



S. M. INDUSTRIES

DYES MANUFACTURERS

Plot No. 192/4, Vill. SOKHDA.

Po. Khambhat, Dist. Anand. (Guj.)

Tel. : (02698) 224521, 224530

E-mail :- smindustries98@yahoo.co.in

GST NO. :- 24AAGFS8175E1Z2

June 08, 2019

BY HAND DELIVERY/RPAD

To

The Director IA (Industry-II)

Ministry of Environment, Forest and Climate Change

Government of India,

Indira Paryavarn Bhavan,

Aliganj, Jor Bagh Road,

New Delhi – 110 003

SUB: ADDITIONAL INFORMATION FOR ENVIRONMENT CLEARANCE FOR PROPOSED EXPANSION OF DYES & NEW PIGMENTS IN EXISTING DYES UNIT AT PLOT NO. 192/4, VILLAGE: SOKHADA, TALUKA: KHAMBHAT, DIST: ANAND – 388 620 GUJARAT, INDIA, GUJARAT OF M/s. S. M. INDUSTRIES

CATEGORY: A-5(f): UNIT LOCATED OUTSIDE NOTIFIED INDUSTRIAL ESTATE (INDUSTRIAL SECTOR PROJECT)

**REF: YOUR LETTER NO. IA-J-11011/371/2017-IA II (I) DATED AUGUST 24, 2017
MINUTES OF THE 7TH EXPERT APPRAISAL COMMITTEE (INDUSTRY-2) MEETING HELD DURING 6-8 MAY, 2019**

KIND ATTN.: MR. S. K. SHRIVASTAVA

Dear Sir,

This has reference to the above mentioned subject matter. We are submitting herewith additional information as required by you for Proposed Expansion of Dyes & New Pigments in Existing Unit at 192/4, Village: Sokhada, Taluka: Khambhat, Dist: Anand – 388 620 Gujarat, India of M/s. S. M. Industries [Industrial Sector Project-Category: A- 5 (f)].

We hope you would find the same in order and oblige us by granting EC.

Thanking you.

Yours faithfully,

For S. M. INDUSTRIES

Partner

1. Justification/ Clarification on non applicability of the EIA Notification, 1994.

As per Para 3, Sub-para (c) of EIA Notification dated Jan. 27, 1994 of MoEF, New Delhi, EC was applicable to Dyes Industries but Small Scale Industries (having investment less than Rs. 1 crore) were exempted from obtaining EC. M/s. S. M. Industries was a tiny enterprise in 1997 and its **status was 'tiny enterprise'** and **certificate** was received on **Aug. 12, 1999 from District Industries Centre, Anand** vide Letter No. DIC/IND/2655 (Annexure-1). Thus, EC was exempted to M/s. S. M. Industries and we obtained Site Clearance Certificate (NOC or CTE) from GPCB, Gandhinagar vide letter No. PC/NOC/KH-466/35873 dated Dec. 29, 1997 (Annexure-2) & Consent to operate under Air Act, 1981 vide Order No. 10671 dated Sept. 16, 1998 (Annexure-3) from GPCB, Gandhinagar & Consent to operate under Water Act, 1974 vide Order No. 15851 dated Sept. 21, 1998 from GPCB, Gandhinagar (Annexure-4).

Annexure-1

Tiny Enterprise Certificate

2655
2479

No. DIC/1801
Dist. Industries Centre,
Apna Bazar, 2nd Floor,
Bubhash Road, Anand-388 001,
Dist. Anand

ફેબ્રુઆરી ૨૦૧૯ માટે ન
FOR OFFICE USE ONLY

120899

અરજ નંબર
Applicant No. 08/009

બેનમાઈસી કોડ
NIC Code

બ્લોક કોડ
Block Code

જિલ્લા કોડ
District Code 20

રાજ્ય કોડ
State Code 04

ઉત્પાદિત આર્ટિકલ માટે ઔદ્યોગિક પરવાનગી જરૂરિયાત છે ?
Whether the items of manufacture/activity require an industrial licence.

