- **For Amendment – Terms of Reference [ToR]**

1. **Earlier ToR letter no. and Date:**
   TOR letter no.: SEIAA/GUJ/TOR/5(f)&1(d)/905/2017 dated 12/10/2017
   TOR-Amendment letter no.: SEIAA/GUJ/TOR/5(f)&1(d)/490/2018 dated 17/05/2018
2. **Basic Information of the Project:**

i	**Name & Address of the Project site** (Complete details with plot no./Survey no., Landmark etc.)	M/s. Colourtex Industries Pvt. Ltd. (Unit-1) Block Nos. 272/P, 273/P, 274, 278/P, 283/P, 284/P, 285 to 288, 294 to 297, 310, Plot Nos. 288/1, 288/2, 289/1, 289/2, 8108/2, 364, 801, 268/3 GIDC Sachin, Dist. Surat - 394 230
ii	Name of the Applicant	Mr. Kirit G. Gandhi
iii	**Address** for correspondence	M/s. Colourtex Industries Pvt. Ltd. Plot No.158/-3, GIDC Estate, Pandesara, Dist: Surat, Gujarat – 394 221
iv	Contact no. and e-mail ID of the Applicant	Mo. no. : +919825056865
		e-Mail: kirit.gandhi@colourtex.co.in ashish.pathak@colourtex.co.in
v	**Aerial distance** of nearest Habitat (KM)	0.5 Km
vi	Longitude & Latitude of the Project Site: (4 corners of the site)	Lat.: 21° 6'21.60"N &Long.: 72°51'2.38"E Lat.: 21° 6'11.42"N & Long.: 72°50'43.71"E Lat.: 21° 6'1.42"N &Long.: 72°50'58.76"E Lat.: 21° 6'9.37"N &Long.: 72°51'16.98"E
vii	**Category** as per the Schedule to the EIA Notification 2006 i.e. 1(d), 2(b), 5(f) etc.	5(f) **Sub-Category:**
viii	**Applicability of General Conditions of EIA Notification 2006:** i.e. Ensure that (1) Protected areas notified under the Wildlife (Protection) Act, 1972; (2) CEPI areas (3) Eco-sensitive areas and (4) Inter-state boundaries and international boundaries; are not located within 5 km or 10 km (as the case may be) area from the boundary of the proposed site.	Not Applicable

3. Online application reg. :

a) Date of SEAC/EAC meeting for recommendation to grant TOR:	For TOR: 13/09/2017 For TOR-Amendment: 14/03/2018
b) Online application proposal no. : c) (For ToR Amendment)	SIA/GJ/IND2/28248/2017
d) ToR issued by SEIAA/MoEFCC: Letter no & date.	**TOR:** SEIAA/GUJ/TOR/5(f)&1(d)/905/2017 dated 12/10/2017 **TOR-Amendment-** SEIAA/GUJ/TOR/5(f)&1(d)/490/2018 dated 17/05/2018
e) Date of presentation for Appraisal:	For TOR: 13/09/2017 For TOR-Amendment: 14/03/2018

4. Details regarding proposed changes in ToR :

Sr. no.	Condition no. in which changes proposed	As per TOR	As per proposed amendment	Justification
1	VIII (as per TOR-Amendment granted on 17/05/2018)	This is an existing unit engaged in Synthetic Organic Chemicals [Dyes and Intermediates] and now proposes for expansion as tabulated below. Please refer point VIII for Product List as per TOR-Amendment granted on 17/05/2018	This is an existing unit engaged in Synthetic Organic Chemicals [Dyes and Intermediates] and now proposes for expansion. Please refer point 5 for Product List to be Amended.	Considering the market scenario, we have amended Product List. In addition to that we have also purchased a new Plot No. 268/3 adjacent to our existing premises
2	A of XI (as per TOR-Amendment granted on 17/05/2018)	Salient feature of the project is been given below. Total cost of Proposed Project (Rs. in Crores): Existing:354.98 Proposed:73 Total:427.98	Salient feature of the project is been given below Total cost of Proposed Project (Rs. in Crores): Existing:427.98 (As per TOR-Amendment Granted) Proposed:128.74 Total:556.72	Due to increase in production capacity and inclusion of new plot, there will be change in project cost.
3	B of XI (as per TOR-Amendment granted on 17/05/2018)	Total plot area (sq. mt) Existing:278646.83 Proposed:15677.17 Total:294324	Total plot area (sq. mt) Existing: 294324 (As per TOR-Amendment Granted) Proposed:9750 Total: 304074	Due to inclusion of new plot, there will be change in total plot area.

<table>
<tr>
<td></td>
<td></td>
<td>
<table>
<tr><td>Green belt area/ tree plantation area (sq.mt)</td><td>Existing: 27500
Proposed:4250
Total: 31750</td></tr>
</table>
The company has also developed green belt of 2620 m^2 at group companies own water reservoir site.
</td>
<td>
<table>
<tr><td>Green belt area/ tree plantation area (sq.mt)</td><td>Existing: 31500
Proposed:1100
Total: 32600</td></tr>
</table>
The company has also developed green belt of 39720 m^2 at group companies own water reservoir site.
</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>C of XI (as per TOR-Amendment granted on 17/05/2018)</td>
<td>Employment Generation

Existing:1850
Proposed:160
Total:2010</td>
<td>Employment Generation

Existing:2010 (As per TOR-Amendment Granted)
Proposed:100
Total:2110</td>
<td>There will be change in employment generation due to change in production capacity.</td>
</tr>
<tr>
<td>5</td>
<td>ii of D of XI (as per TOR-Amendment granted on 17/05/2018)</td>
<td>Water Consumption (KLD)
<table>
<tr><th></th><th>Existing KLD</th><th>Proposed (Additional) KLD</th><th>Total after Expansion KLD</th></tr>
<tr><td>(A) Domestic</td><td>125</td><td>25</td><td>150</td></tr>
<tr><td>(B) Gardening</td><td></td><td></td><td></td></tr>
<tr><td>(C) Industrial</td><td></td><td></td><td></td></tr>
<tr><td>Process</td><td>7922</td><td>-252</td><td>7670</td></tr>
<tr><td>Washing</td><td>450</td><td>115</td><td>565</td></tr>
<tr><td>Boiler</td><td>1063*</td><td>377</td><td>1440*</td></tr>
<tr><td>Cooling</td><td>375</td><td>885</td><td>960</td></tr>
<tr><td>Others</td><td></td><td></td><td></td></tr>
<tr><td>Grand Total (A+B+C)</td><td>9935</td><td>850</td><td>10785</td></tr>
</table>
*200 KL/day Steam is also supplied to CTX Lifesciences Pvt. Ltd., Sister concern</td>
<td>Please refer point no. ii of D of 8 of salient features of the project for amendment in Water Consumption.</td>
<td>There will be change in water consumption due to change in production capacity.</td>
</tr>
<tr>
<td>6</td>
<td>iii of D of XI (as per TOR-Amendment granted on 17/05/2018)</td>
<td>Wastewater Generation (KLD)
<table>
<tr><th></th><th>Existing KLD</th><th>Proposed (Additional) KLD</th><th>Total after Expansion KLD</th></tr>
<tr><td>(A) Domestic</td><td>119</td><td>24</td><td>143</td></tr>
<tr><td>(B) Industrial</td><td></td><td></td><td></td></tr>
<tr><td>Process</td><td>7379 + 436**</td><td>-609 + 59**</td><td>6770 + 495**</td></tr>
<tr><td>Washing</td><td>440</td><td>110</td><td>550</td></tr>
<tr><td>Boiler</td><td>805</td><td>357</td><td>1162</td></tr>
<tr><td>Cooling</td><td>42</td><td>58</td><td>100</td></tr>
<tr><td>Others</td><td></td><td></td><td></td></tr>
<tr><td>Grand Total (A+B+C)</td><td>8785 + 436**</td><td>-60 + 59**</td><td>8725 + 495**</td></tr>
</table>
8725 KL/day Low COD wastewater of Colourtex Industries Pvt. Ltd. (Unit-1) and 818 KL/day low COD wastewater of CTX Lifesciences Pvt. Ltd. will be treated in the Effluent Treatment Plant located</td>
<td>Please refer point no. iii of D of 8 of salient features of the project for amendment in Wastewater generation.</td>
<td>There will be change in wastewater generation due to due to change in production capacity.</td>
</tr>
</table>

		at Colourtex Industries Pvt. Ltd. (Unit-1). ** 495 KL/day high COD wastewater of Colourtex Industries Pvt. Ltd. (Unit-1) and 34.5 KL/day high COD wastewater of CTX Lifesciences Pvt. Ltd. will be treated in the Multiple Effects Evaporator & Spray Dryer/ Liquid Waste Incinerator at Colourtex Industries Pvt. Ltd. (Unit-1).		
7	i of E of XI (as per TOR-Amendment granted on 17/05/2018)	Flue gas emission details Please refer point (i) of E of XI for details of Flue gas stacks as per TOR-Amendment granted on 17/05/2018.	Flue gas emission details Two additional Flue Gas stacks will be included. Please refer point no. (i) of E of 8 of salient features of the project for details of Flue gas stacks to be amended.	There will be change in Flue gas stack details and Fuel consumption due to change in production capacity.
8	ii of E of XI (as per TOR-Amendment granted on 17/05/2018)	Process gas i.e. type of pollutant gases Please refer point (ii) of E of XI for details of Process gas as per TOR-Amendment granted on 17/05/2018.	Process gas i.e. type of pollutant gases Nine additional process vents will be included. Please refer point no. (ii) of E of 8 of salient features of the project for details of Process gas to be amended.	There will be change in process vents due to due to change in production capacity.
9	F of XI (as per TOR-Amendment granted on 17/05/2018)	Hazardous waste Please refer point no. E of XI for details of hazardous waste as per TOR-Amendment granted on 17/05/2018.	Hazardous waste Please refer point no. E of 8 of salient features of the project for details of hazardous waste to be amended.	There will be change in hazardous waste generation due to due to change in production capacity.

5. Product profile: (As per ToR)

Sr. No.	Name of the Products	CAS no.	Quantity in MT/Month			End-use of products
			Quantity As per TOR Amendment granted on 17/05/2018	Change in Quantity	Total Quantity	
1.0	**Dyes**					
1.1	**Synthetic Organic Dyes-1** • Azo Disperse Dyes 1(A1+A2) • Azo Acid & Solvent Dyes	**Refer Annexure-1 for the CAS No. of Product.**	**2550**	**350**	**2900**	**Colourization of Textiles & Polymers**
1.2	**Synthetic Organic Dyes-2** Azo Disperse Dyes –2(A3)		**100**	**-100**	**0**	
1.3	**Synthetic Organic Dyes-3** Anthraquinone Disperse Dyes & Vat Dyes		**50**	**-50**	**0**	
1.4	**Synthetic Organic Dyes-4** • Anthraquinone Acid & Solvent Dyes		**25**	**0**	**25**	

1.5	**Synthetic Organic Dyes-5** • Azo Reactive Dyes-1	**Refer Annexure -1 for the CAS No. of Product.**	**1000**	**-300**	**700**	
	• Solvent Dyes for Automotive		**200**	**0**	**200**	**Colourization of Petoleum Products & Waxes**
1.6	**Synthetic Organic Dyes-7** Azo Reactive Dyes-2**		**3500**	**0**	**3500**	**Colourization of Textiles & Polymers**
1.7	**Synthetic Organic Dyes-8** Azo Reactive Dyes-3		**400**	**-200**	**200**	
	Total		**7825**	**-300**	**7525**	
2.0	**Intermediates**					
2.1	**Ethoxylated and Acetylated Tertiary Amines** (CI-101, CI-108, CI-182, CI-101A, CI-108A, CI-105, CI-104, CI-113, CI-182A, CI-307, CI-313, CI-203, CI-102)	**Refer Annexure -1 for the CAS No. of Product.**	**600**	**300**	**900**	**Manufacturing of Dyes**
2.2	**Cyanoethylated Amines (**NCEA, CEMAA, CAMA, NCENEA, CI-107, CI-208)		**150**	**150**	**300**	
2.3	**Textile Auxiliaries, Binders, Fixtures** **(Non Ionic/Anionic/ Cationic/ & their Blends)** (e.g. P-400, L.C. DFT, L.C. PC, L.C. HTS, L.C. NID, L.C. NOD, L.C. TFL, L.C. SCR, L.C. ASD, L.C. PES, L.C. KBI, L.C. DDO, L.C. D 45, L.C. CE, L.C. SO 600, L.C. SR 16, L.C. FBOL, L.C. LSF, L.C. CTPC, L.C. SMK LC SWL, L.C. SDBL, L.C. PB, L.C. OA, FX, WET, NZ, LCS, Adr, CRL, VI, TEA, T-96, SQ, Levofin IS, Levofin BS, LFD, FBSE, ELA, 4398, BDLS, Esr, LV, L.C.DSS, L.C.LA, L.C.MDF, L.C.CAN, L.C.C-DFX, L.C.ECA, L.C.DFL, L.C.SAR, MB070, MB030).		**4000**	**0**	**4000**	**Textile Processing**
2.4	**Textile Finishing Chemical****		**150**	**0**	**150**	**Textile Finishing**
2.5	**Primary Amine** (Para Nitro Aniline, Meta Nitro Aniline, 2 Chloro 4 Nitro Aniline, Meta chloro Aniline, Para Anisidine, 3 Amino 4 Methoxy Acetanilide, Meta Aminio Acetanilide, DCPNA, 6 Br DNA, 6CL DNA, DB PNA, 2:6 DBPT, Metanilic Acid, MPDDSA, MAP, MAMS, CI-4102, CI-4006, CI-1010, CI-188, CBPNA, MUA,		**300**	**300**	**600**	**Manufacturing of Dyes**

