVIRONMENT CLEARANCE

111 110	6. Officials from the Department of Environment, Government of Rajasthan, Jaipur/Regional Office at MoEF, Lucknow, RSPCB who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to SEIAA should be forwarded to the CCE, Regional Office of MoEF, Lucknow/SEIAA, Department of Environment, Government of Rajasthan, Jaipur/RSPCB.	Point noted
7	The Authority reserves the right to add additional safeguards measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provision of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Point noted
8	The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall	The advertisement has been given in two local Newspapers informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Rajasthan State Pollution Control

be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Rajasthan State Pollution Control Board and may also be seen on the website of the 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 Ecology and Environment, Government of Rajasthan, Jaipur	Board and may also be seen on the website of the RSPCB. The copy of advertisement is enclosed as Annexure-17
The conditions of EC shall be enforced among others under the provisions of water (Prevention and Control of Pollution) Act, 1974, the Air water (Prevention and Control of Pollution) Act, 1991 and EIA Notification, 2006, along with their amendments and rules.	Point noted
The PP shall obtain prior clearance from forestry and wild life angle including 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	Point noted

COMPLIANCE REPORT OF CONDITIONS LAID DOWN IN ENVIRONMENT CLEARANCE

Page No.

	and Wild Life clearance shall be granted to the project and that proposals for forestry 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 from Forestry and Wild Life angle shall be entirely at the cost risk of the PP and MOEF/SEIAA shall not be responsible in this regard in any manner.	
11.	The SEIAA, Rajasthan may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory	Point noted
17	Main haulage road should be provided with permanent water sprinklers and other roads should be regularly wetter with water tankers fitted with sprinklers. The material transfer points should invariably be provided with Bag filters and or dry fogging system. In case of Belt conveyors facilities the system should be fully covered to avoid airborne dust. Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.	The regular water sprinkling on roads with water tankers fitted with sprinklers is being attended. The material transfer is being done in closed loops Photographs is enclosed as Annexure-18

13.	Periodic monitoring of ambient air quality shall be carried out for PM ₁₀ , PM _{2.5} , SPM, SO ₂ , NO _x monitoring. Location of the stations (minimum: 6) shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring shall be decided in consultation with the Rajasthan State Pollution Control Board (RSPCB). Six monthly reports of the data so collected shall be regularly submitted to the RSPCB/CPCB including the MoEF, Regional office, Lucknow.	4 monitoring locations has been setup based on the meteorological data, topographical features periodic monitoring of ambient air quality is being carried out for PM ₁₀ , PM _{2.5} , SO ₂ , NO _x monitoring.
14.	Personnel working in dusty areas shall wear protective respiratory devices they shall also be provided with adequate training and information on safety and health aspects.	PPE has been provided to all Personnel working in plant areas the training and information on safety and health aspects has been provided to all.
15.	The ambient noise level should conform to the standards prescribed under E (P) A Rules, 1986 viz 75 dB (A) during day time and 70 dB (A) during night time.	Periodic ambient noise level monitoring is being carried out and the monitoring report is enclosed as annexure-19
16.	The PP shall submit an environmental statement for the financial year ending 31 st March in Form-V as prescribed under the environment (Protection) Rules, 1986, as amended subsequently on or before the 30 th	Environmental statement for the financial year ending 31 st March in Form-V as prescribed under the environment (Protection) Rules, 1986, has been regularly submitted to RSPCB copy enclosed as annexure-20 The status of compliance of environmental clearance conditions will be sent to the Lucknow Regional offices of MoEF/SRIAA by e-mail as well as hard

COMPLIANCE REPORT OF CONDITIONS LAID DOWN IN ENVIRONMENT CLEARANCE

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day of September every year, to the Rajasthan State Pollution Control Board/SEIAA and shall also be put on the website of the company, along with the status of compliance of environmental clearance conditions and shall also be sent to the Lucknow Regional offices of MoEF/SEIAA by e-mail as well as hard copy duly signed by competent person of company.		
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Appendix -A

S. No.	Activity As per Schedule VII	Budget proposed					Work done		
		2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	Action plan
1	Installation of approx 10 kW of Solar Panels Photo Voltaic On Grid Connection with Net Metering along with grid connecting facilitation for Government Institutions/ Installation of Solar Street Lights at Various Locations around the Habitation or Public Roads, Neemrana- <i>Ropkegaddesh Madhyamik Vidhyalya, Neemrana</i> <i>Ropkegaddesh Madhyamik Vidhyalya, Rudhwal</i>	5,15,000	5,15,000	5,15,000	5,15,000	-	The need for the same has been sent to the concerned colleges and hospitals. Awaiting their confirmation.		

Government Hospital, Neemrana
Or Self sustainable Solar Panelled Street Lights
towards the Approach road of Neemrana
habitation with due permissions & associations
from the PWD, Neemrana.

Solar Water Heaters	18,000/- (Per 100 Liter)
Solar Panels	12,500/- (Per Panel)
Solar street Light	16,000/ (Per Integrated Panel integrated Panel)

*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 /

Quarter 3, 32 Solar Street lights Per Year Same
location.

2. Infrastructural development at nearest 3,45,120

1,11,250

Government Institutions including Schools and
Hospital given below including:-

Library for Reading Books for Children upto
classes

Installation of Digital Laboratory for Computer
Installation with 1 Printer each.

RajkiyaUchh Madhyamik Vidhyalya, Neemrana

RajkiyaUchh Madhyamik Vidhyalya, Budhwal

The requirements desired by the SDM, Neemrana
for installation of Computers in GTI, Neemrana was
complied with an details of the same is enclosed as
Annexure-21

COMPLIANCE REPORT OF CONDITIONS LAID DOWN IN ENVIRONMENT CLEARANCE

Government Hospital, Neemrana For the Government School following : Electrification and furnishing of Computers UPS/Inverter 4 Desktop Computer for each School with installation Time Line : Quarter 2 , 2 weeks for each School (Per Year)						
3. (A) Provisions towards Modern Health facilities up-gradation of :- Newly established Government Hospital Neemrana Building with Approx. 80 Bedded Facility and thereby requires up gradation towards modern need based health facilities involving:- Medical Instrument Medical Tools & Implements repair Reclining ergonomically adjustable Beds Wheel Chairs for Patient Movement RO Installation for Patients Potable Drinking Water Rain water Harvesting (On availability of Funds) (B) Repairs & Maintenance of <i>Up:Swastha Kendra, Rudhwal</i> Water Cooler installation & Maintenance/ Health			2,50,000	58,750	2,00,000	The budget of the project yet to be implemented. The proposed CER will be expended accordingly

Checkup Camps

Time Line: Quarter 1, Annual per year

4.