હા-૧
YES-1,

ના-૨
NO-2. 2

નાર ૫/૭/૯૧ ના નોટિફિકેશનના શીડ્યુલ-૨ મુજબ જો એકમ ૫૦/૧૦૦ કરીંગલો પાવર સાર્વ/પાવર વગર રાખે તો ઔદ્યોગિક પરવાનગી જરૂરિયાત રહેતી નથી.
(no industrial licence is required for items listed in Schedule-II of the licencing notification dated 25/7/1991 if the unit employs less than 50/100 workers with / without power)

નોંધણી પ્રમાણપત્ર
CERTIFICATE OF REGISTRATION

મ/સ. S. M. Industries, Sokhada, Ta. Khamhat

એકમ કાયમી લઘુ ઉદ્યોગ એકમ તરીકે/સ્મોલ સેલ સર્વિસ એન્ડ બીઝનેસ એન્ટરપ્રાઇઝિસ
The unit is permanently registered as a SSI/SSSBE unit for the

the application form and briefly noted below.

ઉત્પાદિત વસ્તુ/પ્રવૃત્તિ (પરિશિષ્ટ એ ના અનુ. ૧૧)
Item of manufacture/activity (S.No. 11 and Appendix-A)

1. 1. Acid Yellow - 24.

2. 2. Acid Scarlet - 3h.

3. 3.

અનિવાર્ય એકમ માટે

FOR TINY ENTERPRISE :

એકમ અનિવાર્ય એકમ છે અને તેની મુદત

The unit is a tiny enterprise and its status as "tiny enterprise" is valid upto

11-08-2004

મુદતમાં વધારે

મુદત કરવામાં આવેલ છે.

Validity is extended up to

મુદતમાં વધારે

મુદત કરવામાં આવેલ છે.

Validity is extended upto

તારીખ

Date

12/08/04

સહી

Signature

K.C. PATEL
Manager (Industrial Development)
Name & Designation of Registering Authority
District Industries Centre,
AMAND

૧. થેચરે કરેલ અરજી ફોર્મ એ નોંધણી પ્રમાણ પત્રનો ભાગ છે.

1. The endorsed application form is a part of the certificate of registration

૨. એપેન્ડિક્સ 'એ' ના અનુક્રમ નં. માં બતાવેલ ઉત્પાદન આઈટમ માટે પ્રમાણપત્ર માન્ય છે.

2. The certificate is valid for the items of manufacture/activity noted at S.No. and Appendix A and is also valid for any other item activity undertaken by the unit.

૩. અનિ નાના એકમોની માન્યતા માટે નિયત કરેલ પદ્ધતિ મુજબ દરેક પાંચ વર્ષે રીન્યુ કરવું જરૂરી છે.

3. Conferment of the status as a tiny enterprise is to be validated/renewed every five years as per procedure prescribed.

નોંધણી માટે કરેલ અરજીના અનુસંધાને કરેલ એફિડેવિટના આધારે પ્રમાણપત્ર આપવામાં આવે છે.

The certificate is subject to the affidavit furnished by the applicant in respect of the application for registration.

નોંધણી અધિકારી દ્વારા આપેલ પ્રમાણપત્ર અથવા તમામ શરતોએ આધીન છે.

The certificate is subject to any or all the conditions that may be imposed by the Registering Authority.

૬. જો એવું માનવામાં આવશે કે માનવાને કારણે હથે કે અરજદારે કરેલી અરજીમાં જણાવેલ એફિડેવિટ/ડિક્લેરેશન ખોટું હશે, અથવા તો મુડી રોકાણ મર્યાદાથી વધતું હશે તો આપેલ પ્રમાણપત્ર કોઈ પણ જાતની સુચના આપ્યા વગર રદ કરવામાં આવશે.

6. If at any time it is found that the declaration/affidavit furnished by the applicant is not true or in the event of violation of any of the conditions imposed by the registering authority, or if the investment exceeds the prescribed limit, the registration certificate is liable to be cancelled/quashed without any prior notice.