	BDSA,CNBPNA))					
2.6	**Anthraquinone Intermediates**	**Refer Annexure -1 for the CAS No. of Product.**	**75**	**-75**	**0**	**Manufacturing of Dyes**
2.7	**Benzanthrone**		**50**	**0**	**50**	
2.8	**Ethylated Tertiary Amines**		**400**	**-100**	**300**	
2.9	**Quinoline** (Dioxy Quinoline, Hydroxy Methyl Quinoline, 3-Hydroxy Quinoline)		**0**	**30**	**30**	
2.10	**Pyridone derivatives**(Butyl Pyridone, Methyl Pyridone, Ethyl Pyridone, Dichloro Pyridines, ECA, MDN)/ Alkylated Amino Pyridine		**50**	**0**	**50**	
2.11	**Optical Whitener (Optical Brightening Agent/ OBA)**		**300**	**0**	**300**	
2.12	**Dispersing Agent SCS/045/CS-28/ MN/MF****		**350**	**650**	**1000**	
2.13	**Disperse DDP****		**1000**	**1000**	**2000**	
2.14	**Naphthalene Derivatives (H-Acid, J-Acid, G Salt, Amido G Salt, K-Acid, Gamma Acid, NMJ Acid)**		**400**	**0**	**400**	
2.15	**Vinyl Sulphone Derivatives (Para Base Vinyl Sulphone Ester, VS, Sulpho OAVS, OAVS, PCVS, Sulpho VS, m-Base VS, O-Base VS)**		**800**	**0**	**800**	
2.16	**D.A.S.A.**		**20**	**0**	**20**	
2.17	**2 NAPDSA**		**10**	**0**	**10**	
2.18	**4 NAPDSA**		**8**	**0**	**8**	
2.19	**F.C. Acid**		**5**	**0**	**5**	
2.20	**6 ChloroMetanilic Acid**		**10**	**0**	**10**	
2.21	**Nitrosylsulfuric Acid**		**250**	**0**	**250**	
	Total		**8928**	**2255**	**11183**	
3.0	**Ferrous Sulphateincluding Metal/ Mineral Sulfate**	**Refer Annexure -1 for the CAS No. of Product.**	**500**	**0**	**500**	**Treatment**
4.0	**Specialty Chemicals**					
4.1	**Antioxidant/Coating chemicals, Polymer emulsion, Adhesive/ Resins**		**300**	**0**	**300**	**Manufacturing of Dyes & Pigments**
5.1	**Formulation & Spray Drying of Disperse Wet Press Cake**		**1000**	**0**	**1000**	**Colourization of Textiles, Leathers & Polymers**
5.2	**Formulation & Spray Drying of Acid & Reactive Dyes wpc**					
6.1	**Disperse/ Vat Dyes/Pigment Ink Formulation**		200	**0**	**200**	
6.2	**Reactive/Acid/Direct Dyes Ink Formulation**					

**** Zero Discharge Products**

The project falls under Category B of project activity 5 (f) as per the schedule of EIA Notification 2006.

6. Product wise Raw material consumption:

Sr. no.	Name of the Products	Name of the Raw Materials	CAS / CI no. of raw materials.	Quantity MT/Month
1		Refer Annexure-2		

7. Compliance status of the existing project:

Sr. no.	Particulars	Brief Information/Details	Remarks
1	• Earlier EC details • In case of EC not obtained, Copy of CTE & CCA obtained before 14.09.2006,	➢ J-11011/215/2005-IA II (I) Dated 8-02-2006 issued By MoEF ➢ SEIAA/GUJ/EC/5(f)/15/2008 Dated 25-02-2008 Issued By State Level Environment Impact Assessment Authority ➢ SEIAA/GUJ/EC/5(f) & 1(d)/282/2009 Dated 09-11-2009 Issued By State Level Environment Impact Assessment Authority	
2	Compliance of EC conditions	Regularly submitting six monthly compliance of all EC to GPCB & MoEF. Please refer Annexure-6.	
3	Status of inspection by RO-MoEF&CC, Bhopal.i.e. CCR-Certified Compliance Report	-	
4	Status of submission of half yearly returns to concern authorities.	Regularly submitting six monthly compliance of all EC to GPCB & MoEF.	
5	Compliance of existing CC&A	Please refer Annexure-4.	
6	Legal actions/Closure directions/SCN etc. issued by GPCB.	➢ SCN issued vide the letter no. SCN-221470 dated 07/08/2014 Submitted the reply vide the letter dated 11/8/2014 ➢ SCN issued vide the letter no. GPCB/CCA-SRT-311(15) /ID-20632/418513 dated 27/07/2017 Submitted the reply vide the letter dated 4/8/2017. ➢ SCN issued vide the letter no. SCN-452241 dated 19/04/2018 Submitted the reply vide the letter dated 19/4/2018. Please refer Annexure-5.	
7	Any Public Complaints	None	
8	Is there any litigation pending before any court of Law	None	

	against the Project ?		

8. Salient features of the project including Water, Air and Hazardous waste management:

Sr. no.	Particulars	Details
A	Total cost of Proposed Project (Rs. in Crores):	Existing:427.98 (As per TOR-Amendment Granted) Proposed: 128.74 Total:556.72
B	Total Plot area (sq. meter)	Existing: 294324 (As per TOR-Amendment Granted) Proposed:9750 Total: 304074
	Green belt area,/Tree Plantation area (sq. meter)	Existing: 31500 Proposed: 1100 Total: 32600 The company has also developed green belt of 39720 m^2 at group companies Water Reservoir Site.
C	**Employment generation**	
		Existing: 2010 (As per TOR-Amendment Granted) Proposed:100 Total: 2110
D	**Water**	
i	Source of Water Supply (GIDC Bore well, Surface water, Tanker supply r etc...)	➢ Group Company's Own Water Supply Network, which receives water from Kakarapar canal ➢ Notified Area Authority, Sachin
	Status of permission from the concern authority.	We have permission for drawing water from canal. A copy of the same is attached at Annexure-3.
ii	Water consumption (KLD)	

Category	**As per TOR Amendment Granted on 17/5/2018 in KLD**	**Change in Quantity in KLD**	**Total Quantity in KLD**
(A) Domestic	150	10	160
(B) Gardening			
(C) Industrial			
Process	7670	70	7740
Washing	565	0	565
Boiler	1440	-95	1345*
Cooling	960	0	960
Others			
Industrial Total	**10635**	**-25**	**10610**
Total (A + B + C)	**10785**	**-15**	**10770**

*** 200 KL/day Steam is also supplied to CTX Lifesciences Pvt. Ltd., Sister concern.**

iii	Waste water generation (KLD)

-

Category	As per TOR Amendment Granted on 17/5/2018 in KLD	Change in Quantity in KLD	Total Quantity in KLD
(A) Domestic	143	10	153
(B) Industrial			
Process	6770 + 495**	-280 + 402**	6490 + 897**
Washing	550	0	550
Boiler	1162	-452	710
Cooling	100	0	100
Others			
Total Industrial waste water	**8582+ 495****	**-732 + 402****	**7850 + 897****
Grand total	**8725+495****	**-722 + 402****	**8003 + 897****

8003 KL/day Low COD wastewater of Colourtex Industries Pvt. Ltd. (Unit-1) and 818 KL/day low COD wastewater of CTX Lifesciences Pvt. Ltd. will be treated in the Effluent Treatment Plant located at Colourtex Industries Pvt. Ltd. (Unit-1).

** 897 KL/day high COD wastewater of Colourtex Industries Pvt. Ltd. (Unit-1) and 34.5 KL/day high COD wastewater of CTX Lifesciences Pvt. Ltd. will be treated in the Multiple Effects Evaporator & Spray Dryer/ Liquid Waste Incinerator at Colourtex Industries Pvt. Ltd. (Unit-1). MEE condensate will be reused.

iv	Treatment facility with **capacity** (ETP, CETP, MEE, STP, Spray Dryer etc).	ETP: 10,000 m3/day Liquid Waste Incinerator: 8 m3/day MEE : Total MEE Capacity 39.5 m3/day (Feed Capacity)
v	Mode of Disposal & Final meeting point	Domestic: It is treated with industrial effluent in Effluent Treatment Plant (ETP) and discharged in to GIDC drainage pipeline, for ultimate disposal into estuarine of Mindhola river, which flows into the Arabian Sea.
		Industrial: Low COD effluent will be treated in ETP and discharged in to GIDC drainage pipeline, for ultimate disposal into estuarine of Mindhola river, which flows into the Arabian Sea.
vi	In case of Common facility (CF) like CETP, Common Spray dryer, Common MEE etc. , name of CF	Not Applicable
	Membership of Common facility (CF)	Not Applicable
vii	Reuse/Recycle details (KLD)	MEE condensate will be reused.
E	**Air**	
i	Flue gas emission details No. of Boilers/TFH/Furnaces/DG sets etc. with capacities viz. TPH, Kcal/hr, MT/hr, KVA etc.	

EXISTING (AS PER EXISTING CCA & AS PER TOR AMENDMNET GRANTED ON 17/5/2018)							
Sr. No.	**Source of emission with capacity**	**Stack Height in Meter**	**Name of fuel**	**Quantity of fuel**	**Type of emissions i.e. Air Pollutants**	**Air Pollution Control System**	**Emission Standards**

		1	Thermopack-1 (1500 U)	38.125	Natural Gas / Coal	195 NM^3/ hr/ 270 kg/hr	SPM SO2 NOx	Multi Dust Collector & Teema Cyclone	SPM: 150 mg/Nm3 SO2: 100ppm NOx: 50ppm	
		2	Steam Boiler-1 (35 TPH)	42	Coal	6000 Kg/hr		ESP		
		3	Steam Boiler-2 (30 TPH)		Coal	5200 Kg/hr				
		4	Hot Air Generator-1 (45 Lac Kcal/hr)	45	Coal/Lignite	1020 Kg/hr/ 1505 Kg/hr		Multi Dust Collector & Trema Cyclone & ESP		
		5	Hot Air Generator-2 (75 Lac Kcal/hr)		Coal/Lignite	1640 Kg/hr/ 2445 Kg/hr		Multi Dust Collector & Trema Cyclone & ESP		
		6	Hot Air Generator-3 (45 Lac Kcal/hr)		Coal/Lignite	1020 Kg/hr/ 1505 Kg/hr		Multi Dust Collector & Trema Cyclone & ESP		
		7	Liquid Waste Incinerator	40	LDO HSD Bio Diesel	700 lit/hr/ 630 lit/hr/ 630 lit/hr		Mist Eliminator & Ventury Scrubber		
		8	Hot Air Generator-4 (45 Lac Kcal/hr)	45	Coal	1020 Kg/hr		ESP		
		9	Hot Air Generator-5 (75 Lac Kcal/hr)		Coal	1640 Kg/hr		ESP		
		10	Hot Air Generator-6# (80 Lac Kcal/hr)		Coal	1750 Kg/hr		Cyclone		
		11	D.G. Set (380 KVA)	11	HSD	76 lit/hr		-		
		12	D.G. Set (1250 KVA)	11	HSD	265 lit/hr		-		
		13	D.G. Set (1000 KVA)	11	HSD	210 lit/hr		-		
		14	D.G. Set (1250 KVA)	11	HSD	265 lit/hr		-		
		PROPOSED (PROPOSED & AS PER TOR AMENDMNET GRANTED ON 17/5/2018)								
		1	Hot Air Generator-7 (45 Lac Kcal/hr)	45	Coal	1020 Kg/hr	SPM SO2 NOx	ESP	SPM: 150 mg/Nm3 SO2: 100ppm NOx: 50ppm	
		2	Hot Air Generator-8 (75 Lac Kcal/hr)		Coal	1640 Kg/hr		ESP		
		3	HotAir Generator-9# (80 Lac Kcal/hr)		Coal	1750 Kg/hr		Cyclone		
		4	Thermopack-2 (3000 U)	38	Natural Gas /Coal	360 NM^3/ hr/ 720 kg/hr		Multicyclone Separator/ Teema Cyclone		
		5	Thermopack-3 (3000 U)		Natural Gas /Coal	360 NM^3/ hr/ 720 kg/hr		Multicyclone Separator/ Teema Cyclone		