In association with Nagar Nigam Neemrana towards Sanitation facilities. Modular Toilets with Water connectivity and Flushing at Public Places under Public Private Partnerships

Bus Stand Neemrana (4 M + 4 W = Total 8)

Johad Cricket Ground Neemrana 2.1 Km NE (4 M + 4 W = Total 8)

Regular upkeep shall be handed over to the Nigam after successful installation. Maintenance can be run with Re.1 Collection per user / per use.

Cost 1 Modular Toilet @ 35,000/- Approx.

2,30,000

1,40,000

The budget of the project yet to be implemented.

The proposed CER will be expended accordingly

5.

Landscaping & plantation for Green Belt development (community areas) along with the cost of tools & implements in permission with Govt. Schools, Colleges & Institutions within 3.0 - 4.0 km of the project location of local area :

Green Cover in Villages:

Also Budhwal, Neemrana & Majri

Johad Cricket Ground Neemrana 2.1 Km, NE

Round about Traffic Circle Neemrana

Avenue Plantation with Tree Guards: Both sides of the Approach Road outside the premises of the proposed project/ around the habitation areas/

2,87,380

50,000

42,500

The budget of the project yet to be implemented

The proposed CER will be expended accordingly

COMPLIANCE REPORT OF CONDITIONS LAID DOWN IN ENVIRONMENT CLEARANCE

Government Schools/ Panchayat premises etc.

Total Budget for CER (2017-18)

11.475

9.5625

7.65

5.7375

3.825

30%

25%

20%

15%

10%

Appendix B : Proposed Year wise plantation

S. No.	Year	Proposed	Budget (Rs. In Lacs)	Plantation achieved Nos of plants planted	Species planted	Action plan
1	2018-19	450*	1.35	500	Neem, Sheesham,	Plantation proposed will be done in the next years
2	2019-20	450*	1.35	500	Gulmohar, Phycus, Karanj, Peepal, Banyan, Kikar etc.	
3	2020-21	450**	1.35			
4	2021-22	450**	1.35			
5	2022-23	450**	1.35			
Total		2,250	6.75* (Recurring Cost:- Rs. 1.50)			



Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Dongari, 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/CO/6254**

Date: **30/10/2018**

Unit Id : **36837**

M/s Alchem International Pvt. Ltd.

SP-2-S, Industrial Area Neemrana,, Tehsil:Behror

District:Alwar

Sub **Consent to Operate** under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(4) of Air (Prevention & Control of Pollution) Act, 1981.

Ref Your application for Consent to Operate dated 25/11/2018 and subsequent correspondence.

Sir,

Consent to Operate under the provisions of section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 [hereinafter to be referred as the Water Act] and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, (hereinafter to be referred as the Air Act) as demanded to date and rules & the orders issued thereunder is hereby granted for your **Industry** situated at **SP-2-S, Industrial Area Neemrana neemrana Tehsil Behror District:Alwar, Rajasthan**, subject to the following conditions:-

1. That this Consent to Operate is valid for a period from **01/05/2018 to 30/04/2023**
2. That this Consent is granted for manufacturing / producing following products / products or carrying out the following activities / operations/processes / or providing following services with capacities given below.

Particular	Type	Quantity with Unit
Herbal Extracts & Its Allied Products	Product	200.00 KG PER DAY

3. That this consent to operate is for existing plant process & capacity and separate consent to establish/operate is required to be taken for any addition / modification / alteration in process or change in capacity or change in fuel.
4. That the quantity of effluent generation along with mode of disposal to the nearest effluent 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

Date: 30/10/2018

Unit Id. 36337

Type of effluent	Max. effluent generation (KLD)	Recycled Qty of Effluent (KLD)	Disposed Qty of effluent (KLD) and mode of disposal
Domestic Sewage	5.000	NIL	5.000 Septic Tank and Soakpit
Trade Effluent	20.000	NIL	20.000 STP

3. That the sources of air emissions along with pollution control measures and the emission standards for the prescribed parameters shall be as under:

Sources of Air Emissions	Pollution Control Measures	Prescribed	
		Parameter	Standard
Agro-Hess Boiler (1 No.) [BTPH]	Multi Cyclone	Particulate Matter	800 mg/Nm ³
O.G. Set (2 Nos.) [100KVA]	ACOUSTIC ENCLOSURE, ADEQUATE STACK HEIGHT	--	
P.G. Set (1 No.) [100KVA]	ACOUSTIC ENCLOSURE, ADEQUATE STACK HEIGHT, Stack	--	
Mask Furn. Boiler (1 No.) [BTPH]	ADEQUATE AIR POLLUTION CONTROL MEASURES, Bag Filter, Multi Cyclone	Particulate Matter	800 mg/Nm ³

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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

Date: 30/10/2018

Unit Id : 35837

- 6 That the Industry will comply with the standards as prescribed vide MOEF notification No CSR 826/E1 dated 16th November, 2019 with respect to National Ambient Air Quality 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.
- 8 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 Board.
- 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 boilers.
- 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, effluent generated and effluent treated/reused on daily basis.
- 14 That water meters shall be provided and maintained at all suitable 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/horticulture purposes within the premises and zero discharge status shall be maintained outside the premises.
- 17 That the treated trade and domestic effluents 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 Behror for incineration.
- 19 That the industry shall comply with provisions of the Hazardous Waste (Management, Handling & Trans-boundary Movement) Rules, 2016 and disposal 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 Doungari, 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

Date: 30/10/2018

Unit No : 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.
- 22 That industry shall undertake suitable measures for rain water harvesting for artificial recharge of ground water.
- 23 That the industry shall comply with the provisions of the Storage, Manufacture & Import of Hazardous 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 furnish quarterly compliance report of consent conditions to the Regional Office, Alwar.
- 27 That the industry shall submit application for renewal of consent to operate at least 4 months before expiry of this consent.
- 28 That 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 failing which stern action will be taken against the unit.
- 31 That industry shall submit details of ozone depleting substances within one month of issuance of this letter.
- 32 That not withstanding anything provided hereinabove, 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 all the conditions imposed here in time and to make such variation as it deemed fit for the purpose of Air Act & Water Act.
- 33 That the grant of this Consent to Operate is issued 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 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.



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

Registered

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

Order No : 2018-2019/CD/6254

Date: 30/10/2018

Unit Id : 36837

34 That the grant of this **Consent to Operate** shall not, in any way, adversely affect or jeopardize the legal proceeding if any instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.

This **Consent to Operate** shall also be subject, besides the aforesaid specific conditions, to the general conditions given in the enclosed Annexure. The project proponent shall comply with the provisions of the **Water Act** and **Air Act** and to such other conditions as may, from time to time, 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 constitute a revocation of **Consent to Operate** and project proponent / occupier shall be liable for legal action under the relevant provisions of the said Act(s).

This bears the approval of the competent authority

Yours Sincerely

Group Incharge[CD]

Copy To:-

1. Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Alwar to ensure the compliance.
2. Master File

Group Incharge[LD]





Registered

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

Date: 31/05/2018

Unit Id : 36837

M/s Alchem International Pvt. Ltd.