૭. આ પ્રમાણપત્ર અરજદારને કોઈપણ પ્રકારનો અધિકાર આપતું નથી અને આને કોઈ પણ પ્રકારની કાનૂની જરૂરિયાત સામે પુરાવા તરીકે માન્ય રાખવામાં આવશે નહીં પ્રવર્તમાન કાયદાકીય જરૂરીયાતની પૂર્વતા કરવા જે તે અરજદાર/એકમ જવાબદાર રહેશે.

7. This certificate does not confer of accrue any right to the applicant and can not be treated as proof in respect of any statutory requirement or condition that may exist under any law for the time being in force. The onus of satisfying add fulfilling such requirements of conditions rests squarely on the applicant/unit.

૮. અરજદારની વિનંતી અનુસાર પ્લાન્ટ અને મશીનરીની કિંમતમાં વધારો ધટાડો અથવા તો બંધારણમાં ફેરફાર- સ્થળમાં ફેરફાર વગરે આપ્રમાણપત્રની સાથે જોડેલા વધારાના કાગળમાં જ કરવામાં આવશે.

8. Additions/deletions in the list of Plant of Machinery add the revised investment value thereof and/or any changes in the constitution or location of the unit should be made in the additional sheets appended to the certificate on the request of the applicant.

Annexure-2

Site Clearance Certificate from GPCB, Gandhinagar

NO:PC/NOC/KH-466/ 35893

29 DEC '97

TO,
M/s. S.H. INDUSTRIES,
C/o. SHANTILAL HARFATIA,
NOTIRYA POLE,
UMRETH,
DIST. KHEDA.

SUB : SITE CLEARANCE CERTIFICATE

REF : Your NOC application No.18500.

Dear Sirs,

We are in receipt of your application/letter under reference requesting us to grant No Objection Certificate to establish an industrial unit at PLOT NO.192/4, VILLAGE : SOKHADA, TA. KHANDHAT, DIST. KHEDA for the manufacture of the following items:

ITEM	CAPACITY
1) Acid Yellow - 24	
2) Acid Scarlet 3R	
3) Acid Fast Red A	
4) Acid Orange	
5) Acid Yellow - 17	
6) Acid Yellow - 23	
7) Acid Black 10 BX	
	Together 5 T/month

We have scrutinised the information furnished by you and the proposal for the control of pollution. We would like to inform you that the proposed location for this industrial plant is acceptable to us provided that you will implement the following measures for the prevention and control of environmental pollution and will comply with the condition stipulated hereunder.

A) The following measures shall be taken for treatment and disposal of liquid effluents.

i) The following units shall be installed for the treatment of effluents.

- Collection Sump.
- Oil & Grease trap.
- Equalisation cum Neutralisation.
- Hopper Bottom Settling tank.
- Aeration tank.
- Secondary settling tank.
- Sludge drying Beds.
- Sand filter & Carbon filter.

ii) Quantity of the effluent shall not exceed 8200 Lit/day.

2.2. Quality of the effluent shall be as under :

(a) Compulsory parameters	4.5 - 8.5
pH	
BOD (5 days at 27 °C)	100 mg/l
Oil and Grease	10 mg/l
Bioassay test	minimum 90% survival after 96 hours with 100 % effluent.
(b) Additional parameters	mg/l
Nitrate (as N)	10
Arsenic	0.2
Hexavalent Chromium	0.1
Total Chromium	1.0
Lead	0.1
Cyanide (as CN)	0.2
Mercury	0.01
Copper	2.0
Nickel	2.0
Phenolics (C H OH)	5.0
Sulphides	2.0

Note:-

i) No Limit for COD is prescribed, but it shall be monitored. If the COD in a treated effluent is persistently greater than 250 mg/l, such industrial units are required to identify chemicals causing the same. In case these are found to be toxic as defined in Hazardous Chemicals Rules, 1989 in Part 1 of Schedule-I, the State Boards in such cases may direct the industries to install tertiary treatment system stipulating time limit. This may be done on a case-to-case basis.

iv) DISPOSAL (trade/industrial effluent) :
The treated effluent confirming to the above standards shall be discharged into estuary of river Mahi.

v) Domestic waste water shall be disposed of through septic tank soak pit system or it shall be treated separately to conform to the following standards and shall be utilized on land within the premises of the industry for gardening, plantation and green belt development.