		6	Steam-3 Boiler(70TPH)	40	Coal	12 MT/hr		ESP	
		7	D.G. Set (2000 KVA)	11	HSD	420 lit/hr		-	
		8	D.G. Set (2000 KVA)	11	HSD	420 lit/hr		-	
			(PROPOSED ADDITIONAL)						
		9	Hot Air Generator-10 (45 Lac Kcal/hr)	45	Coal	1020 Kg/hr	SPM SO2 NOx	ESP	SPM: 150 mg/Nm3 SO2: 100ppm NOx: 50ppm
		10	Hot Air Generator-11 (75 Lac Kcal/hr)		Coal	1640 Kg/hr		ESP	

 # Hot Air Generator- 6 & 9 is direct fired & attached to Spray Dryer, which has further Quadruple Cyclone & Ventury Scrubber as Air Pollution Control Measures.

ii Process gas i.e. Type of pollutant gases (SO_2, HCl, NH_3, Cl_2, NO_x etc.)

-

EXISTING (AS PER EXISTING CCA & AS PER TOR AMENDMNET GRANTED ON 17/5/2018)

Sr. no.	Source of emission	Type of emission	Stack/ Vent Height (meter)	Air Pollution Control Measures (APCM)	Emission Standards
1	EO storage area	EO	11	Packed Tower	Traces
2	EO storage area	EO	11	Packed Tower	Traces
3	Reaction Vessel	EO	11	Packed Tower	Traces
4	Reaction Vessel (S3) (Sulfonation& Drowning)	SO_2 HCl	20	Two Stage Alkali Scrubbing System	SO_2: 40 mg/Nm^3 HCl: 20 mg/Nm^3
5	Reaction Vessel (S3)	SO_2 HCl	20	Two Stage Alkali Scrubbing System	SO_2: 40 mg/Nm^3 HCl: 20 mg/Nm^3
6	Reaction Vessel (S4)	SO_2	11	Two Stage Alkali Scrubbing System	SO_2: 40 mg/Nm^3
7	Reaction Vessel (S4)	SO_2	11	Two Stage Alkali Scrubbing System	SO_2: 40 mg/Nm^3
8	Reaction Vessel (S4)	NOx	11	Two Stage Alkali Scrubbing System	NOx: 25 mg/Nm^3
9	Reaction Vessel (S4)	SO_2	11	Two Stage Alkali Scrubbing System	SO_2: 40 mg/Nm^3
10	Reaction Vessel (S4)	NOx	11	Two Stage Alkali Scrubbing System	NOx: 25 mg/Nm^3
11	SFD (S4)	SPM	19.5	Bag Filter	SPM: 150 mg/Nm^3
12	Reaction Vessel (S6)	SO2 HBr Br2	20	Two Stage Alkali Scrubbing System	SO_2: 40 mg/Nm^3 HBr :30 mg/Nm^3 Br2: 2 mg/Nm^3
13	Reaction Vessel (S6)	SO2 HBr Br2	20	Two Stage Alkali Scrubbing System	SO_2: 40 mg/Nm^3 HBr :30 mg/Nm^3 Br2: 2 mg/Nm^3
14	Reaction Vessel (S6)	NH3	11	Water Scrubbing System	NH_3: 175 mg/Nm^3
15	SFD-1 (S6)	SPM	25	Water Scrubber	SPM: 150 mg/Nm^3
16	SFD-2 (S6)	SPM	25	Water Scrubber	SPM: 150 mg/Nm^3
17	Reaction Vessel (S7) (Sulfonation)	SO_2 HCl	19.8	Two Stage Alkali Scrubbing System	SO_2: 40 mg/Nm^3 HCl: 20 mg/Nm^3
18	Reaction Vessel (S7) (Sulfonation)	SO_2 HCl	19.8	Two Stage Alkali Scrubbing System	SO_2: 40 mg/Nm^3 HCl: 20 mg/Nm^3
19	Chlorosulfonation (S2/p)	HCl	11	Two Stage Alkali Scrubbing System	HCl: 20 mg/Nm^3
20	Aminolysis (S2/p)	NH3	25	Water Scrubbing System	NH_3: 175 mg/Nm^3
21	Fluid bed dryer (S8)	SPM	11	Bag filter	SPM: 150 mg/Nm^3

22	Reaction Vessel (S9)	NOx, NH3, HCl	11	Alkali Scrubbing System	NOx: 25 mg/Nm^3 NH_3: 175 mg/Nm^3 HCl: 20 mg/Nm^3
23	Condensator& Chlorinator (S9)	SO2, HCl	11	Alkali Scrubbing System	SO_2: 40 mg/Nm^3 HCl: 20 mg/Nm^3
24	Spray Dryer-1 (S9)	SPM,	38.058	Cyclone & Water Scrubber	SPM: 150 mg/Nm^3
25	Spray Dryer-2 (S9)	SPM,	38.058	Cyclone & Water Scrubber	SPM: 150 mg/Nm^3
26	Spray Dryer-3 (S9)	SPM,	38.058	Cyclone & Water Scrubber	SPM: 150 mg/Nm^3
27	Reaction Vessel (S10)	SO2, HCl NOx, Cl2	11	Two Stage Alkali Scrubbing System	SO_2: 40 mg/Nm^3 HCl: 20 mg/Nm^3 NOx: 25 mg/Nm^3 Cl_2: 9 mg/Nm^3
28	Reaction Vessel (S10)	SO2, HCl NOx, Cl2	11	Two Stage Alkali Scrubbing System	SO_2: 40 mg/Nm^3 HCl: 20 mg/Nm^3 NOx: 25 mg/Nm^3 Cl_2: 9 mg/Nm^3
29	Reaction Vessel (S10)	HCl Cl2	11	Two Stage Alkali Scrubbing System	HCl: 20 mg/Nm^3 Cl_2: 9 mg/Nm^3
30	Reaction Vessel (S10)	HCl Cl2	11	Two Stage Alkali Scrubbing System	HCl: 20 mg/Nm^3 Cl_2: 9 mg/Nm^3
31	Spray Dryer-1 (S10)	SPM, SO_2 NOx	25	Bag Filter	SPM: 150 mg/Nm^3 SO_2: 100 ppm NOx: 50 ppm
32	Neutralizing tank at ETP	SO2, HCl	11	Single Stage Alkali Scrubbing System	SO_2: 40 mg/Nm^3 HCl: 20 mg/Nm^3
33	Spray Dryer	SPM	35	Quadruple Cyclone &Ventury Scrubber	SPM: 150 mg/Nm^3
34	Spray Dryer-4 (S 9)	SPM	40	Cyclone & Water Scrubber	SPM: 150 mg/Nm^3
35	Spray Dryer-2 (S10)	SPM	33	Cyclone & Water Scrubber	SPM: 150 mg/Nm^3
36	Spray Dryer-1 (S13)	SPM	41	Cyclone & Water Scrubber	SPM: 150 mg/Nm^3
37	Spray Dryer-2 (S13)	SPM	41	Cyclone & Water Scrubber	SPM: 150 mg/Nm^3
38	Spray Dryer-3 (S13)	SPM	41	Cyclone & Water Scrubber	SPM: 150 mg/Nm^3
39	Spin Flash Dryer *	SPM	19	Bag Filter	SPM: 150 mg/Nm^3
40	Reaction Vessel* (Diazotization)	SO_2	11	Alkali Scrubbing System	SO_2: 40 mg/Nm^3
41	Reaction Vessel* (Diazotization)	NOx	11	Alkali Scrubbing System	NOx: 25 mg/Nm^3
42	Reaction Vessel* (Diazotization)	SO_2	11	Alkali Scrubbing System	SO_2: 40 mg/Nm^3
43	Reaction Vessel* (Diazotization)	NOx	11	Alkali Scrubbing System	NOx: 25 mg/Nm^3
PROPOSED (PROPOSED & AS PER TOR AMENDMNET GRANTED ON 17/5/2018)					
1	Spray Drier-1	SPM	20	Water scrubber & cyclone.	SPM: 150 mg/Nm^3
2	Spray Drier-2	SPM	20	Water scrubber & cyclone	SPM: 150 mg/Nm^3
3	Spray Drier-3	SPM	20	Water scrubber & cyclone	SPM: 150 mg/Nm^3
4	Spray Drier-4	SPM	20	Water scrubber & cyclone	SPM: 150 mg/Nm^3
5	Spray Drier-5	SPM	20	Water scrubber & cyclone	SPM: 150 mg/Nm^3
6	Spray Drier-6	SPM	35	Quadruple Cyclone &Ventury Scrubber	SPM: 150 mg/Nm^3
7	Spin Flash Dryer	SPM	20	Bag Filter	SPM: 150 mg/Nm^3
8	Spin Flash Dryer	SPM	20	Bag Filter	SPM: 150 mg/Nm^3

	9	Reaction Vessel	SO2, NOx HCl Cl2	11	Alkali Scrubbing System	SO_2: 40 mg/Nm^3 NOx: 25 mg/Nm^3 HCl: 20 mg/Nm^3 Cl_2: 9 mg/Nm^3
	10	Reaction Vessel	SO2, NOx HCl Cl2	11	Alkali Scrubbing System	SO_2: 40 mg/Nm^3 NOx: 25 mg/Nm^3 HCl: 20 mg/Nm^3 Cl_2: 9 mg/Nm^3
	11	Reaction Vessel	SO2, NOx HCl Cl2	11	Alkali Scrubbing System	SO_2: 40 mg/Nm^3 NOx: 25 mg/Nm^3 HCl: 20 mg/Nm^3 Cl_2: 9 mg/Nm^3
	12	Reaction Vessel	SO2, NOx HCl Cl2	11	Alkali Scrubbing System	SO_2: 40 mg/Nm^3 NOx: 25 mg/Nm^3 HCl: 20 mg/Nm^3 Cl_2: 9 mg/Nm^3
	13	Reaction Vessel	EO	11	Packed Tower	Traces
	14	Reaction Vessel	HCl Cl2	11	Alkali Scrubbing System	HCl: 20 mg/Nm^3 Cl_2: 9 mg/Nm^3
	15	Reaction Vessel	HCl Cl2	11	Alkali Scrubbing System	HCl: 20 mg/Nm^3 Cl_2: 9 mg/Nm^3
	16	Reaction Vessel	NOx, NH3, HCl	11	Alkali Scrubbing System	NOx: 25 mg/Nm^3 NH_3: 175 mg/Nm^3 HCl: 20 mg/Nm^3
	17	Condensator& Chlorinator	SO2, HCl	11	Alkali Scrubbing System	SO_2: 40 mg/Nm^3 HCl: 20 mg/Nm^3
	18	Reaction Vessel	SO2, HCl	11	Alkali Scrubbing System	SO_2: 40 mg/Nm^3 HCl: 20 mg/Nm^3
	19	Reaction Vessel	SO2, HCl	11	Alkali Scrubbing System	SO_2: 40 mg/Nm^3 HCl: 20 mg/Nm^3
	(PROPOSED ADDITIONAL)					
	20.	Spray Drier-7	SPM	20	Water scrubber & cyclone.	SPM: 150 mg/Nm^3
	21.	Spray Drier-8	SPM	20	Water scrubber & cyclone.	SPM: 150 mg/Nm^3
	22.	Spray Drier-9	SPM	20	Water scrubber & cyclone.	SPM: 150 mg/Nm^3
	23.	Reaction Vessel	EO	11	Packed Tower	Traces
	24.	Reaction Vessel	EO	11	Packed Tower	Traces
	25.	Reaction Vessel	SO2, HCl	11	Alkali Scrubbing System	SO_2: 40 mg/Nm^3 HCl: 20 mg/Nm^3
	26.	Reaction Vessel	SO2, HCl	11	Alkali Scrubbing System	SO_2: 40 mg/Nm^3 HCl: 20 mg/Nm^3
	27.	Reaction Vessel	HBr Br2	11	Two Stage Alkali Scrubbing System	HBr :30 mg/Nm^3 Br2: 2 mg/Nm^3
	28.	Reaction Vessel	HBr Br2	11	Two Stage Alkali Scrubbing System	HBr :30 mg/Nm^3 Br2: 2 mg/Nm^3

*** As per CTE issued vide the letter no. GPCB/CCA-SRT-311(15)/ID_20632/418510 dated 25/07/2017.**

iii Fugitive emission details with its mitigation measures.
As below:

Following measures are taken to control Fugitive emissions.