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

District:Alwar

Sub.- Authorization for operating a facility for Collection, Disposal, Generation, Storage of Hazardous Wastes Under Hazardous and Other Waste [Management and Handling and Movement] Rules, 2016.

Ref:- Your application dated: 25/08/2017 received on 25/08/2017 and subsequent correspondence.

Sir

1. Number of authorization RPC.3/HWM/2018-2019/HSW/HSW/45.
2. 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 Tehsil: Behror District: Alwar.

Details of Authorization

S.No	Type of Hazardous waste	Category		Quantity/ Unit	Hazardous Waste Disposal Practice
		Sch	Code		
1	Distillation residues	1	20.3	1.00 MT/YEAR	Approved incinerator
2	Empty drums/containers/liners contaminated with hazardous chemicals/wastes	1	33.1	100.00 NO5/ANNUM	CTDF/Unleaked Reuse/ sent back to supplier
3	Used or spent oil	1	5.1	1.00 KL/YEAR	Sales to Registered Recycler

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

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RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-5159600,5159695 Fax: 0141-5159697

Registered

File No: 4(HSW)/Alwar(Alwar)/61(1)/2012-2013/1275-1277

Date:- 31/05/2018

Intt No: 35843

The authorization is subject to the following general and specific conditions.

A. General conditions of Authorization

1. The authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the Hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed



Registered

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

Date:- 31/01/2016

Unit Id : 36837

of as per specific conditions of authorisation.

11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. An application for the renewal of an authorisation shall be made as laid down under these Rules.
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 from time to time.
14. Annual return shall be filed by June 30th for the period ensuing 31st March of the year.

B. Specific Conditions

5. That this authorization 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.
6. 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.
8. That 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.
9. That the arrangements for transportation of the hazardous waste for disposal shall be done by the authorized/dedicated vehicles only.
10. The authorization is subject to the conditions stated at Annexure "A" enclosed with the authorization letter and the such conditions as may be specified in the Rules for the time being forced under the Environmental (Protection) Act 1986.
11. The unit has to display and maintain the data on board outside the factory main gate in Hindi & English both on a 6'X 4' display board in the manner & format prescribed at Annexure "B" and the report of the Compliance along with photographs shall be submitted to the office & Regional Office, time to time.





RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, (Halana Doongari, Jaipur-302 004)
Phone: 0141-5159600,5159695 Fax: 0141-5159697

Registered

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

Date: 31/05/2018

Unit Id : 36037

12. That the annual reports/returns in the form prescribed under the Rules shall be submitted to the Board by 30th June of every year and records of hazardous waste Generation handling & management shall be maintained according to the provisions of the Hazardous Waste (Management and Transboundary Movement) Rules, 2016 and shall be submitted to the Board as and when asked for.
13. The hazardous waste should not be stored for a period beyond 90 days, during which the authorization shall remain to be revoked.
14. It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016. Non compliance of the Rules or any of the conditions contained in the authorization shall be tantamount to automatic cancellation/revocation of the authorization.
15. The operator of the facility shall liable to comply any other conditions as per the guidelines issued by the MoEF or CPCB or State Board related to collection, disposal, reception storage & treatment of hazardous waste.
16. 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 force. 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.
17. That this Authorization shall not, in any way, adversely affect or jeopardize the legal proceeding, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.

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RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, (Balana Dongari, Jaipur-302 004)
Phone: 0141-5159600,5159693 Fax: 0141-5159697

Registered

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

Date - 3 /05/2018

Unit Id : 16037

This bears the approval of the competent authority.

Yours Sincerely

Group Incharge

Copy To:-

- 1 Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Alwar
you are advise to ensure the compliance of authorization conditions under the
Hazardous and Other Waste (Management and Transboundary Movement) Rules
2016
- 2 Master File

Group Incharge





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

ANNEXURE XVII
1



Registered

File No. R(SCMC)/Alwar[Alwar]/1478(1)/2015-2016/210 212

Order No. 2016-2017/SCMC/2277

Unit Id. 36832

12/10/16

Date 07/04/2016

M/s. Alchemi International Pvt. Ltd

SP-2-5, Industrial Area Neemrana, Tehsil: Belror
District: Alwar

Consent to Operate under section 25(26) of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(4) of Air (Prevention & Control of Pollution) Act, 1986.

Rel. Cons. Application for Consent to Operate dated 30/03, 2015 and subsequent correspondence.

Sir,

Consent to Operate under the provisions of section 25(26) of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter to be referred as the Water Act), and under section 21(4) of Air (Prevention & Control of Pollution) Act, 1986 (hereinafter to be referred as the Air Act), as amended in date and rules & regulations issued there under is hereby granted to the Industry situated at SP-2-5, Industrial Area Neemrana Tehsil: Alwar District: Alwar Rajasthan subject to the following conditions:-

1. That this Consent to Operate is valid for a period from 01/05/2015 to 31/04/2018
2. That this Consent is granted for manufacturing, producing, forwarding, processing, packaging or carrying out the following activities or operations/activities or processes or services without any deviation below:-

Particular	Type	Quantity with Unit
Herbal Extracts & Its Purified Products	Product	200 AD KPM DA

3. That this consent is granted for existing plant process & capacity and activities and no expansion/alteration is envisaged in the future for the plant process and capacity and activities without the consent of the competent authority.
4. That the quantity of effluent generated along with mode of disposal for the effluent shall be as under:-





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

Registered

Ref. No. : [SCMC] Airpr(Airer)1470(1)/2015-2016/210-212

Date: No. : 2016-2017, SCMC, 1277

Date: 07/04/2016

For info : [SCMC]

4. That the total capital cost of the project in the expansion phase shall not exceed to Rs. 1850 Lacs which includes the capital investment made in land, building, plant & machinery and other miscellaneous assets.
5. 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.
6. That no additional source of air pollution shall be installed without prior consent from the State Board.
7. That all the emission sources and transfer points shall be provided with adequate pollution control measures.
8. That the industry shall maintain adequate infrastructure facilities for monitoring of stack emissions at brick fired boiler.
9. That the industry shall not withdraw the ground water beyond the permission accorded by the Central Ground Water Authority (CGWA) vide letter dated 19.12.2008 for abstraction of 64 KLD of ground water and daily renewal of ground water abstraction shall be maintained.
10. That water meters shall be provided and maintained at all suitable points to monitor the daily water consumption and record of same shall be maintained.
11. That the treated effluent shall be utilized for plantation/horticulture purposes within the premises and zero discharge status shall be maintained outside the premises.
12. 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 16.12.2008.
13. That the treated trade and domestic effluents shall be utilized for plantation/horticulture purposes within the premises and zero discharge status outside & inside of the premises will be maintained.
14. That the trade effluent generated from the plant shall be treated in the Effluent Treatment Plant.
15. That proper & scientific arrangement shall be made for utilization of treated effluent in plantation so as to ensure that cess pool formation is not created in the premises or in the plantation area.
16. That the industry shall comply with provisions of the Hazardous Waste (Management, Handling & Trans-boundary Movement) Rules, 2008 and disposal of hazardous waste shall be ensured in accordance with the Rules.
17. That industry shall comply with the provisions of Water (Prevention and Control of Pollution) Act, 1972 and deposit the Water Cess accordingly.