BOD (5 days 20 °C)	20 mg/l
Suspended solids	30 mg/l
Free Chlorine	0.5 (minimum)

The following shall be applicable for the emission of gases:

- i) Wood shall be used as fuel at a rate of 10 Ton/Month.
- ii) Stack height : 11 meters from the ground level attached to boiler/furnace.
- iii) There shall be no process emission from manufacturing process and other ancilliary operation.

- C) **GREEN BELT DEVELOPMENT**
A green belt of minimum 5 meters width shall be developed all along the periphery of the industry in such a way that the density of trees shall be atleast 1000 trees per acre of green belt area.
- D) adequate arrangement for the management and handling of hazardous waste shall be made as per the guideline of GPCB.
- E) The concentration of noise within the factory premises shall not exceed the following limits :

Between 6 A.M. to 9 P.M. : 75 dB(A)
Between 9 P.M. to 6 A.M. : 70 dB(A)

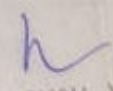
F) **IMPORTANT NOTE :**

1. This letter is issued to enable the applicant to be eligible for plot/shed allotment, M.A. permission, sanction of full amount of financial loan/assurances. Based on this letter the applicant/entrepreneur is also eligible for the receipt of financial assistance to the extent of 25 % of the total project cost; so that the pollution control facilities can be installed prior to or simultaneously with the implementation of the main project.

The Board will issue another letter to the applicant/entrepreneur certifying the completion of pollution control equipment/systems after carrying out inspection in this regard to enable him to be eligible for the receipt of the rest of the sanctioned funds from the financial institutions.

3. The applicant/entrepreneur shall be required to obtain the following from the Board prior to commencement of production :
 - a) Consent under the Water (Prevention and Control of Pollution) Act-1974;
 - b) Consent under the Air (Prevention and Control of Pollution) Act-1986;
 - c) Authorisation under the Hazardous Wastes (Management and Handling) Rules-1989 under the Environment (Protection) Act-1986.
4. If the Kalpsav project will be commissioned from the unit has to shift the plant from this site.

For and behalf of
GUJARAT POLLUTION CONTROL BOARD
Yours Faithfully


(R.G. SHAH)
ENVIRONMENTAL ENGINEER

COPY TO :


1. The Regional Officer, G.P.C. Board, Baroda.
2. Unit : 4.

Annexure-3

Consent to Operate under Air Act, 1981 vide Order No. 10671 dated Sept. 16, 1998

Gujarat Pollution Control Board
Paryavaran Bhavan Sector-10-A, GANDHINAGAR-382043.
Phone : 22756, 22095, 22096 Gram : CLEANWATER
Fax : (02712) 22784

Recd
2/11/98



U.P.C.

CONSENT ORDER NO. 10671

Consent for operation of the plant under Section 21 of the Air (Prevention and Control of Pollution) Act-1981.

With reference to the consent application No. 22262 vide letter No.NIL, dated 9/7/98 and subsequent correspondence, CONSENT is hereby granted under Section 21 of the Air (Prevention and Control of Pollution) Act-1981 (hereinafter referred to as the Act) and the Rules made thereunder to M/s. S.M. INDUSTRIES., (hereinafter referred to as the 'applicant') authorising them to operate their industrial plants located at PLOT NO. 192/4, VILLAGE. SOKHADA, TA. KHAMBHAT, DIST. ANAND in the Air Pollution Control Areas notified, subject to the conditions stated below :-

- The consent order is valid up to 30/9/99 to operate industrial plant for the manufacture of following products :

PRODUCTS	QUANTITY
ACID YELLOW: 24	
ACID SCARLET-3R	
ACID FAST RED-A	5 MT/MONTH
ACID ORANGE	
ACID YELLOW-17 AND 23	
ACID BLACK-108X	
- The following shall be used as fuel in boiler.