1. Process is carried out in closed reactor.
2. Scrubbers are provided to control process emission.
3. For dust emissions, cyclones / bag filter provided.
4. Closed filter equipment like Agitated Nutch Filter (ANF) is used for filtration of Solvent base reaction and subsequently recovery of Solvent is also carried out in close using proper distillation column having primary & secondary heat exchangers to minimize VOC emission.
5. Regular maintenance of valves, pumps, flanges, joints, pipelines and other equipment is done to prevent leakages and thus minimizing the fugitive emissions of VOCs.
6. Overflow system with return line to storage tank from batch tank is provided to prevent

hazardous material overflow.
7. Periodic monitoring of work area is carried out to check fugitive emission.
8. Adequate ventilation is provided.
9. Paved road are provided to minimize road dust emission.
10. Good housekeeping is maintained.
11. Coal handling is carried out in closed loop.

F **Hazardous waste**
(as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.

i

Sr. No.	Type/Name of Hazardous waste	Source of generation	Category and Schedule as per HW Rules.	Quantity in MT/Annum			Method of Disposal
				As per TOR Amendment granted on 17/5/2018	Change in Quantity	Total after Expansion	
1	ETP Sludge	Wastewater Treatment Facility	35.3	54000	-	54000	Sale to Cement Manufacturing Industries in Gujarat & Other States of India (Like Orient Cement, Maharastra & Andrapradesh, Vikram Cement, Madhyapradesh, Ultratech Cement Ltd., Rajashthan Reliance Cement Co. Pvt. Ltd., Butibori etc.) and used for manufacturing of bricks/ disposed off at Group companies own TSDF site Colourtex Industreies Pvt. Ltd.(TSDFSite) / TSDF site of Saurashtra Enviro Project Pvt. Ltd., Bhachau
2	Process Gypsum	Manufacturing Process	26.1	49680	-	49680	
3	Iron Oxide Waste	Manufacturing Process		14652	2700	17352	
4	Organic Sludge	Manufacturing Process		726	306	1032	Transfer at M/s. Colourtex Industries Pvt. Ltd. (Unit-2), Pandesara for Incineration in the Solid Waste / Blending & transfer for Co-processing in the cement kiln of Cement Industries
5	Inorganic Salt	Manufacturing Process		7380	-	7380	Sale/Use as a Raw material in Reactive Dyes/ disposed off at Group companies own TSDF site / TSDF site of Saurashtra Enviro Project Pvt. Ltd., Bhachau..
6	Inorganic Sludge	Manufacturing Process		0	-	0	Disposed off at Group companies own TSDF site / TSDF site of Saurashtra Enviro Project Pvt. Ltd., Bhachau.
7	Incineration Ash	Incinerator	37.2	7200	-	7200	
8	MEE Salt (Inorganic Salt)*	MEE Concentrate after Drying	35.3	18000	25800	43800	
9	Distillation Residue	Manufacturing Process	20.3	4836 + 2685.6 (CTX Lifesciences Pvt. Ltd.) = 7521.6	-912	3924 + 2685.6 (CTX Lifesciences Pvt. Ltd.) = 6609.6	Receive, Collection, Storage, Transportation, Disposal by incineration in the common liquid waste incinerator at M/s. Colourtex Industries Pvt. Ltd. (Unit-1), Sachin as a fuel/Transfer at M/s. Colourtex Industries Pvt. Ltd. (Unit-2) for incineration/Blending& transfer for Co-processing in the cement kiln of Cement Industries.
10	Oily Sludge	Oil & Grease Trap of ETP	35.4	48	-2.4	45.6	Incineration in the own liquid waste incinerator/ transfer at M/s. Colourtex Industries Pvt. Ltd. (Unit-2), Pandesara for incineration in Solid Waste Incinerators

	11	Spent Catalyst	Manufacturing Process	35.2	48	-	48	Send for regeneration
	12	Spent Solvent	Manufacturing Process	20.2	0	-	0	Receive, Collection, Storage, Transportation, Disposal by incineration / Burnt in the common liquid waste incinerator at M/s Colourtex Industries Pvt. Ltd. (Unit-1), Sachin as a fuel/ Sale to Authorized Agency/ Transfer at M/s. Colourtex Industries Pvt. Ltd. (Unit-2) for incineration/ Blending& transfer for Co-processing in the cement kiln of Cement Industries.
		Spent Solvent	Manufacturing Process	28.6	1699.2 (CTX Lifesciences Pvt. Ltd.)	-	1699.2 (CTX Lifesciences Pvt. Ltd.)	
	13	Spent Carbon	Manufacturing Process	36.2	0	-	0	Transfer at M/s. Colourtex Industries Pvt. Ltd. (Unit-2), Pandesara for Incineration in the Solid Waste Incinerators / Blending & transfer for Co-processing in the cement kiln of Cement Industries.
	14	Used Oil	Machineries	5.1	54 + 25.2 (CTX Lifesciences Pvt. Ltd.) = 79.2	-	54 + 25.2 (CTX Lifesciences Pvt. Ltd.) = 79.2	Sale to registered Re-processor / Use for Lubrication within the Industry/ Burnt in the Incinerators at M/s Colourtex Industries Pvt. Ltd. (Unit-1), Sachin as a fuel
	15	Waste/Residues Containing Oil		5.2	6	-	6	Incineration in the Incinerator
	16	Discarded Containers & Barrels	Raw Material/Product Storage	33.1	1260	-	1260	Sale to authorized dealer after decontamination / Reuse after decontamination
		Liners		33.1	300	-	300	Sale to authorized dealer after decontamination / Reuse after decontamination/ transfer for Co-processing in the cement kiln of any Cement Industries.
	17	Spent Acid (Inorganic Acid)	Manufacturing Process	26.3	14400	-	14400	Receive from Colourtex Industries Pvt. Ltd. (Unit-2), Sister Concern and reuse in the process.

ii	Membership details of **TSDF, CHWIF** etc.	Group Companies own TSDF
ii	Details of Non-Hazardous waste & its disposal (MSW and others)	Fly Ash-Disposed by Selling to Brick Manufacturer, Cement Industries, Used for road construction etc.
G	**Solvent management** & VOC emissions etc.	
i	Details of Solvent recovery (As per respective ToR) Types of solvents, Details of Solvent recovery, % recovery. reuse of recovered Solvents	Will be covered in EIA report
ii	VOC emission sources and its mitigation measures	Refer mitigation measures for Fugitive Emission.

9. Details of Environmental Consultant:

Sr. no.	Particulars	Details
i	Name of the Consultant	M/s. Aqua-Air Environmental Engineers Pvt. Ltd., Surat
ii	Contact no. and e-mail ID of the Applicant	Mo. no. : 9099069611
		e-Mail: aqu_eia@yahoo.com
iii	Accreditation for the categories	Stay Order against NABET/QCI
iv	Any other details	

Name & designation

of the Applicant: Kirit G. Gandhi **For Colourtex Industries Pvt. Ltd. (Unit-1)**
General Manager (A &P))

Stamp & Signature of Applicant: **General Manager (A & P)**

Date: 19/09/2018

General Instructions

- Format shall be in WORD Format ***(Font type- Arial, Font size- 11)***
- Provide authenticated (with stamp & Signature) hard copy during presentation.
- Kindly send e-mail to : seacgujarat@gmail.com
- Above data shall be as per application **Form-1 & PFR.**
- Incorporate relevant details in respective column in the Format. Do not attach Annexure except copy of Certificates etc.

ANNEXURE – 1

LIST OF PRODUCTS AND CAS NO.

Sr.No.	Product Name	CAS No.
1.0	**Dyes**	
	Disperse Dyes	
1	Disperse Yellow 4	6407-80-3
2	Disperse Yellow 5	6439-53-8
3	Disperse Yellow 8	6358-49-2
4	Disperse Yellow 11	2478-20-8
5	Disperse Yellow 14	961-68-2
6	Disperse Yellow 16	4314-14-1
7	Disperse Yellow 17	32724-92-8
8	Disperse Yellow 22	23008-56-2
9	Disperse Yellow 26	16611-15-7
10	Disperse Yellow 31	4361-84-6
11	Disperse Yellow 32	71807-47-1
12	Disperse Yellow 33	12223-84-6
13	Disperse Yellow 34	22025-44-1
14	Disperse Yellow 37	5124-25-4
15	Disperse Yellow 42	5124-25-4
16	Disperse Yellow 54	7576-65-0
18	Disperse Yellow 58	12236-30-5
19	Disperse Yellow 59	70660-56-9
20	Disperse Yellow 60	15790-15-5
21	Disperse Yellow 61	4421-21-0
22	Disperse Yellow 63	52673-14-0
23	Disperse Yellow 64	10319-14-9
24	Disperse Yellow 66	12223-87-9
25	Disperse Yellow 67	43099-94-1
26	Disperse Yellow 68	21811-64-3
27	Disperse Yellow 70	12223-91-5
28	Disperse Yellow 71	12223-92-6
29	Disperse Yellow 74	12236-33-8
30	Disperse Yellow 75	12236-34-9
31	Disperse Yellow 76	12217-97-9
32	Disperse Yellow 77	22281-18-1
33	Disperse Yellow 78	12236-35-0
34	Disperse Yellow 79	12236-36-1
35	Disperse Yellow 80	12223-95-9
36	Disperse Yellow 82	27425-55-4
37	Disperse Yellow 83	12270-47-2
38	Disperse Yellow 84	12270-48-3
39	Disperse Yellow 85	61968-62-5
40	Disperse Yellow 86	67338-59-4
41	Disperse Yellow 88	18178-47-7
42	Disperse Yellow 89	12224-00-9
43	Disperse Yellow 90	6684-20-4
44	Disperse Yellow 92	14179-98-7
45	Disperse Yellow 93	41284-31-5
46	Disperse Yellow 96	61968-63-6

Sr.No.	Product Name	CAS No.
47	Disperse Yellow 97	842-07-9
48	Disperse Yellow 99	25857-05-0
49	Disperse Yellow 100	164578-36-3
50	Disperse Yellow 103	61968-65-8
51	Disperse Yellow 105	14121-47-2
52	Disperse Yellow 109	34759-42-7
53	Disperse Yellow 114	61968-66-9
54	Disperse Yellow 118	34613-03-1
55	Disperse Yellow 119	57308-41-5
56	Disperse Yellow 123	82944-35-2
57	Disperse Yellow 124	25744-09-6
58	Disperse Yellow 126	61968-70-5
59	Disperse Yellow 139	71872-57-6
60	Disperse Yellow 160	42757-85-7
61	Disperse Yellow 162	65777-18-6
62	Disperse Yellow 163	67923-43-7
63	Disperse Yellow 165	2097492-02-7
64	Disperse Yellow 179	22176-47-2
65	Disperse Yellow 183	71902-11-9
66	Disperse Yellow 184	71838-87-4
67	Disperse Yellow 184.1	164578-37-4
68	Disperse Yellow 186	28754-28-1
70	Disperse Yellow 198	63439-92-9
71	Disperse Yellow 199	78108-20-0
72	Disperse Yellow 200	87714-26-9
73	Disperse Yellow 201	80748-21-6
74	Disperse Yellow 202	79805-29-1
75	Disperse Yellow 204	51249-07-1
76	Disperse Yellow 210	86836-01-3
77	Disperse Yellow 211	70528-90-4
78	Disperse Yellow 212	94945-24-1
79	Disperse Yellow 216	79805-30-4
80	Disperse Yellow 218	83929-90-2
81	Disperse Yellow 219	49744-25-4
83	Disperse Yellow 226	79044-55-6
84	Disperse Yellow 227	105844-79-9
85	Disperse Yellow 228	75511-31-5
86	Disperse Yellow 229	136959-03-0
87	Disperse Yellow 230	190856-93-0
88	Disperse Yellow 231	75199-13-2
89	Disperse Yellow 232	35773-43-4
90	Disperse Yellow 233	75511-91-0
91	Disperse Yellow 235	177570-98-8
92	Disperse Yellow 236	75511-91-0
93	Disperse Yellow 237	92875-19-9
95	Disperse Yellow 241	83249-52-9
96	Disperse Yellow 242	92875-17-7
97	Disperse Yellow 244	403-190-7
98	Disperse Yellow 245	77889-90-8
99	Disperse Yellow 246	575450-77-0
100	**Disperse Green 9**	58979-46-7