Page 1 of 1

Signature
[Signature]
Date



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

Registered

File No. F(SCM),/Alwar(Awar)/1478(1)/2015-2016/230-232

Order No. 2016-2017/SCM/2277

Date: 07/04/2016

Item Id : 36837

Please note that non compliance of any of the above stated conditions would result in revocation of Consent to Operate and project proponent / occupier shall be liable for legal action as per the existing provisions of the said Act.

Yours truly and obediently,
 (Signature of the competent authority)

Yours Sincerely,

Group Incharge SCM.

Copy To:

1. Regional Officer, ~~Regional Office~~ Rajasthan State Pollution Control Board, Jaipur, for the compliance
2. Master File

Group Incharge SCM.





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



Registered

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

Order No: 2016-2017/SCMG/2276

Date: 07/08/2016

Unit Id : 56837

M/s. Mehem International Ltd

SP-2-S, Industrial Area Neemrana, Tehsil-Behrur

District:Alwar

Sub: Consent to Operate under section 23/24 of the Water Prevention & Control Act, 1974 and under section 21(1) of Air Prevention & Control of Pollution Act, 1986.

Ref: Your application for Consent to Operate dated 27/01/2012 and subsequent correspondence.

So,

Consent to Operate under the provisions of section 23/24 of the Water Prevention & Control Act, 1974 (hereinafter to be referred as the Water Act) and under section 21 of the Air Prevention & Control of Pollution Act, 1986 (hereinafter to be referred as the Air Act) is hereby granted and order as the following conditions is hereby granted to your industry situated at SP-2-S, Industrial Area Neemrana, Tehsil Alwar, District Alwar, Rajasthan subject to the following conditions:

1. That this Consent to Operate is valid for a period from 01/06/2014 to 30/03/2015.
2. That this Consent is granted for manufacturing / processing of the following products or carrying out the following activities for the operation process of the following services with capacities given below:

Particular	Type	Quantity with Unit
Vertical Extruder & Its Product Products	Product	1000000 kg/yr

3. That this Consent to operate is for existing plant, process & capacity and whenever any new establishment/alteration is required to be taken for expansion of production or new process or change in capacity or change in fuel.
4. That the quantity of effluent generation along with mode of disposal of effluent water effluent shall be as under:





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

Registered

Title No: E/SCMG/Jalwar(Ahwar)/1474(1)/2015-2016/164-166

Order No: 2816-2015/SCMG/2276

Date: 07/03/2016

Unit id: - 4557

Type of effluent	Max. effluent generation (KLD)	Recycled Qty of Effluent (KLD)	Disposed Qty of effluent (KLD) and mode of disposal
Process Effluent	2000	NIL	5000 Septic Tank and Soak pit
Wash Water	2000	NIL	Nil On Land For Plantation/Infrastructure

5. That the sources of air emissions along with pollution control measures and the emission standards for the prescribed parameters shall be as under:

Sources of Air Emissions	Pollution Control Measures	Prescribed	
		Parameter	Standard
Boiler House (TPH)	Nil Emission	..	..
Process Gas (TPH)	ACROUSTIC ENCLOSURE SAFE STACK HEIGHT AS PER ERM	..	..
Process Gas (TPH)	ACROUSTIC ENCLOSURE SAFE STACK HEIGHT AS PER ERM	..	..

6. That the Industry will comply with the standards as prescribed vide MHEI notification No. GSR 326(7) dated 10th November, 2009 with respect to National Ambient Air Quality Standards.



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

Registered

File No : T(SCMG)/Alwar(Alwar)/1478(1)/2015-2016/164-166

Order No 2016-2017/SCMG/2276

Date 07/01/2016

Unit Id 36837

- 7 That this Consent to Operate is being issued for the production of "Herbal extracts and its purified derivatives" upto 200 kg/day with the following sources of air pollution:-
 1. DG set of capacity 500 KVA - One
 2. DG set of capacity 110 KVA - One
 3. Husk fired Boiler of capacity 8 TPH- One
- 8 That the total capital cost of the project in the expansion phase shall not exceed to Rs. 3825 Lacs which includes the capital investment made in land building plant & machinery and other miscellaneous assets.
- 9 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.
- 10 That no additional source of air pollution shall be installed without prior consent from the State Board.
- 11 That all the the emission sources and transfer points shall be provided with adequate pollution control measures
- 12 That the industry shall maintain adequate infrastructure facilities for monitoring of stack emission at husk fired boiler
- 13 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.
- 14 That water meters shall be provided and maintained at all suitable points to measure the daily water consumption and record of same shall be maintained.
- 15 That the treated effluent shall be utilized for plantation/agriculture purposes within the premises and zero discharge status shall be maintained outside the premises
- 16 That the industry shall comply with the conditions of the SCC issued by the CGWA for withdraw of ground water vide letter no 21-1(225),WR/CGWA/2007-1007 dated 16.12.2008
- 17 That the treated trade and domestic effluents shall be utilized for plantation/agriculture purposes within the premises and zero discharge status outside & inside of the premises will be maintained.
- 18 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 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 Doongari, Jaipur-302 001
Phone: 0141-5159600, 5159695 Fax: 0141-5159697

Registered

File No. E(SMC)/Alwar(Alwar)/1178(1)/2015-2016/164-166

Order No. 2015-2017/SCMG/2276

Date: 07/04/2016

Encl. 1 - 1/1/17

- 20 That the industry shall comply with provisions of the Hazardous Waste (Management Handling & Trans-boundary Movement) Rules, 2008 and disposal of hazardous waste shall be ensured according with the Rules.
- 21 That industry shall comply with the provisions of Water (Prevention and Control of Pollution) Cess Act, 1977 and deposit the Water Cess accordingly
- 22 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/ laboratories recognized by Ministry of Environment & Forests (MoEF), Government of India
- 23 That industry shall undertake suitable measures for rain water harvesting for artificial recharge of ground water
- 24 That the industry shall comply with the provisions of the Storage Manufacture & Import of Hazardous Chemical Rules, 1989.
- 25 That industry have to operate with valid policy under Public Liability Insurance (PLI) Act 91
- 26 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, effluent generated and effluent treated/reused on daily basis
- 27 That the industry shall comply with recommendation spelt out in Corporate Responsibility for Environment Protection (CREP).
- 28 That the unit shall comply with all the conditions imposed by letter no E(Tech)/Alwar(Dehror)/67(1)/2009-2010/2933-2936 dated 22/09/2009.
- 29 That industry shall furnish quarterly compliance report of consent conditions.
- 30 That notwithstanding anything provided hereinafter, the State Board shall have power to suspend or vary the consent issued under section 25(2) of the Water Act and under section 21(6) of the Air Act to extend beyond the conditions imposed here in in case of non compliance with such variation as it deemed fit for the purpose of Air Act & Water Act
- 31 That the grant of this Consent to Operate is issued from the environmental angle only, and shall not absolve the project proponent from the other statutory obligations prescribed 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 shall remain with the industry and its management.
- 32 That the grant of this Consent to Operate shall not in any way, adversely affect or expedite the legal proceeding, if any, instituted in the past or that could be instituted against any of the State Board for violation of the provisions of the Act or the Rules made there under.