NAME OF FUEL	QUANTITY
WOOD	10 MT/M
- The flue gas emission through stack attached to boiler/furnace shall conform to the following standards :

STACK NO.	STACK ATTACHED TO	STACK HEIGHT IN METER	PARAMETER	PERMISSIBLE LIMIT
1.	NON-IBR	12	PARTICULATE	
	BABY BOILER		MATTER	150 mg/NM ³
			SO ₂	100 ppm
			NO _x	50 ppm
- There shall be no process emission from manufacturing process & other ancilliary operation.
- The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder.

PARAMETER	PERMISSIBLE LIMIT
SUSPENDED PARTICULATE MATTER	200 MICROGRAM PER CUBIC METER
OXIDES OF SULPHUR	80 MICROGRAM PER CUBIC METER
OXIDES OF NITROGEN	80 MICROGRAM PER CUBIC METER

Gujarat Pollution Control Board

Paryavaran Bhavan Sector-10-A, GANDHINAGAR 382043
Phone : 22756, 22095, 22096 Gram : CLEANWATER
Fax : (02712) 22784



6. The applicant shall operate air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified in condition no.3 above.
7. The consent to operate the industrial plant shall lapse if at any time the parameters of the gaseous emission are not within the tolerance limits specified in the condition no.3 above.
8. The applicant shall at his own cost get samples of emissions collected and analysed from an approved laboratory thrice in a year for the parameters indicated in condition no.4 and 5 and shall submit in duplicate the report there of to the Board by the 10th of the succeeding month. The applicant shall also maintain records of the analytical results properly and shall keep these records/charts open for inspection.
9. The applicant shall have to make necessary arrangements like port hole and platform with stacks/vents for sampling of gaseous emission for the analysis of various parameters stated in condition no. 3 above.
10. The industrial plant, air pollution control systems and stack monitoring systems employed by the applicant shall be open for inspection to this Board at any time.
11. The applicant shall also comply with the General Conditions given in Annexure-I.
12. In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor should immediately be intimated to the Board.

PENAL PROVISIONS :- If the applicant fails to comply with the conditions of this order and other directives issued by the Board he is liable for prosecution under Section 37,38,39 and other penal provisions of the Act.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

(A.N.SHAH)
ENVIRONMENTAL ENGINEER

16 SEP 1998

NQ:PC/AIR/KH-33/ 38655
ISSUED TO :
✓ M/s. S.M.INDUSTRIES.,
PLOT NO. 192/4,
VILLAGE. SOKHADA,
TA. KHAMBHAT,
DIST. ANAND.

Annexure-4

Consent to operate under Water Act, 1974 vide Order No. 15851 dated Sept. 21, 1998

Gujarat Pollution Control Board
Paryavaran Bhavan Sector-10-A, GANDHINAGAR-382043.
Phone : 22756, 22095, 22096 Gram : CLEANWATER
Fax : (02712) 22784

R.P.A.D.

Consent Order NO.: 15851

IN EXERCISE of the powers conferred by Section 26 read with Subsections (1) & (4) of Section 25 of the Water (Prevention and Control of Pollution) Act-1974 (hereinafter referred to as the 'Act') the consent is granted with reference to their application No. 23807 to M/s. S. H. INDUSTRIES (hereinafter referred to as the 'applicant') for the use of the existing/new for the discharge of effluent from their industrial plant located at PLOT NO. 192/4, VILL. SOKHADA, TA. KHAMBHAT, DIST. KHEDA subject to the following conditions :

- The Consent is valid upto 30/09/99 for the discharge of effluent arising as a result of the manufacture of the following items:

ITEM	CAPACITY
ACID YELLOW 24	5 MT/MONTH
ACID SCARLET 3R	
ACID FAST RED A	
ACID ORANGE	
ACID YELLOW - 17	
ACID YELLOW - 23	
ACID BLACK 10 BX	
- Quantity of the industrial effluent shall not exceed 8200 lit/day.
- Quantity of the sewage shall not exceed 300 lit/day.
- The industrial effluent shall conform to the following standards :