Sr.No.	Product Name	CAS No.
101	Disperse Green 7	71819-65-3
102	**Disperse Orange 5**	6232-56-0
103	Disperse Orange 7	6492-50-8
104	Disperse Orange 8	1338441-31-8
105	Disperse Orange 10	83592-03-4
107	Disperse Orange 13	6253-10-7
108	Disperse Orange 15	6373-69-9
109	Disperse Orange 17	12223-20-0
110	Disperse Orange 19	12223-21-1
111	Disperse Orange 20	23532-29-8
112	Disperse Orange 21	12217-83-3
113	Disperse Orange 24	6925-69-5
114	Disperse Orange 25	31482-56-1
115	Disperse Orange 25.1	31464-38-7
116	Disperse Orange 28	61951-57-3
117	Disperse Orange 29	19800-42-1
118	Disperse Orange 30	5261-31-4
119	Disperse Orange 31	68391-42-4
120	Disperse Orange 32	12236-02-1
121	Disperse Orange 33	61867-93-4
122	Disperse Orange 36	31482-56-1
123	Disperse Orange 38	59948-52-6
124	Disperse Orange 41	12217-05-9
125	Disperse Orange 42	12223-25-5
126	Disperse Orange 43	12217-84-4
127	Disperse Orange 44	4058-30-4
128	Disperse Orange 45	4058-30-4
129	Disperse Orange 46	23355-64-8
130	Disperse Orange 49	12223-29-9
131	Disperse Orange 51	12236-06-5
132	Disperse Orange 52	12223-30-2
133	Disperse Orange 53	38658-94-5
134	Disperse Orange 54	12223-31-3
135	Disperse Orange 55	12270-42-7
136	Disperse Orange 56	67162-11-2
137	Disperse Orange 57	12223-32-4
138	Disperse Orange 60	12270-44-9
139	Disperse Orange 61	55281-26-0
140	Disperse Orange 62	37672-70-1
141	Disperse Orange 63	61968-39-6
142	Disperse Orange 64	71819-41-5
143	Disperse Orange 66	56509-55-8
144	Disperse Orange 71	61847-52-7
145	Disperse Orange 73	40690-89-9
146	Disperse Orange 74	62331-46-8
147	Disperse Orange 78	61968-42-1
148	Disperse Orange 79	66214-54-8
149	Disperse Orange 80	70210-10-5
150	Disperse Orange 86	2097492-86-7
151	Disperse Orange 89	66214-54-8
152	Disperse Orange 95	40690-89-9

Sr.No.	Product Name	CAS No.
153	Disperse Orange 96	64501-19-5
154	Disperse Orange 97	61931-35-9
155	Disperse Orange 98	51923-19-4
156	Disperse Orange 119	88650-96-8
157	Disperse Orange 127	71872-51-0
158	Disperse Orange 128	NA
159	Disperse Orange 129	NA
160	Disperse Orange 138	43047-20-7
161	Disperse Orange 139	77907-26-7
162	Disperse Orange 148	NA
163	Disperse Orange 150	NA
164	Disperse Orange 151	117216-85-0
165	Disperse Orange 152	NA
166	Disperse Orange 153	NA
167	Disperse Orange 154	125934-87-4
168	Disperse Orange 155	1375466-75-3
169	Disperse Red 2	76927-82-7
170	Disperse Red 3	4465-58-1
171	Disperse Red 4	2379-90-0
172	Disperse Red 5	3769-57-1
173	Disperse Red 6	83592-04-5
174	Disperse Red 7	4540-00-5
175	Disperse Red 8	62570-20-1
176	Disperse Red 9	82-38-2
177	Disperse Red 13	3180-81-2
178	Disperse Red 15	116-85-8
179	Disperse Red 16	6253-14-1
180	Disperse Red19	2734-52-3
181	Disperse Red20	NA
182	Disperse Red21	37220-20-5
183	Disperse Red22	2944-28-7
184	Disperse Red25	1228753-15-8
185	Disperse Red29	NA
186	Disperse Red30	3025-41-0
187	Disperse Red31	2475-43-6
188	Disperse Red32	3084-21-7
189	Disperse Red33	1228753-16-9
190	Disperse Red35	61951-62-0
191	Disperse Red41	6373-90-6
192	Disperse Red42	NA
193	Disperse Red43	12217-85-5
194	Disperse Red49	6373-93-9
195	Disperse Red50	40880-51-1
196	Disperse Red51	NA
197	Disperse Red52	104491-85-2
198	Disperse Red53	59787-78-9
199	Disperse Red54	6657-37-0
200	Disperse Red55	17869-07-7
201	Disperse Red56	12637-13-7
202	Disperse Red57	NA
203	Disperse Red58	6373-93-9

Sr.No.	Product Name	CAS No.
204	Disperse Red59	17869-10-2
205	Disperse Red60	17418-58-5
206	Disperse Red61	71807-43-7
207	Disperse Red62	NA
208	Disperse Red63	164578-06-7
209	Disperse Red64	6373-93-9
210	Disperse Red65	16586-43-9
211	Disperse Red66	4465-58-1
212	Disperse Red67	NA
213	Disperse Red68	61356-32-9
214	Disperse Red69	NA
215	Disperse Red70	1262788-93-1
216	Disperse Red71	17418-58-5
217	Disperse Red72	12223-39-1
218	Disperse Red73	16889-10-4
219	Disperse Red74	61703-11-5
220	Disperse Red75	61725-14-2
221	Disperse Red76	12236-07-6
222	Disperse Red77	NA
223	Disperse Red78	NA
224	Disperse Red79	NA
225	Disperse Red80	12236-08-7
226	Disperse Red 81	12223-41-5
227	Disperse Red82	30124-94-8
228	Disperse Red83	17418-58-5
229	Disperse Red84	12217-88-8
230	Disperse Red85	12217-89-9
231	Disperse Red86	81-68-5
232	Disperse Red87	12223-44-8
233	Disperse Red88	12217-04-8
234	Disperse Red89	12223-45-9
235	Disperse Red90	27767-98-2
236	Disperse Red91	34231-26-0
237	Disperse Red92	72363-26-9
238	Disperse Red93	12236-12-3
239	Disperse Red96	12223-47-1
240	Disperse Red98	61994-66-9
241	Disperse Red99	NA
242	Disperse Red107	12236-16-7
243	Disperse Red109	84560-05-4
244	Disperse Red113	12223-59-5
245	Disperse Red117	12223-59-5
246	Disperse Red118	61480-15-7
247	Disperse Red120	12236-19-0
248	Disperse Red121	12223-62-0
249	Disperse Red122	12223-63-1
250	Disperse Red125	12236-20-3
251	Disperse Red127	66795-75-3
252	Disperse Red128	12236-22-5
253	Disperse Red129	12236-23-6
254	Disperse Red131	12236-24-7

Sr.No.	Product Name	CAS No.
255	Disperse Red132	12223-67-5
256	Disperse Red134	12223-69-7
257	Disperse Red135	29765-00-2
258	Disperse Red136	12223-70-0
259	Disperse Red137	73384-74-4
260	Disperse Red139	71832-05-8
261	Disperse Red140	58051-97-1
262	Disperse Red141	61968-45-4
263	Disperse Red143	20339-55-3
264	Disperse Red145	25510-81-0
265	Disperse Red146	59763-30-3
266	Disperse Red152	78564-86-0
267	Disperse Red153	78564-87-1
268	Disperse Red154	73384-65-3
269	Disperse Red155	71819-69-7
270	Disperse Red156	25473-34-1
271	Disperse Red157	118548-22-4
272	Disperse Red158	61968-48-7
273	Disperse Red159	61968-49-8
274	Disperse Red160	61968-50-1
275	Disperse Red163	71819-70-0
276	Disperse Red164	80892-58-6
277	Disperse Red165	1914998-77-8
278	Disperse Red167	26850-12-4
279	Disperse Red167.1	1533-78-4
280	Disperse Red173	NA
281	Disperse Red177	68133-69-7
282	Disperse Red178	61951-63-1
283	Disperse Red179	16586-42-8
284	Disperse Red180	61951-65-3
285	Disperse Red181	86438-38-2
286	Disperse Red183	83764-36-7
287	Disperse Red184	61968-54-5
288	Disperse Red185	61901-71-1
289	Disperse Red186	NA
290	Disperse Red188	NA
291	Disperse Red189	934539-45-4
292	Disperse Red190	82230-10-2
293	Disperse Red191	103657-51-8
294	Disperse Red192	89072-61-7
295	Disperse Red193	26692-47-7
296	Disperse Red194	78564-87-1
297	Disperse Red195	NA
298	Disperse Red196	82944-36-3
299	Disperse Red197	NA
300	Disperse Red198	61968-55-6
301	Disperse Red199	6371-23-9
302	Disperse Red200	332137-64-1
303	Disperse Red201	61931-38-2
304	Disperse Red202	28462-17-1
305	Disperse Red203	61968-56-7

Sr.No.	Product Name	CAS No.
306	Disperse Red205	NA
307	Disperse Red207	159131-66-5
308	Disperse Red210	13301-60-5
309	Disperse Red211	12236-22-5
310	Disperse Red213	NA
311	Disperse Red214	90585-55-0
312	Disperse Red215	NA
313	Disperse Red220	65907-69-9
314	Disperse Red221	64426-35-3
315	Disperse Red224	63641-91-8
316	Disperse Red225	103938-55-2
317	Disperse Red227	224966-20-5
318	Disperse Red257	NA
319	Disperse Red258	73384-67-5
320	Disperse Red271	71832-08-1
321	Disperse Red272	80206-94-6
322	Disperse Red273	NA
323	Disperse Red274	83929-87-7
324	Disperse Red275	NA
325	Disperse Red276	71832-09-2
326	Disperse Red277	70294-19-8
327	Disperse Red278	61355-92-8
328	Disperse Red279	72827-94-2
329	Disperse Red280	NA
330	Disperse Red281	NA
331	Disperse Red282	155522-12-6
332	Disperse Red283	120797-62-8
333	Disperse Red284	NA
334	Disperse Red288	77907-27-8
335	Disperse Red302	40530-60-7
336	Disperse Red303	71872-53-2
337	Disperse Red305	89106-92-3
338	Disperse Red311	77907-28-9
339	Disperse Red312	NA
340	Disperse Red313	72827-95-3
341	Disperse Red314	NA
342	Disperse Red315	NA
343	Disperse Red316	83929-88-8
344	Disperse Red319	25510-81-0
345	Disperse Red323	73384-66-4
346	Disperse Red324	71617-28-2
347	Disperse Red329	87714-24-7
348	Disperse Red331	NA
349	Disperse Red333	110342-28-4
350	Disperse Red334	59970-81-9
351	Disperse Red336	NA
352	Disperse Red337	NA
353	Disperse Red338	63134-15-6
354	Disperse Red339	NA
355	Disperse Red340	88264-87-3
356	Disperse Red341	NA