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

Registered

File No. : E[SCMG]/Alwar[Alwar]/147E(1)/2015-2016/164-166

Order No. : 2016-2017/SCMG/2276

Date : 07/04/2016

Unit Id. : 36837

This Consent to Operate shall have to be submitted besides the attached specific conditions and the general conditions given in the enclosed annexure. The consent to operate shall comply with the provisions of the Water Act and Air Act and the rules and regulations made there under. The consent to operate shall be submitted to the state pollution control board for the concerned area. Please note that non compliance of any of the above stated conditions shall result in the revocation of Consent to Operate and project proponent shall pay the cost of the action taken under the relevant provisions of the said Acts.

It is bears the approval of the competent authority

Yours Sincerely

Group Incharge[SCMG]

Copy To:-

1. Regional Engineer, Regional Office, Rajasthan State Pollution Control Board, Jaipur for the information.
2. Master File

Group Incharge[SCMG]





Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 2711263, 2711329, 2700801 Fax: 2710647, 2709980, 2704578
www.rpcb.nic.in

Registered

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

Order No : 2009-2010/Group/186

Dispatch Date:

22/03/2009

M/s Alchem International Ltd,

SP2-5, R/A Neemrana, Tehsil:BEHROR

District:ALWAR

Sub: Consent to Establish under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and Under section 21(4) of Air (Prevention & Control of Pollution) Act, 1981

Ref: Your application(s) for Consent to Establish dated 03/03/2009 and subsequent correspondence

Sir

Consent to Establish under the provisions of section 25/26 of the Water (Prevention & Control of Pollution) Act 1974 (hereinafter to be referred as the Water 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 thereunder is hereby granted for your industry situated/proposed at SP2-5, R/A Neemrana, Tehsil Behror, District Alwar, Rajasthan under the provisions of the said Act(s). This consent is granted on the basis of examination of the information furnished by you in consent application(s) and the documents submitted therewith, subject to the following conditions

- 1 That this Consent to Establish is valid for a period from 03/03/2009 to 29/02/2012 or date of Commencement of production / commissioning of the project or activities whichever is earlier
- 2 That this Consent is granted for manufacturing / producing following products or products or carrying out the following activities or operation/processes or providing following services with capacities given below

Particular	Type	Quantity with Unit
DG SET (1NO)	Service	110 KVA
DG SET (1NO)	Service	500 KVA
ONE HUSK FIRED BOILER	Service	6 TPH

- 3 That in case of any increase in capacity or addition / modification / alteration or change in product mix or process or raw material or the project proponent is required to obtain fresh consent to establish.
- 4 That the control equipment as proposed by the applicant shall be installed before trial or commercial 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 be treated as consent to operate.
- 5 That the quantity of effluent generation and disposal along with mode of disposal for the treated effluent shall be as under:

22/3

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Rajasthan State Pollution Control Board
 4, Institutional Area, Jhalana Doongari, Jaipur-302 004
 Phone: 2711263, 2711329, 2700601 Fax: 2710647, 2709980, 2704578
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 Registered

File No : F(Tech)/Alwar(Behror)/67(1)/2009-2010
 Order No : 2009-2010/Group/166

Dispatch Date:

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

- 6 That the sources of air emissions along with pollution control measures and the emission standards for the prescribed parameters shall be as under

Sources of Air Emissions	Pollution Control Measures	Prescribed	
		Parameter	Standard
HULSK FUELLED BOILER (6 TPH)	Multi Cyclone	Particulate Matter	250 mg/Nm ³

- 7 That the industry shall maintain the following Ambient Air Quality Standards as prescribed under Environment (Protection) Rules 1986

Area Category Name	SPM µg/m ³	SO ₂ µg/m ³	CO µg/m ³	NO _x µg/m ³
Industrial and mixed use	500.00	120.00	5,000.00	120.00

- 8 That the trade effluent shall be treated before disposal so as to conform to the standards prescribed under the Environment (Protection) Act-1986 for disposal into land Surface Water. The main parameters for regular monitoring shall be as under

Parameters	Standards
Total Suspended Solids	Not to exceed 150 mg/l
pH Value	Between 8.5 to 9.0
Oil and Grease	Not to exceed 10 mg/l
Biochemical Oxygen Demand (5 days at 27°C)	Not to exceed 30 mg/l
Chemical Oxygen Demand	Not to exceed 250 mg/l



Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 2711263, 2711329, 2709601 Fax: 2710647, 2709960, 2704578
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Registered

File No : F(Tech/Alwar/Behror)/67(1)/2009-2010
Order No : 2009-2010/Group/166

Dispatch Date:

9 That this Consent to Establish is being issued for installation of following sources of air pollution:

1. Husk fired boiler of capacity 8 TPH- One
2. DG set 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 husk fired boiler

11 That the industry shall provide and maintain stacks of adequate height and acoustic enclosures with the DG sets.

12 That treated trade effluent shall be used for plantation / horticulture within the premises and zero discharge status shall be maintained outside the premises

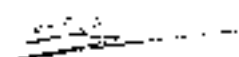
13 That the cost of husk fired boiler (8 TPH) and DG sets (500 KVA & 110 KVA) shall not exceed Rs. 64.78 lacs.

14 That not withstanding anything provided hereinabove, 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 all the conditions imposed here in above and to make such variation as it deemed fit for the purpose of compliance of the Water Act and Air Act

This Consent to Establish shall also be subject, beside the aforesaid specific conditions to the general conditions given in the enclosed Annexure. The project proponent shall comply with the provisions of the Water Act and Air Act and to such other conditions as may from time to time, 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 tantamount to revocation of Consent to Establish and project proponent / occupier shall be liable for legal action under the the relevant provisions of the said Act(s).

This bears the approval of the competent authority.