(A) Compulsary Parameters	
<u>PARAMETERS</u>	<u>PERMISSIBLE LIMIT</u>
PH	6.5 to 8.5
Oil & Grease	10 mg/l
BOD	100 mg/l
Bio - assay test:	90% Survival of fish after 96 hours in 100 % effluent
Total Suspended Solids	2100 mg/l
(B) Additional Parameters	
Sulphides	2.0 mg/l
Cyanides	0.2 mg/l
Hexavalent Chromium	0.1 mg/l
Total Chromium	2.0 mg/l
Copper	2 mg/l
Nickel	3 mg/l
Zinc	5 mg/l

Gujarat Pollution Control Board

Paryavaran Bhavan Sector-10-A, GANDHINAGAR-382043

Phone : 22756, 22095, 22096 Gram : CLEANWATER

Fax : (02712) 22784

Mercury
Lead
Arsenic

..2..

0.01 mg/l
0.1 mg/l
0.2 mg/l



Note :

If the COD in atreated effluent is persistently greater than 250 mg/l. You are required to identify chemicals causing the same. In case these are found to be toxic as defined in Hazardous Chemicals Rules, 1989 in Part- I of Schedule - I, You are required to install tertiary treatment system within three months.

5. The effluent conforming to the above standards shall be discharged through underground drainage system and shall ultimately be conveyed to estuary of **Gulf of Combay** for final disposal.
6. All the effluent treatment units shall be operated and maintained efficiently so that the treated effluent always conforms to the specifications referred in condition no.4 above.
7. Sewage shall be disposed of through septic tank/soak pit system or it shall be treated alongwith industrial effluent or it shall be treated separately to conform to the following standards and utilised on land for irrigation/plantation.

BOD (5 days at 20 ° C)	Less than 20 mg/l
Suspended Solids	Less than 30 mg/l
Residual Chlorine	minimum 0.5 ppm
8. In order to enable the Board to perform its functions of ascertaining the standards of effluent laid down by it for the discharge of the effluent under the condition no.4 of this order are complied with by the Company while causing discharge of effluent, the applicant shall have to submit every month the analysis report of the samples of effluent got collected and analysed by one of the laboratories recognised by the State Board.
9. The Environmental management unit/cell to ensure implementation and monitoring of environmental safeguards & other conditions stipulated by this Board & statutory authorities. The Environmental Mngement Cell/ Unit shall directly report to the Chief Executive of the organisation and shall work as a focal point for internalising environmental issues. These cells/ units also coordinate the exercise of environmental audit and preparation of environmental sttements.

Gujarat Pollution Control Board

Paryavaran Bhavan Sector-10-A, GANDHINAGAR-382043

Phone : 22756, 22095, 22096 Gram : CLEANWATER

Fax : (02712) 22784

...3...



10. The Environmental audit shall be carried out yearly and the environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th September every year.
11. The applicant shall also comply with the General Conditions as per Annexure - I enclosed.
12. The Board reserves the right to review and/or revoke the consent and/or make variations in the conditions which the Board deems fit in accordance with Section 27 of the Act.
13. In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor should immediately be intimated to the Board.
14. The consent to operate the industrial plant shall lapse if at any time the parameters of the liquid effluent are not within the tolerance limit specified in the condition no. 4 above.

PENALTY PROVISIONS : If the applicant fails to comply with the conditions and other directives issued by this Board as laid down in this order, the applicant is liable for prosecution under Section 43 & 44 and other penal provisions of the Act and shall on conviction, be liable for punishment and imprisonment as provided in the said Act.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

A.N. Shah
(A.N. SHAH)
ENVIRONMENTAL ENGINEER

NO. PC/KH-385/ 33524
ISSUED TO :
M/s. S. M. INDUSTRIES,
PLOT NO. 192/4,
VILL. SOKHDA,
TA : KHAMBHAT - 388 620
DIST. KHEDA