Sr.No.	Product Name	CAS No.
357	Disperse Red342	NA
358	Disperse Red345	NA
359	Disperse Red353	94945-22-9
360	Disperse Red354	79300-13-3
361	Disperse Red356	159968-00-0
362	Disperse Red359	92818-48-9
363	Disperse Red361	16294-75-0
364	Disperse Red364	522-75-8
365	Disperse Red365	NA
366	Disperse Red371	881997-87-1
367	Disperse Red374	NA
368	Disperse Red376	524711-99-7
369	Disperse Red377	460987-35-3
370	Disperse Red378	947172-35-2
371	Disperse Red382	946850-26-6
372	Disperse Blue4	225918-97-8
373	Disperse Blue5	4486-13-9
374	Disperse Blue6	3443-93-4
375	Disperse Blue8	81-47-0
376	Disperse Blue9	147335-32-8
377	Disperse Blue10	885474-83-9
378	Disperse Blue11	6358-51-6
379	Disperse Blue13	NA
380	Disperse Blue14	2475-44-7
381	Disperse Blue15	6054-52-0
382	Disperse Blue19	4395-65-7
383	Disperse Blue22	6373-16-6
384	Disperse Blue23	4471-41-4
385	Disperse Blue24	3179-96-2
386	Disperse Blue27	15791-78-3
387	Disperse Blue28	6408-79-3
388	Disperse Blue31	1328-23-0
389	Disperse Blue34	4424-82-2
390	Disperse Blue38	6054-53-1
391	Disperse Blue40	3178-78-7
392	Disperse Blue54	12217-77-5
393	Disperse Blue55	6370-89-4
394	Disperse Blue56	31810-89-6
395	Disperse Blue60	12217-80-0
396	Disperse Blue61	71807-40-4
397	Disperse Blue62	53989-05-2
398	Disperse Blue71	31810-89-6
399	Disperse Blue72	81-48-1
400	Disperse Blue73	31529-83-6
401	Disperse Blue77	20241-76-3
402	Disperse Blue78	2475-44-7
403	Disperse Blue79	3618-73-3
404	Disperse Blue79.1	3618-72-2
405	Disperse Blue81	12222-79-6
406	Disperse Blue83	12222-81-0
407	Disperse Blue85	3177-13-7

Sr.No.	Product Name	CAS No.
408	Disperse Blue87	13418-49-0
409	Disperse Blue90	26021-20-5
410	Disperse Blue94	26021-20-5
411	Disperse Blue95	12235-97-1
412	Disperse Blue99	12217-80-0
413	Disperse Blue118	20241-77-4
414	Disperse Blue120	20241-76-3
415	Disperse Blue122	12270-38-1
416	Disperse Blue125	66693-26-3
417	Disperse Blue127	68310-48-5
418	Disperse Blue128	12270-41-6
419	Disperse Blue130	61968-27-2
420	Disperse Blue132	61902-08-7
421	Disperse Blue134	14233-37-5
422	Disperse Blue135	1228754-32-2
423	Disperse Blue139	50922-60-6
424	Disperse Blue140	NA
425	Disperse Blue141	1262789-72-9
426	Disperse Blue142	NA
427	Disperse Blue143	NA
428	Disperse Blue144	64553-76-0
429	Disperse Blue146	26931-40-8
430	Disperse Blue148	52239-04-0
431	Disperse Blue149.1	NA
432	Disperse Blue150	61951-53-9
433	Disperse Blue152	71819-61-9
434	Disperse Blue153	61815-13-2
435	Disperse Blue157	NA
436	Disperse Blue158	16618-09-0
437	Disperse Blue165	41642-51-7
438	Disperse Blue165.1	24170-60-3
439	Disperse Blue171	73299-32-8
440	Disperse Blue173	61867-90-1
441	Disperse Blue174	58694-33-0
442	Disperse Blue175	NA
443	Disperse Blue176	61968-33-0
444	Disperse Blue180	69912-84-1
445	Disperse Blue181	71872-42-9
446	Disperse Blue183	2309-94-6
447	Disperse Blue185	61968-36-3
448	Disperse Blue186	66795-74-2
449	Disperse Blue187	104491-83-0
450	Disperse Blue197	82230-08-8
451	Disperse Blue198	82230-09-9
452	Disperse Blue200	69070-68-4
453	Disperse Blue201	163751-71-1
454	Disperse Blue207	885470-94-0
455	Disperse Blue211	885473-15-4
456	Disperse Blue214	104491-84-1
457	Disperse Blue224	95078-18-5
458	Disperse Blue225	145537-86-6

Sr.No.	Product Name	CAS No.
459	Disperse Blue257	84931-03-3
460	Disperse Blue259	82457-20-3
461	Disperse Blue264	885473-58-5
462	Disperse Blue266	58204-91-4
463	Disperse Blue268	58049-96-0
464	Disperse Blue270	88650-95-7
465	Disperse Blue280	71902-09-5
466	Disperse Blue281	137573-90-1
467	Disperse Blue283	71819-63-1
468	Disperse Blue284	71872-43-0
469	Disperse Blue291	56548-64-2
470	Disperse Blue291.1	51868-46-3
471	Disperse Blue295	71872-47-4
472	Disperse Blue297	100358-00-7
473	Disperse Blue301	105635-65-2
474	Disperse Blue305	885473-80-3
475	Disperse Blue319	69828-87-1
476	Disperse Blue320	83929-85-5
477	Disperse Blue327	83929-86-6
478	Disperse Blue328	885474-00-0
479	Disperse Blue330	87658-81-9
480	Disperse Blue331	99148-93-3
481	Disperse Blue333	88385-23-3
482	Disperse Blue334	3176-88-3
483	Disperse Blue335	63134-10-1
484	Disperse Blue336	885474-01-1
485	Disperse Blue337	65916-12-3
486	Disperse Blue338	68900-95-8
487	Disperse Blue339	54289-46-2
488	Disperse Blue341	73275-65-7
489	Disperse Blue344	885474-07-7
490	Disperse Blue346	885474-32-8
491	Disperse Blue347	910459-93-7
492	Disperse Blue348	NA
493	Disperse Blue349	NA
494	Disperse Blue350	94945-20-7
495	Disperse Blue351	885474-33-9
496	Disperse Blue352	885474-36-2
497	Disperse Blue353	82457-22-5
498	Disperse Blue354	74239-96-6
499	Disperse Blue355	885474-48-6
500	Disperse Blue356	118578-14-6
501	Disperse Blue359	213328-78-0
502	Disperse Blue360	885474-63-5
503	Disperse Blue361	93686-63-6
504	Disperse Blue362	NA
505	Disperse Blue364	108948-37-4
506	Disperse Blue365	108948-36-3
507	Disperse Blue366	84870-65-5
508	Disperse Blue367	105076-77-5
509	Disperse Blue368	96293-52-6

Sr.No.	Product Name	CAS No.
510	Disperse Blue369	122063-39-2
511	Disperse Blue370	106359-94-8
512	Disperse Blue371	885474-68-0
513	Disperse Blue372	NA
514	Disperse Blue373	51868-46-3
515	Disperse Blue374	885474-73-7
516	Disperse Blue375	885474-74-8
517	Disperse Blue376	885474-75-9
518	Disperse Blue377	67674-26-4
519	Disperse Blue378	885474-76-0
520	Disperse Blue379	NA
521	Disperse Blue380	1107654-03-4
522	Disperse Violet1	128-95-0
523	Disperse Violet2	885475-19-4
524	Disperse Violet3	12768-88-6
525	Disperse Violet4	1220-94-6
526	Disperse Violet5	
527	Disperse Violet6	6471-02-9
528	Disperse Violet7	NA
529	Disperse Violet8	82-33-7
530	Disperse Violet9	81-42-5
531	Disperse Violet12	3266-98-6
532	Disperse Violet13	6374-02-3
533	Disperse Violet15	62649-65-4
534	Disperse Violet16	885475-20-7
535	Disperse Violet17	116-82-5
536	Disperse Violet18	NA
537	Disperse Violet23	19286-75-0
538	Disperse Violet24	NA
539	Disperse Violet26	6408-72-6
540	Disperse Violet27	19286-75-0
541	Disperse Violet28	81-42-5
542	Disperse Violet31	6408-72-6
543	Disperse Violet33	66882-16-4
544	Disperse Violet35	12236-27-0
545	Disperse Violet36	12223-75-5
546	Disperse Violet47	61968-58-9
547	Disperse Violet48	61968-59-0
548	Disperse Violet56	115902-06-2
549	Disperse Violet57	1594-08-7
550	Disperse Violet58	NA
551	Disperse Violet59	NA
552	Disperse Violet60	NA
553	Disperse Violet63	64294-88-8
554	Disperse Violet69	885475-82-1
555	Disperse Violet77	77538-14-8
556	Disperse Violet88	91254-13-6
557	Disperse Violet91	68391-47-9
558	Disperse Violet93	122463-28-9
559	Disperse Violet93.1	122463-28-9
560	Disperse Violet94	100358-02-9

Sr.No.	Product Name	CAS No.
561	Disperse Violet98	24112-48-9
562	Disperse Violet99	NA
563	Disperse Violet100	NA
564	Disperse Violet101	NA
565	Disperse Violet102	NA
	Acid Dyes	
566	Acid Yellow1	846-70-8
567	Acid Yellow3	95193-83-2
568	Acid Yellow4	6359-74-6
569	Acid Yellow5	1324-04-5
570	Acid Yellow7	2391-30-2
571	Acid Yellow8	141513-91-9
572	Acid Yellow9	2706-28-7
573	Acid Yellow10	21542-82-5
574	Acid Yellow11	6359-82-6
575	Acid Yellow12	6359-84-8
576	Acid Yellow14	6359-97-3
577	Acid Yellow17	6359-98-4
578	Acid Yellow18	6359-54-2
579	Acid Yellow19	12220-64-3
580	Acid Yellow20	8005-93-4
581	Acid Yellow23	1934-21-0
582	Acid Yellow24	887-79-6
583	Acid Yellow29	6359-91-7
584	Acid Yellow34	6359-90-6
585	Acid Yellow35	61902-28-1
586	Acid Yellow36	587-98-4
587	Acid Yellow38	13390-47-1
588	Acid Yellow40	6372-96-9
589	Acid Yellow41	6359-55-3
590	Acid Yellow42	6375-55-9
591	Acid Yellow44	2429-76-7
592	Acid Yellow48	6359-99-5
593	Acid Yellow49	69762-08-9
594	Acid Yellow54	10127-05-6
595	Acid Yellow59	5601-29-6
596	Acid Yellow61	12217-38-8
597	Acid Yellow 62	1325-37-7
598	Acid Yellow65	6408-90-8
599	Acid Yellow72	52584-47-1
600	Acid Yellow73	518-47-8
601	Acid Yellow78	12220-56-3
602	Acid Yellow79	72828-69-4
603	Acid Yellow83	142106-28-3
604	Acid Yellow96	61901-50-6
605	Acid Yellow98	6421-60-9
606	Acid Yellow99	10343-58-5
607	Acid Yellow104	72496-90-3
608	Acid Yellow105	25807-51-6
609	Acid Yellow110	72479-28-8
610	Acid Yellow112	12220-75-6

Sr.No.	Product Name	CAS No.
611	Acid Yellow116	12239-18-8
612	Acid Yellow117	6459-70-7
613	Acid Yellow114	61901-51-7
614	Acid Yellow119	12220-76-7
615	Acid Yellow127	73384-78-8
616	Acid Yellow129	41741-86-0
617	Acid Yellow133	488555-25-5
618	Acid Yellow135	12235-21-1
619	Acid Yellow137	72827-84-0
620	Acid Yellow151	12715-61-6
621	Acid Yellow153	6826-59-1
622	Acid Yellow155	12220-81-4
623	Acid Yellow158:1	908584-95-2
624	Acid Yellow159	12235-22-2
625	Acid Yellow162	5601-29-6
626	Acid Yellow165	12235-26-6
627	Acid Yellow166	71033-19-7
628	Acid Yellow167	12220-87-0
629	Acid Yellow172	15792-51-5
630	Acid Yellow185	99148-51-3
631	Acid Yellow184	70267-73-1
632	Acid Yellow194	61814-52-6
633	Acid Yellow196	NA
634	Acid Yellow199	70865-20-2
635	Acid Yellow200	6359-95-1
636	Acid Yellow204	61814-53-7
637	Acid Yellow207	73507-13-8
638	Acid Yellow208	77031-25-5
639	Acid Yellow215	NA
640	Acid Yellow216	71872-28-1
641	Acid Yellow219	63405-85-6
642	Acid Yellow220	70851-34-2
643	Acid Yellow221	61814-59-3
644	Acid Yellow228	82323-97-5
645	Acid Yellow230	72827-87-3
646	Acid Yellow 231	NA
647	Acid Yellow 232	83027-57-0
648	Acid Yellow233	216240-88-9
649	Acid Yellow235	125408-78-8
650	Acid Yellow 236	77907-21-2
651	Acid Yellow 241	85049-62-3
652	Acid Yellow 242	157629-95-3
653	Acid Yellow 246	119822-74-1
654	Acid Yellow250	215313-35-2
655	Acid Yellow 254	NA
656	Acid Yellow 256	881851-49-6
657	Acid Yellow262	476173-64-5
658	Acid Blue1	129-17-9
659	Acid Blue3	3536-49-0
660	Acid Blue6	6222-42-0
661	Acid Blue7	3486-30-4