Yours Faithfully


Group Incharge

Copy To:-

- 1 Regional Officer, Regional Office Rajasthan State Pollution Control Board, Alwar
- 2 Master File

Group Incharge

Page 5 of 1



Rajasthan State Pollution Control Board
 4, Institutional Area, Jhalana Doongari, Jaipur-302 004
 Phone: 2711263, 2711329, 2700601 Fax: 2710647, 2709980, 2704576
 www.rpcb.nic.in

Registered

File No : FTech/Alwar(Behror)67(1)/2009-2010 22/3-5

Order No. 2009-2010/Group/105

Date:

24/9/09

M/s Alchem International Ltd.

SP2-5, R/A Neemrana, Tehsil:BEHROH

District:ALWAR

Sub: Consent to Operate under section 25(2) of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(4) of Air (Prevention & Control of Pollution) Act, 1981

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

Sir,

Consent to Operate under the provisions of section 25(2) of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter to be referred as the Water 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 thereunder is hereby granted for your industry situated at SP2-5, R/A Neemrana, Tehsil: Behror, District Alwar, Rajasthan, 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 following products or products or carrying out the following activities or operations/processes or providing following services with capacities given below

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

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

Type of effluent	Max. effluent generation (KLD)	Quantity of effluent to be recycled (KLD)	Quantity of effluent to be disposed (KLD) and mode of disposal
Domestic Sewage	2.00	NIL	2.00 Septic Tank And Soakpit
Trade Effluent	23.00	NIL	23.00 On Land For Plantation/Horticulture

Page 1 of 1

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Rajasthan State Pollution Control Board
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File No : F(Tech)/Alwar/Behror/67(I)/2009-2010
Order No : 2009-2010/Group/165

Date:

5. That the sources of air emissions along with pollution control measures and the emission standards for the prescribed parameters shall be as under:

Sources of Air Emissions	Pollution Control Measures	Prescribed	
		Parameter	Standard
COAL FIRED BOILER (8 TPH)	Multi Cyclone	Particulate Matter	250 mg/Nm ³

6. That the industry shall maintain the following Ambient Air Quality Standards as prescribed under Environment (Protection) Rules 1986.

Area Category Name	SPM µg/m ³	SO ₂ µg/m ³	CO µg/m ³	NO _x µg/m ³
Industrial and mixed use	500.00	120.00	5000.00	120.00

7. That the trade effluent shall be treated before 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

Parameters	Standards
Total Suspended Solids	Not to exceed 100 mg/l
pH Value	Between 5.5 to 9.0
Oil and Grease	Not to exceed 10 mg/l
Biochemical Oxygen Demand (3 days at 27°C)	Not to exceed 30 mg/l
Chemical Oxygen Demand	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 16.12.2009 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 suitable points to measure the daily water consumption and record of same shall be maintained.



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Registered

File No : F(Tech)/Awar/Bahror/67(1)/2009-2010

Order No : 2009-2010/Group/165

Date:

- 10 That this Consent to Operate is valid for following sources of air pollution:-
 1. DG set of capacity 500 KVA – One
 2. DG set of capacity 110 KVA – One
 3. DG set of capacity 82.5 KVA – One
 4. Husk Fired Boiler of capacity 8 TPH- One
- 11 That the Industry shall complete the plantation work as per the norms by 31.12.2009 else, the guarantee money (Rs. 10,000) will be forfeited without any further notice.
- 12 That the treated effluent shall be utilized for plantation / horticulture 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 husk fired boiler.
- 15 That, not withstanding anything provided heretofore, 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 all the conditions imposed here in above and to make such variation as it deemed fit 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 Annexure. 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 time, 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 tantamount to revocation of Consent to Operate and project proponent / occupier shall be liable for legal action under the relevant provisions of the said Act(s).

This bears the approval of the competent authority

Yours Faithfully

Group Incharge

Copy To:-

- 1 Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Awar Vm., are advised to collect samples from ETP and conduct stack as well as ambient air quality monitoring within one month and send reports to the H.O.
- 2 Master File..

Page 3 of 3

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Rajasthan State Pollution Control Board

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Registered

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

Order No : 2009-2010/Group/165

Date:

Group incharge

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General Conditions related to both Air and Water Acts

1. That to achieve the prescribed standards of the consent order, adequate arrangement for pollution control shall have to be provided mentioned and operated all the time whenever the process/plant is in operation.
2. The power supply to all the pollution control measure/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 Board 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 day.
4. That the power supply to the production/process shall be so interlocked with the pollution control equipments that in the event of non functioning of the pollution control equipment, the production process stops automatically.
5. That the industry shall submit compliance of the consent conditions along with analysis reports of the stack emissions/ ambient air quality. The compliance report along with analysis report of the samples will be submitted to the Head Office of the Board at Jaipur and also concerned Regional Office of the Board Office soon after it is carried out. For this, the said sampling & analysis facilities with the Board are provided. The frequency of:

S. No	Type of Industry	Compliance Reporting schedule by the industry
1.	17 highly polluting industries (large & medium scale)	Once in 6 Months
2.	17 highly polluting industries (small scale) and 17 highly polluting industries (other than 17 categories)	Once in 12 Months
3.	Small scale industries (small scale)	Once in 18 Months
4.	Orange Category industries (large & medium scale)	Once in 24 Months
5.	Orange Category (small scale) and all the Other Category units.	Once in 36 Months

6. That the industry shall comply with the provisions of Hazardous Waste (Management & Handling) Rules-1989 and Manufacture, Storage and Import of Hazardous Chemicals Rules-1989 and Battery Rules (Management & Handling) Rules-2001 amended to date as notified under Environment (Protection) Act-1986 (if applicable).
7. That the management shall obtain and maintain valid insurance policy coverage under Public Liability Insurance Act (PLIA) and submit its copy to the Board every year (if applicable).
8. That Occupier shall ensure compliance of recommendations of Corporate Responsibility for Environment Protection (CREP) issued by Central Pollution Control Board (CPCB) for certain specific kind of industries (if applicable).
9. That the Occupier shall submit Environmental Statement every Year in the Month of September for the Period April to March of the previous Financial Year.
10. That the management shall maintain good house keeping in the plant.

11/6/21

11. In case of Consent to Operate for the proposed project or expansion, the industry shall inform this Office and also the concerned Regional Office about the installation arrangement made for control of pollution so as to conform to the prescribed norms & Ways in advance of commissioning of the processing plant so that the same could be inspected and verified for its adequacy.
12. That any incorrect information submitted in the consent application form and its enclosures shall make the industry liable for legal action under Section 43 of Water Act/Section 38 of the Air Act.
13. The consent, under no circumstances shall be construed as confirmation of any property or any interest of the applicant unit. It is only confined for the purpose of regulation of the provisions of Water Act and Air Act.
14. That this consent is valid subject to fulfillment of other statutory requirement in other laws/Acts/Rules as applicable.
15. The Occupier shall make an application for renewal of Consent to Operate in the prescribed form in triplicate along with the requisite consent fees and compliance reports at least 30 days before the expiry of Consent to Operate. It may be noted that a post-facto consent will be issued in case the industry fails to apply for renewal within the time prescribed as above.
16. That this Consent to Operate is for existing plant and process and separate Consent to Establish is required to be obtained for any additional modification, alteration, or change before taking any step for such a change. Further, this Consent to Operate shall in no case be treated Consent to Establish for further expansion, if any.
17. That 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 33% of the total area of factory premises shall be covered by the tree plantations. This area under plantation will be calculated as per circular No. P.14 (46) RPB/Pig Policy/5804-5635 dated 15/07/2004 or amendments made from time to time.