21 SEP 1998

2. CTO for 15 TPM obtained from GPCB, Gandhinagar vide Consent Order No. AWH-92678 dated 01/05/2018

We had applied for CTE for production of 15 TPM dated 16/11/2015 and were issued CTE on 21/03/2016 and hence the quantity mentioned in CTE was considered for the EC application. We applied for CC&A on 12/03/2018 for the same and were issued on 01/05/2018 vide Consent Order No: AWH-92678. Hence the unit manufactures Azo Dyes (Crude) @ 5 MT/ Month and azo dyes are blended & grinded after purchase from the market @ 10 MT/Month. Hence the expansion from 15 MT/Month to 100 MT/Month is justifiable.



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

Phone : (079) 23222425

(079) 23232152

Fax : (079) 23232156

Website : www.gpcb.gov.in

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution) Act-1981 and Authorization under rule 3(c) & 6(2) of the Hazardous Waste (Management Handling and Transboundary Movement) Rules'2016, framed under the E (P) Act-1986.

And whereas Board has received on line consolidated application Inward ID No: 135055 dated 12/03/2018 for the consolidated consent and authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts Consent & Authorization is hereby granted as under.

CONSENT AND AUTHORISATION:

(Under the provisions / rules of the aforesaid environmental acts)

To,
M/s. S.M. Industries ,
Plot No: 192/4,
Village: Sokhada,
Ta : Khambhat,
Dist: Anand - 388 620.

1. Consent Order No: AWH-92678 Date of Issue: 01/05/2018
2. The consents shall be valid up to 11/03/2023 for use of outlet for the discharge of trade effluent and emission due to operation of industrial plant for manufacture of the following items / products:

Sr. No.	Product	Quantity
1.	AZO Dyes (Crude)- manufacturing	05 MT/Month
2.	AZO Dyes (Blending & grinding) Azodyes product purchase from market	10 MT/Month

Specific Condition :

- The quantity of water consumption from ground water strata shall not exceeded 4.6 KL/Day by with drawl of ground water, you shall obtained NOC/Permission from Central Ground Water Authority (CGWA) & Submit.

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- Applicant shall not manufacture "Azo dyes (Crude)" as product more than 5 TPM and shall maintain records thereof.

3.0 CONDITIONS UNDER THE WATER ACT:

- 3.1 The Total generation of industrial effluent from the manufacturing process and other ancillary industrial Operations shall be 3.3 KLPD.
- 3.2 Generated industrial effluent after treatment into ETP shall be send to vaccum evaporator and after saturation of ETP, effluent shall be send to spray dryer within premises. Thus achieve Zero Liquid Discharge.
- 3.3 Applicant shall provide fix pipe line network along with separate flow meter for the reuse of treated effluent within factory premises & maintain records thereof.
- 3.4 The quantity of domestic sewage effluent from the factory shall not exceed 0.3 KLPD.
- 3.5 Domestic effluent shall be disposed off through septic Tank/Soak pit system or it shall treat separately to conform to the following standards.

Parameter	Permissible Limit
BOD (3 days at 27° C)	Less than 20 mg/l
Suspended Solids	Less than 30 mg/l
Residual Chlorine	Minimum 0.5 ppm

4.0 CONDITIONS UNDER THE AIR ACT:

- 4.1 Following shall be used as a fuel:

Sr. No.	Fuel	Quantity
1.	Agro Waste /Bio fuel	30 MT/Month

- 4.2 The applicant shall install & operate air pollution control system in order to achieve norms prescribed below.