Sr.No.	Product Name	CAS No.
662	Acid Blue9	3844-45-9
663	Acid Blue13	5863-53-6
664	Acid Blue15	5863-46-7
665	Acid Blue22	28631-66-5
666	Acid Blue23	33340-33-9
667	Acid Blue25	6408-78-2
668	Acid Blue29	5850-35-1
669	Acid Blue40	6424-85-7
670	Acid Blue 41	2666-17-3
671	Acid Blue43	2150-60-9
672	Acid Blue45	2861-02-1
673	Acid Blue47	4403-89-8
674	Acid Blue48	1324-77-2
675	Acid Blue62	4368-56-3
676	Acid Blue80	4474-24-2
677	Acid Blue83	6104-59-2
678	Acid Blue89	10359-95-2
679	Acid Blue90	6104-58-1
680	Acid Blue92	3861-73-2
681	Acid Blue103	6483-73-4
682	Acid Blue104	6505-30-2
683	Acid Blue113	3351-05-1
684	Acid Blue117	10169-12-7
685	Acid Blue118	6406-32-2
686	Acid Blue127	6471-01-8
687	Acid Blue129	6397-02-0
688	Acid Blue138	1324-53-4
689	Acid Blue145	6408-80-6
690	Acid Blue158	6370-08-7
691	Acid Blue158.1	6370-12-3
692	Acid Blue161	12392-64-2
693	Acid Blue171	75314-27-1
694	Acid Blue183	12217-22-0
695	Acid Blue185	12234-64-9
696	Acid Blue193	12392-64-2
697	Acid Blue200	61723-99-7
698	Acid Blue 201	12219-29-3
699	Acid Blue 202	12643-05-9
700	Acid Blue204	61724-00-3
701	Acid Blue207	12219-41-9
702	Acid Blue220	12219-31-7
703	Acid Blue221	12219-32-8
704	Acid Blue225	80010-51-1
705	Acid Blue229	70247-75-5
706	Acid Blue230	12269-82-8
707	Acid Blue236	12219-41-9
708	Acid Blue239	72391-24-3
709	Acid Blue254	61967-88-2
710	Acid Blue258	52270-63-0
711	Acid Blue260	67827-60-5
712	Acid Blue264	39315-90-7

Sr.No.	Product Name	CAS No.
713	Acid Blue268	71838-55-6
714	Acid Blue270	61967-89-3
715	Acid Blue274	61967-92-8
716	Acid Blue276	NA
717	Acid Blue277	25797-81-3
718	Acid Blue278	61931-04-2
719	Acid Blue279	61967-94-0
720	Acid Blue280	39279-67-9
721	Acid Blue281	226923-51-9
722	Acid Blue283	142985-50-0
723	Acid Blue284	61814-66-2
724	Acid Blue285	NA
725	Acid Blue288	61967-95-1
726	Acid Blue290	39280-53-0
727	Acid Blue296	61967-96-2
728	Acid Blue317	68541-71-9
729	Acid Blue321	NA
730	Acid Blue324	88264-80-6
731	Acid Blue327	77907-14-3
732	Acid Blue348	1393829-02-1
733	Acid Blue 350	138067-74-0
734	Acid Violet1	6441-91-4
735	Acid Violet3	1681-60-3
736	Acid Violet5	13390-46-0
737	Acid Violet17	4129-84-4
738	Acid Violet19	3244-88-0
739	Acid Violet21	5905-37-3
740	Acid Violet34	6408-63-5
741	Acid Violet36	1323-87-1
742	Acid Violet42	6408-73-7
743	Acid Violet43	4430-18-6
744	Acid Violet 46	61724-44-5
745	Acid Violet 48	72243-90-4
746	Acid Violet54	70210-05-8
747	Acid Violet55	NA
748	Acid Violet56	6408-02-2
749	Acid Violet78	50525-58-1
750	Acid Violet90	61916-41-4
751	Acid Violet109	72391-23-2
752	Acid Orange3	6373-74-6
753	Acid Orange5	554-73-4
754	Acid Orange7	633-96-5
755	Acid Orange8	5850-86-2
756	Acid Orange10	1936-15-8
757	Acid Orange10.1	83898-22-0
758	Acid Orange12	1934-20-9
759	Acid Orange17	52749-23-2
760	Acid Orange19	3058-98-8
761	Acid Orange20	523-44-4
762	Acid Orange24	1320-07-6
763	Acid Orange28	5863-95-6

Sr.No.	Product Name	CAS No.
764	Acid Orange33	6507-77-3
765	Acid Orange56	6470-20-8
766	Acid Orange58	NA
767	Acid Orange60	30112-70-0
768	Acid Orange61	6408-33-9
769	Acid Orange62	12262-17-8
770	Acid Orange63	15792-50-4
771	Acid Orange67	12220-06-3
772	Acid Orange74	10127-27-2
773	Acid Orange80	12643-06-0
774	Acid Orange82	12217-03-7
775	Acid Orange86	51147-75-2
776	Acid Orange94	70161-18-1
777	Acid Orange95	6507-77-3
778	Acid Orange107	12220-08-5
779	Acid Orange116	12220-10-9
780	Acid Orange122	73507-06-9
781	Acid Orange124	12234-97-8
782	Acid Orange127	72765-52-7
783	Acid Orange128	12269-97-5
784	Acid Orange134	NA
785	Acid Orange142	61901-39-1
786	Acid Orange144	61814-64-0
787	Acid Orange154	56819-40-0
788	Acid Orange156	68555-86-2
789	Acid Orange159	82944-40-9
790	Acid Orange160	82944-41-0
791	Acid Orange162	73612-40-5
792	Acid Orange168	55613-78-0
793	Acid Red1	3734-67-6
794	Acid Red6	6245-59-6
795	Acid Red8	4787-93-3
796	Acid Red9	8003-59-6
797	Acid Red10	5850-95-3
798	Acid Red14	3567-69-9
799	Acid Red18	2611-82-7
800	Acid Red27	915-67-3
801	Acid Red29	4197-07-3
802	Acid Red35	6441-93-6
803	Acid Red37	6360-07-2
804	Acid Red42	6360-10-7
805	Acid Red44	2766-77-0
806	Acid Red52	3520-42-1
807	Acid Red57	12217-34-4
808	Acid Red66	4196-99-0
809	Acid Red88	1658-56-6
810	Acid Red97	10169-02-5
811	Acid Red99	3701-40-4
812	Acid Red111	6358-57-2
813	Acid Red119	70210-06-9
814	Acid Red127	61724-32-1

Sr.No.	Product Name	CAS No.
815	Acid Red131	70210-37-6
816	Acid Red134	6459-69-4
817	Acid Red135	6459-69-4
818	Acid Red136	851608-33-8
819	Acid Red137	6222-63-5
820	Acid Red138	15792-43-5
821	Acid Red141	5850-93-1
822	Acid Red145	6598-62-5
823	Acid Red151	6406-56-0
824	Acid Red179	6408-34-0
825	Acid Red182	50525-57-0
826	Acid Red183	63148-53-8
827	Acid Red184	6370-15-6
828	Acid Red186	52677-44-8
829	Acid Red194	11075-30-2
830	Acid Red195	2220-24-5
831	Acid Red211	12239-05-3
832	Acid Red249	6416-66-6
833	Acid Red252	70209-97-1
834	Acid Red260	52333-30-9
835	Acid Red261	61931-17-7
836	Acid Red263	12239-09-7
837	Acid Red274	84083-07-8
838	Acid Red266	57741-47-6
839	Acid Red278	71819-56-2
840	Acid Red296	38833-00-0
841	Acid Red299	67674-28-6
842	Acid Red301	12220-30-3
843	Acid Red307	12220-35-8
844	Acid Red315	70209-87-9
845	Acid Red316	12220-38-1
846	Acid Red336	12239-11-1
847	Acid Red337	67786-14-5
848	Acid Red341	61847-62-9
849	Acid Red357	61951-36-8
850	Acid Red359	61814-65-1
851	Acid Red360	61968-06-7
852	Acid Red361	32846-21-2
853	Acid Red362	61814-58-2
854	Acid Red364	71838-40-9
855	Acid Red399	91254-09-0
856	Acid Red405	83833-37-8
857	Acid Red407	72017-66-4
858	Acid Red 414	152287-09-7
859	Acid Red415	220323-37-5
860	Acid Red416	NA
861	Acid Red418	84136-00-5
862	Acid Red 419	1222085-93-9
863	Acid Red425	151499-54-6
864	Acid Red426	118548-20-2
865	Acid Red428	NA

Sr.No.	Product Name	CAS No.
866	Acid Red 447	664997-38-0
867	Acid Green1	19381-50-1
868	Acid Green3	4680-78-8
869	Acid Green4	25424-72-0
870	Acid Green5	5141-20-8
871	Acid Green9	4857-81-2
872	Acid Green12	10241-21-1
873	Acid Green16	12768-78-4
874	Acid Green19	5850-34-0
875	Acid Green20	5850-39-5
876	Acid Green23	NA
877	Acid Green25	4403-90-1
878	Acid Green27	6408-57-7
879	Acid Green28	73398-32-0
880	Acid Green35	10241-27-7
881	Acid Green40	70161-19-2
882	Acid Green40.1	70161-19-2
883	Acid Green41	4430-16-4
884	Acid Green68.1	61901-32-4
885	Acid Green73	72403-66-8
886	Acid Green80	12219-98-6
887	Acid Green104	73297-10-6
888	Acid Green106	88506-44-9
889	Acid Green107	NA
890	Acid Green108	71872-22-5
891	Acid Green109	85407-92-7
892	Acid Green111	1422368-31-7
893	Acid Green112	NA
894	Acid Brown2	3626-41-3
895	Acid Brown4	5858-51-5
896	Acid Brown13	6373-79-1
897	Acid Brown14	5850-16-8
898	Acid Brown15	5850-15-7
899	Acid Brown17	3564-15-6
900	Acid Brown44	12238-96-9
901	Acid Brown45	12219-54-4
902	Acid Brown46	12238-97-0
903	Acid Brown53	12238-98-1
904	Acid Brown58	70210-34-3
905	Acid Brown64	NA
906	Acid Brown70	NA
907	Acid Brown73	NA
908	Acid Brown75	8011-86-7
909	Acid Brown77	NA
910	Acid Brown78	Na
911	Acid Brown83	13011-68-2
912	Acid Brown84	13011-69-3
913	Acid Brown88	6222-56-6
914	Acid Brown97	108347-99-5
915	Acid Brown98	72479-34-6
916	Acid Brown100	61724-08-1

Sr.No.	Product Name	CAS No.
917	Acid Brown101	61724-09-2
918	Acid Brown105	8003-78-9
919	Acid Brown106	61724-11-6
920	Acid Brown119	6428-27-9
921	Acid Brown121	6487-04-3
922	Acid Brown122	6487-05-4
923	Acid Brown127	12238-99-2
924	Acid Brown159	61901-21-1
925	Acid Brown160	61724-12-7
926	Acid Brown161	61724-13-8
927	Acid Brown163	8011-86-7
928	Acid Brown165	61724-14-9
929	Acid Brown167	150632-90-9
930	Acid Brown184	NA
931	Acid Brown188	71949-32-1
932	Acid Brown191	70210-24-1
933	Acid Brown194	72496-92-5
934	Acid Brown213	6416-67-7
935	Acid Brown214	37372-87-5
936	Acid Brown216	8007-63-4
937	Acid Brown235	70210-23-0
938	Acid Brown248	12239-00-8
939	Acid Brown282	70236-60-1
940	Acid Brown283	70815-17-7
941	Acid Brown284	12219-67-9
942	Acid Brown289	52587-68-5
943	Acid Brown290	12234-74-1
944	Acid Brown298	12234-78-5
945	Acid Brown304	12234-80-9
946	Acid Brown311	12234-86-5
947	Acid Brown314	72480-58-1
948	Acid Brown324	61901-27-7
949	Acid Brown348	72827-72-6
950	Acid Brown349	72827-73-7
951	Acid Brown354	71799-43-4
952	Acid Brown355	84989-26-4
953	Acid Brown357	61814-63-9
954	Acid Brown358	61967-98-4
955	Acid Brown364	NA
956	Acid Brown365	63641-88-3
957	Acid Brown384	90294-42-1
958	Acid Brown395	Na
959	Acid Brown402	127830-16-4
960	Acid Brown404	NA
961	Acid Brown408	148849-14-3
962	Acid Brown409	NA
963	Acid Brown413	146836-85-3
964	Acid Brown414	1422363-74-3
965	Acid Brown417	NA
966	Acid Brown418	83562-89-4
967	Acid Brown419	NA