General Conditions related to Air Act only

1. That, height of the stacks attached to all the major sources/ DG sets shall be provided and maintained as per the norms prescribed.
2. That you shall provide and maintain necessary infrastructure facilities for the monitoring of stack emissions and ambient air quality parameters in accordance with the prescribed guidelines & suggestion given by the officials of the Pollution Control Board 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 scrubbing media on land. In order to check the corrosion of the drains, anti-corrosive lining should be provided. Also the Industry shall have to maintain proper record of water consumption in scrubbing system, scrubbed liquor, recycling, treatment, etc etc.
4. In case of 17 category highly polluting units and large scale red category & polluting units like major Power, Plants, Cement Plants, Smelters, Petroleum Refineries, Fertilizer Plants and Chemical Units, the Occupier shall provide at least three ambient air quality stations at the periphery of the factory premises for monitoring of ambient air 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 control system for the fugitive emissions from the various activities/process. These are to be maintained in good condition and operated properly so as to maintain clean and safe environment, in and around the premises of the unit.
6. That for the diesel generator sets acoustic enclosure/acoustic treatment shall be provided to meet the prescribed norms with noise as per the Gazette Notification Jored of the Ministry of Environment & Forests, Government of India dt 01/1999. Noise from the diesel Generator Sets shall be controlled by providing an acoustic enclosure or by treating the room acoustically. The acoustic enclosure/acoustic treatment of room should be designed for minimum 25 dB (A) Insertion Loss of for meeting the ambient noise standards, whichever is the higher. The measure for Insertion Loss may be done at different points at 0.5 meter from the acoustic enclosure/room and then averaged. The Diesel Generator Sets should also be provided with proper exhausts muffler with Insertion Loss of minimum 25 dB (A).
7. In case the DG set of capacity more than 0.8 MW, the air emission standards as prescribed under GSR 489 (E) dated 09/02/2002 shall be complied with.
8. The stack height for the Diesel Generator Sets shall be as below
 $\text{Height of stack (in Meters)} = \text{Height of Building} + 0.75 (\text{KVA of DG set})$
9. That the Occupier shall ensure that the noise from the operations in the unit does not exceed the prescribed ambient noise standards for the industrial area i.e. 75 dB (A) Leq during the day time and 70 dB (A) Leq during the night. The day time is reckoned in between 6 A.M. and 9 P.M. and the night time is reckoned between 9 P.M. and

General Conditions related to Water Act only

1. Samples of treated effluent shall be collected as per the schedule prescribed in condition no. 2 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 analysis shall be submitted to the Board regularly/ or immediately after the analysis is completed. Methods of sampling and testing shall be as per IS:4733 and IS:2433 or methods approved by Board as the case may be for domestic and industrial effluent.
2. The efforts shall be made to recycle maximum quantity of the treated Waste Water in the process and offices and the remaining be utilized in plantation in the premises. For utilization of the treated Waste Water in plantation, a well designed sprinkling system should be installed, maintained and operated. Adequate land depending upon the applicable hydraulic loading criteria shall be arranged and maintained under plantation. The criteria is as follows:

Hydraulic loading 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 settled sewage applied M3/Hectare/Day
1	Sandy	225 to 281
2	Sandy Loam	168 to 225
3	Loam	112 to 168
4	Clay Loam	56 to 112
5	Clayey	35 to 57

S. No.	Soil Texture Class	Dosages of settled industrial waste applied M3/Hectare/Day	
		BOD up to 300mg/l	BOD more than 300mg/l but less than 500 mg/l
1	Sandy	18 to 226	90 to 113
2	Sandy Loam	134 to 180	67 to 90
3	Loam	90 to 134	45 to 67
4	Clay Loam	54 to 90	22 to 45
5	Clayey	28 to 54	14 to 22

3. A holding tank of at least 24 hours capacity shall be provided and maintained to store the Waste 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 IS:4733 (Part-I & II) and shall be discharged into soak pit through septic tank. In case the industry is having its own housing colony having discharge more than 50 KLD, the industry should have Sewage Treatment Plant. The requirement of Waste Water treatment for hotels shall be according to specific circulars issued for hotels.
5. That the Occupier shall provide and maintain above ground recycling/evaporation tanks of adequate capacity with proper lining to avoid spillage or over-flow of scrubbing media on land. In order to check the corrosion of the drains, anti-corrosive lining should be provided. Also the industry shall have to maintain proper record of

water consumption in scrubbing system, scrubbed liquor, recycling, treatment, etc.

6. 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 them impervious. They should have adequate evaporation surface area based on the evaporation rate in that particular area.
7. That the Occupier shall have to store the semi solid and solid waste if so generated in a proper manner on impervious platform along with facility for leachate collection which shall be collected and sent to the effluent treatment plant for proper treatment.
8. In case the water consumption is more than 10 KL/D, the authorities shall comply with the provisions of Water (Prevention & Control of Pollution) Cess Act-1977 and industry shall regularly submit to the Board the returns in the prescribed form and will deposit the cess as specified under Section 3 of the said Act. In case the industry fails to submit the returns in time, the assessment of cess will be made considering the water consumption figures given in the consent application form or earlier return whichever is higher. Units covered under self assessment scheme (SAS) having annual cess amount up to Rs. 6000/- shall deposit the cess in the concerned Regional Office of the Board along with Self Assessment Form.
9. That the industry will install water meters at the source of water supply and will keep complete records of the ground water extracted or water drawn from any other source.



Rajasthan State Pollution Control Board

From:-

Alumina International Pvt. Ltd.