- 4.3 The flue gas emission through stack shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	APCM	Parameter	Permissible Limit
1.	Hot Air Generator	12 M (from G.L.)	Dust Collector	Particulate Matter	150 mg/NM ³
2.	IBR Boiler	12 M (form GL.)	Multi Cyclone Dust Collector	SO ₂ NO _x	100 ppm 50 ppm

- 4.4 The process emission through various stacks/vents of Spray Dryer shall conform to the following standards as per GPCB Norms:

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GPCB

Stack No.	Stack attached to	Stack height in Meter	APCM	Parameter	Permissible Limit
1.	Spray Dryer (Cap. 9010 Lit/hr) with Hot Air Generator.	11	Cyclone Separator Followed by wet Scrubber	Particulate Matter	150 mg/NM ³

Website : www.gpcb.gov.in

- 4.5 Ambient air quality within the premises of the industry shall conform to the following standards:-

PARAMETERS	PERMISSIBLE LIMIT	
	Annual	24 Hrs Average
Particulate Matter-10 (PM ₁₀)	60 Microgram/M ³	100 Microgram/M ³
Particulate Matter- 2.5 (PM _{2.5})	40 Microgram/M ³	60 Microgram/M ³
SO ₂	50 Microgram/M ³	80 Microgram/M ³
NO _x	40 Microgram/M ³	80 Microgram/M ³

- Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.
 - 24 hourly or 08 hourly or 01 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.
- 4.5 The applicant shall operate industrial plant / air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified in condition no.4.3 and 4.5 as above.
- 4.6 The consent to operate the industrial plant shall lapse if at any time the parameters of the gaseous emission are not within the tolerance limits specified in the condition no.4.3 and 4.5 as above.
- 4.7 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted /displayed to facilitate identification.
- 4.8 The Industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

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- 4.9 The applicant shall at his own cost get samples of ambient air quality collected & analyzed from an approved laboratory once in three months for the parameters indicated in condition No. 4.5 and shall submit in duplicate the report there of to the Board by the 10th of the succeeding month. The applicant shall also maintain records of the analytical results properly and shall keep these records/charts open for inspection.
- 4.10 In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor should be immediately be intimated to the Board.
5. Authorization for the [Management, Transboundry Movement of Hazardous and other Waste Form-2 (See rule 6 (2) for grant of Authorization for occupier or Operator Hazardous and other Waste Rules – 2016.
- 5.1 M/s. S. M. Industries, is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at Plot No: 192/4, Village: Sokhada, Ta: Khambhat, Dist: Anand

Sr. No.	Waste	Quantity	Schedule	Facility
1.	ETP Sludge	5 MT/Year	I-35.3	Collection, Storage, and transportation & disposal at authorized TSDF site of M/S NECL, Nandesari.

5.2 TERMS AND CONDITIONS OF AUTHORISATION:

- 5.2.1 The applicant shall comply with the provisions of the Environment (Protection) Act - 1986 and the rules made there under.
- 5.2.2 The authorization shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
- 5.2.3 Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.
- 5.2.4 An application for the renewal of an authorization shall be made as laid down in rule 5 (7) (ii).
- 5.2.5 Industry shall submit annual report within 15 days and sub squinty by 31st January every year.

6. GENERAL CONDITIONS:

- 6.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.

Outward No: 31/03/2019



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- 6.2 The waste generator shall be totally responsible for collection, storage, transportation and ultimate disposal of the waste generated.
- 6.3 In case of any accident, details of the same shall be submitted in Form - 5 to Gujarat Pollution control Board.
- 6.4 As per "Public Liability Insurance Act - 91" company shall get insurance policy, if applicable.
- 6.5 Empty drums and containers of toxic and hazardous material shall be treated as per the guidelines published for "Management & Handling of discarded containers". Record of the same shall be maintained and forwarded to Gujarat Pollution Control Board regularly.
- 6.6 Unit shall take all concrete measures to show tangible results in waste generation reduction avoidance, reuse and recycle. Action taken in this regard shall be submitted within 03 months and also along with Form - 4.
- 6.7 Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Hon. Supreme Court's order in W.P. No: 657 dated 14th October 2003.

For and on behalf of
Gujarat Pollution Control Board


(Dipali Tank)
Unit Head

Date:

NO.GPCB/CCA-AND-94(2)/ID: 17608/
Issued To,
M/s. S. M. Industries,
Plot No: 192/4,
Village: Sokhada,
Ta: Khambhat, Dist: Anand.

Outward No: 456988, 31/05/2018

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