To,
Regional Officer
6 / 43 -44 N. E. B. Housing Board
Colony, Delhi Road, Alwar

Unit ID: 35937

Application ID : 193820

Application Type : HSW

Disposing Authority: Alwar

Address: SP-2-5, Industrial Area Neemrana, Distt. Alwar,
District Alwar (Unit Id :35937)

Sir,

I/We hereby apply for Authorization/renewal of Authorization under sub-rule(2), and (3) and sub-rule(6) of rule 5 of the Hazardous Waste(Management and Handling) Rules, 1989 for Collection/Reception/Treatment/Transport/Storage/Disposal of hazardous Waste

Part 1: General Information

Waste Type	Hazardous Waste	Dealing Group	Alwar
Name of Applicant	N K Singh	Designation of Applicant	W/O
Application Date	25/08/2017	Received Date	25/08/2017
Application For	Renewal	Application Status	Pending
Authorisation Required for			
Storage Capacity available	Yes / Adequate		

Waste Details

Schedule Category Code / Name	Quantity / Unit	Storage Capacity	Mode of Disposal	Nature of Waste
23.3 Discarded Glue Containers, Barrels/Liners Contaminated with hazardous waste/thermoplastics	100 TON PER YEAR	25	Landfill / Burial	Other
20.3 Discard of hexamens	1000 TON PER YEAR	100	Common Landfill / Incineration / Burial	
5.1 Waste Oil	1000 LITER PER YEAR	1000	Special Registered Landfill	Other

Raw Material Details

Name	Quantity/Unit	Storage Capacity	Is Hazardous Waste
Hexos	1000 TON PER YEAR	1000	Yes

Product/ By Product/ Service/Activity details

S. No.	Name	Quantity/ Capacity (With Unit)	Product or By Product or Service	Storage Capacity
10603	Herbal Extracts & Its Purified Products	300, KG PER DAY	Product	2000

Water Consumption Details (Kilo liter per Day)

SrNo	Source of Water	Boller / Cooling	Domestic	Industrial Process	Others
96914	Ground Water	27	65	225	5

Details of Vehicle

Details of D. G. Sets

S.No.	Rating Status of (KVA / Acoustic enclosure KW)	Height of Stack (in meter) Above roof	Height of Stack (in meter) Above Ground Level	Infrastructure facilities for stack emission monitoring (Yes/ No/ Not required)	
23681	5Du	Yes	4.2	11	N
23682	500	Yes	4.2	11	N

Not Applicable

Bank Details

Print Back

$$r_2 = 1, \quad \theta = 45^\circ, \quad \phi = 0.$$

✓ American Sign



RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Bungalow, Jaipur-302 003
Phone: 0141-5159000,5159097 Fax: 0141-5113000
www.rpcb.mn.in
Revised Authorization

File No: E(HSW)/Alwar(Alwar)/64(1)/2012-2013/0145-0148

Date: 10/10/2017

M/s Alchem International Ltd.

5P-2/5, Industrial Area Neemrana,, Tehsil:Behror

District:Alwar

Subj:- Authorization for operating a facility for Collection, Disposal, Generation, Reception, Storage, Treatment of Hazardous Waste (under Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008

Ref:- Your application dated: 02/10/2012 received on 15/10/2012 and subsequent correspondence.

Sir

1. Number of authorization RPCB/FWM/2012-2013/SP/M/HSW/1145
2. Sr. Manager of M/s Alchem International Ltd. is hereby granted an authorization under Rule 5(4) of Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008 made under the Environment (Protection) Act, 1986 to operate a facility for Collection, Disposal, Generation, Reception, Storage Treatment of Hazardous waste on the premises situated at 5P-2/5, Industrial Area, Neemrana,, District: Alwar.
3. The authorization is granted for the Collection, Disposal, Generation, Reception, Storage Treatment of hazardous waste of following categories in the activities of the establishment.

Sl.No	Type of Hazardous waste	Category		Quantity Unit	Hazardous Waste Disposal Practice
		Sch	Code		
1	Inert Inorganic solvents	1	101	10000 kg/yr	Storage and land fill
2	Plastic, metal containers, drums, tanks, vessels used for hazardous wastes, chemicals	1	102	10000 kg/yr	Storage and land fill
3	Used systems	1	103	10000 kg/yr	Storage and land fill

4. The authorization shall be in force for period from 02/10/2012 to 30/09/2017
5. That this authorization 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,1986 by the State Board.



RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, Jhalana Deongari, Jaipur-302 004
Phone: 0141-5159600, 5159635 Fax: 0141-5159637
www.rspcb.nic.in
Revised Authorization

File No. F(HSW)/Alwar(Ahwar)/6411/2012-2013/8145-8148

Date: 12.11.12

1. That no recycling or processing of the hazardous waste covered under schedule IV shall be carried without prior & valid registration with Central Pollution Control Board, Delhi (CPCB)/ Competent Authority as necessary to refiner of hazardous waste under the rule 8 of the HW (M, H & TM) Rules, 2008
2. That 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.
3. The authorization is subject to the condition, given in Annexure A, attached to the authorization letter and the same conditions as may be specified in the future orders issued under the Environmental (Protection) Act 1986.
4. The unit has to display and maintain the date of issue inside the factory in English & English both on a 6X4 display board in the manner & format prescribed at Annexure B and the report of the Compliance along with photographs shall be submitted to the office & Regional Office time to time.
5. That the annual reports/returns in the form prescribed under the law shall be submitted to the Board by 30th June of every year and records of handling of hazardous handling & management shall be maintained according to the provisions of the Hazardous Waste (Management, handling and Transboundary Movement) Rules, 2008 and shown, submitted to the Board as and when asked for.
6. The hazardous waste should not be stored for a period exceeding 180 days and if it is longer then it shall be deemed to be leaked.
7. It shall be ensured that the hazardous waste is handled, managed & disposed of in accordance with the Hazardous Waste (Management, handling and Transboundary Movement) Rules, 2008. Non compliance of the provisions of the law specified in the authorization shall be tantamount to automatic cancellation of the authorization.
8. The operator of the factory shall follow the instructions and directions issued in the guidelines issued by the MoEF or CPCB or State Board related to collection, transportation, reception, storage & treatment of hazardous waste.
9. That this revised authorization letter shall supersede any other authorization held by the 2012-2013 HWNO/HSW/138/7283-7286 dated 11.11.2012.
10. That Authorization is issued under the provisions of Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008 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 force. 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.

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RAJASTHAN STATE POLLUTION CONTROL BOARD
4, Institutional Area, (Bhalana Doongari, Jalpur-302 004
Phone: 0141-5159600-5159695 Fax: 0141-511069
www.rspcb.mn.in
Revised Authorization

File No. F(HSW)/Alwar (Alwar)/61(3)/2012-2013/8145-BL48

Date: 12/11/2012

16. That this Authorization shall not, in any way, adversely affect or suspend the law, whenever, if any, instituted in the past or that could be instituted against polluting unit, State Board for violation of the provisions of the Act or the Rules made thereunder.

This bears the approval of the competent authority.

Yours Sincerely

Group Incharge

Copy To

1. A.P.A. as Member Secretary RSPCB, Jaipur
2. Regional Officer, Regional Office, Rajasthan State Pollution Control Board Alwar with advice to ensure compliance of the conditions with the provisions of HW (M.P. & TM) Rules 2008
3. Master File SWMT Cell, RSPCB, Jaipur

Group Incharge