Sr.No.	Product Name	CAS No.
968	Acid Brown420	NA
969	Acid Brown422	126851-39-6
970	Acid Brown425	119509-49-8
971	Acid Brown427	134687-45-9
972	Acid Brown428	134687-46-0
973	Acid Brown429	134687-47-1
974	Acid Brown430	NA
975	Acid Brown431	1422365-03-4
976	Acid Brown432	94933-05-8
977	Acid Brown433	NA
978	Acid Brown434	126851-40-9
979	Acid Brown435	NA
980	Acid Brown436	NA
981	Acid Brown437	84843-07-2
982	Acid Brown438	84843-06-1
983	Acid Brown439	NA
984	Acid Brown441	NA
985	Acid Brown442	NA
986	Acid Brown443	NA
987	Acid Brown444	NA
988	Acid Brown445	NA
989	Acid Brown447	NA
990	Acid Brown448	NA
991	Acid Brown449	NA
992	Acid Brown450	114599-15-4
993	Acid Brown452	1422366-76-4
994	Acid Brown453	NA
995	Acid Black1	1064-48-8
996	Acid Black2	8005-03-6
997	Acid Black21	10142-78-6
998	Acid Black24	3071-73-6
999	Acid Black26	6262-07-3
1000	Acid Black31	6222-55-5
1001	Acid Black41	5850-37-3
1002	Acid Black50	12217-15-1
1003	Acid Black52	70236-49-6
1004	Acid Black52.1	86543-84-2
1005	Acid Black58	12218-94-9
1006	Acid Black60	12218-95-0
1007	Acid Black60.1	120668-30-6
1008	Acid Black63	32517-36-5
1009	Acid Black82	6408-06-6
1010	Acid Black84	6408-22-6
1011	Acid Black94	6358-80-1
1012	Acid Black107	70236-55-4
1013	Acid Black132	27425-58-7
1014	Acid Black164	12238-86-7
1015	Acid Black172	57693-14-8
1016	Acid Black180	11103-91-6
1017	Acid Black194	61931-02-0
1018	Acid Black197	77031-15-3

Sr.No.	Product Name	CAS No.
1019	Acid Black207	84145-95-9
1020	Acid Black210	85223-29-6
1021	Acid Black213	55039-14-0
1022	Acid Black220	152287-07-5
1023	Acid Black222	158827-89-5
1024	Acid Black232	NA
1025	Acid Black233	NA
1026	Acid Black234	157577-99-6
1027	Acid Black235	1893430-37-9
1028	Acid Black236	NA
1029	Acid Black255	6358-80-1
1030	Direct Red80	2610-10-8
1031	Direct Red81	2610-11-9
1032	Direct Blue71	4399-55-7
1033	Direct Black80	8003-69-8
1034	Direct Orange34	12222-37-6
1035	Direct Orange39	1325-54-8
1036	Direct Blue199	90295-11-7
1037	Direct Yellow 11	83155-77-5
1038	Direct Yellow 12	2870-32-8
1039	Direct Yellow 44	8005-52-5
1040	Direct Blue86	1330-38-7
1041	Direct Blue87	1330-39-8
1042	Direct Black19	6428-31-5
1043	Direct Black22	6473-13-8
1044	Direct Black118	12217-54-8
1045	Acid Mordent brown1	NA
1046	Acid Mordent brown79	NA
1047	Acid Mordent blue13	NA
1048	Acid Mordent Red5	NA
1049	Acid Mordent black9	NA
1050	Acid Mordent black11	NA
	Reactive Dyes	
1051	Reactive Yellow2	50662-99-2
1052	Reactive Yellow7	12226-46-9
1053	Reactive Yellow15	12226-47-0
1054	Reactive Yellow17	20317-19-5
1055	Reactive Yellow18	12226-48-1
1056	Reactive Yellow22	14552-81-9
1057	Reactive Yellow24	12226-51-6
1058	Reactive Yellow25	72139-14-1
1059	Reactive Yellow27	12226-54-9
1060	Reactive Yellow37	85940-63-2
1061	Reactive Yellow39	70247-70-0
1062	Reactive Yellow42	12226-63-0
1063	Reactive Yellow57	61969-35-5
1064	Reactive Yellow77	85854-36-0
1065	Reactive Yellow81	59112-78-6
1066	Reactive Yellow84	61951-85-7
1067	Reactive Yellow 84A	NA
1068	Reactive Yellow85	71872-81-6

Sr.No.	Product Name	CAS No.
1069	Reactive Yellow86	70865-29-1
1070	Reactive Yellow95	89923-43-3
1071	Reactive Yellow105	73398-37-5
1072	Reactive Yellow125	4988-30-1
1073	Reactive Yellow135	77907-38-1
1074	Reactive Yellow143	75268-65-4
1075	Reactive Yellow145	73612-28-9
1076	Reactive Yellow160	129898-77-7
1077	Reactive Yellow167	115682-10-5
1078	Reactive Yellow176	140876-15-9
1079	Reactive Yellow181	130201-53-5
1080	Reactive Yellow185	111211-44-0
1081	Reactive Yellow186	84000-63-5
1082	Reactive Yellow187	NA
1083	Reactive Yellow201	NA
1084	Reactive Yellow203	NA
1085	Reactive Yellow204	NA
1086	Reactive Yellow205	1021942-10-8
1087	Reactive Yellow206	195739-93-6
1088	Reactive Green12	72152-45-5
1089	Reactive Green19	61931-49-5
1090	Reactive Green19A	NA
1091	Reactive Green21	61969-09-3
1092	Reactive Green22	NA
1093	Reactive Green24	NA
1094	Reactive Green26	NA
1095	Reactive Green27	669078-76-6
1096	Reactive Red2	17804-49-8
1097	Reactive Red3:1	92307-87-4
1098	Reactive Red11	12226-08-3
1099	Reactive Red21	11099-79-9
1100	Reactive Red24	70210-20-7
1101	Reactive Red29	94006-25-4
1102	Reactive Red31	12237-00-2
1103	Reactive Red35	12226-12-9
1104	Reactive Red43	64181-81-3
1105	Reactive Red45	70210-46-7
	Reactive Red 45.1	73816-74-7
1106	Reactive Red49	12237-02-4
1107	Reactive Red65	70210-40-1
1108	Reactive Red66	70210-39-8
1109	Reactive Red69	12239-69-9
1110	Reactive Red74	12270-82-5
1111	Reactive Red76	12270-84-7
1112	Reactive Red78	70224-86-1
1113	Reactive Red83	70210-00-3
1114	Reactive Red84	85187-33-3
1115	Reactive Red106	105635-66-3
1116	Reactive Red116	70210-01-4
1117	Reactive Red123	68959-17-1
1118	Reactive Red120	61951-82-4

Sr.No.	Product Name	CAS No.
1119	Reactive Red136	83137-15-9
1120	Reactive Red141	71002-20-5
1121	Reactive Red147	71902-16-4
1122	Reactive Red152	83137-16-0
1123	Reactive Red158	64104-00-3
1124	Reactive Red159	69553-32-8
1125	Reactive Red174	77907-36-9
1126	Reactive Red180	98114-32-0
1127	Reactive Red183	76416-02-9
1128	Reactive Red184	70833-54-4
1129	Reactive Red194	23354-52-1
1130	Reactive Red195	89157-03-9
1131	Reactive Red198	78952-61-1
1132	Reactive Red198A	111211-40-6
1133	Reactive Red218	84045-65-8
1134	Reactive Red238	116912-36-8
1135	Reactive Red245	130201-57-9
1136	Reactive Red249	NA
1137	Reactive Red250	669081-51-0
1138	Reactive Red264	915026-98-1
1139	Reactive Red271	NA
1140	Reactive Red278	1315342-23-4
1141	Reactive Orange4	70616-90-9
1142	Reactive Orange12	70161-14-7
1143	Reactive Orange13	70616-89-6
1144	Reactive Orange14	12225-86-4
1145	Reactive Orange16	20262-58-2
1146	Reactive Orange20	12225-91-1
1147	Reactive Orange29	12225-98-8
1148	Reactive Orange35	70210-13-8
1149	Reactive Orange38	12270-79-0
1150	Reactive Orange64	72828-73-0
1151	Reactive Orange68	71838-94-3
1152	Reactive Orange69	61969-17-3
1153	Reactive Orange72	71902-15-3
1154	Reactive Orange84	68110-30-5
1155	Reactive Orange86	83929-91-3
1156	Reactive Orange91	63817-39-0
1157	Reactive Orange94	129651-47-4
1158	Reactive Orange95	89923-44-4
1159	Reactive Orange96	90597-78-7
1160	Reactive Orange107	94158-82-4
1161	Reactive Orange121	NA
1162	Reactive Orange122	216082-23-4
1163	Reactive Orange123	NA
1164	Reactive Orange131	449181-62-8
1165	Reactive Orange133	335322-13-9
1166	Reactive Orange201	NA
1167	Reactive Brown2	70210-17-2
1168	Reactive Brown7	93783-57-4
1169	Reactive Brown8	12225-65-9

Sr.No.	Product Name	CAS No.
1170	Reactive Brown9	12225-66-0
1171	Reactive Brown10	70788-63-5
1172	Reactive Brown11	70161-16-9
1173	Reactive Brown17	12225-72-8
1174	Reactive Brown18	12225-73-9
1175	Reactive Brown19	61969-04-8
1176	Reactive Brown20	61951-78-8
1177	Reactive Blue4	13324-20-4
1178	Reactive Blue5	16823-51-1
1179	Reactive Blue8	70236-50-9
1180	Reactive Blue13	14692-76-3
1181	Reactive Blue19	2580-78-1
1182	Reactive Blue21	85650-98-2
1183	Reactive Blue25	85567-04-0
1184	Reactive Blue26	12225-43-3
1185	Reactive Blue28	12225-46-6
1186	Reactive Blue38	12236-90-7
1187	Reactive Blue41	72214-17-6
1188	Reactive Blue49	72927-99-2
1189	Reactive Blue50	70210-42-3
1190	Reactive Blue59	12270-71-2
1191	Reactive Blue69	70209-99-3
1192	Reactive Blue71	12677-15-5
1193	Reactive Blue81	75030-18-1
1194	Reactive Blue89	61968-98-7
1195	Reactive Blue116	61969-03-7
1196	Reactive Blue140	71872-74-7
1197	Reactive Blue171	77907-32-5
1198	Reactive Blue177	86595-77-9
1199	Reactive Blue182	68912-12-9
1200	Reactive Blue184	70528-89-1
1201	Reactive Blue194	93050-78-3
1202	Reactive Blue198	84434-51-5
1203	Reactive Blue203	84229-70-9
1204	Reactive Blue204	85153-92-0
1205	Reactive Blue209	110493-61-3
1206	Reactive Blue220	101678-62-0
1207	Reactive Blue221	84057-71-6
1208	Reactive Blue225	108624-00-6
1209	Reactive Blue222	93912-64-2
1210	Reactive Blue223	NA
1211	Reactive Blue224	122390-99-2
1212	Reactive Blue235	106404-06-2
1213	Reactive Blue238	149315-83-3
1214	Reactive Blue248	1270957-42-0
1215	Reactive Blue250	1180130-98-6
1216	Reactive Blue268	863505-53-7
1217	Reactive Violet1	70880-03-4
1218	Reactive Violet2	8063-57-8
1219	Reactive Violet4	12769-08-3
1220	Reactive Violet5	12226-38-9

Sr.No.	Product Name	CAS No.
1221	Reactive Violet13	12270-87-0
1222	Reactive Violet14	12270-88-1
1223	Reactive Violet33	69121-25-1
1224	Reactive Violet34	83381-97-9
1225	Reactive Violet40	NA
	Solvent Dyes	
1226	Solvent Yellow 14	842-07-9
1227	Solvent Yellow 18	6407-78-9
1228	Solvent Yellow 16	4314-14-1
1229	Solvent Yellow 21	5601-29-6
1230	Solvent Yellow 25	37219-73-1
1231	Solvent Orange 60	6925-69-5
1232	Solvent Orange 62	52256-37-8
1233	Solvent Orange 63	16294-75-0
1234	Solvent Orange 86	81-64-1
1235	Solvent Orange 105	31482-56-1
1236	Solvent Violet 14	8005-40-1
1237	Solvent Violet 26	2872-48-2
1238	Solvent Violet 36	61951-89-1
1239	Solvent Violet 47	81-63-0
1240	Solvent Blue 4	6786-83-0
1241	Liquid Red 1	92257-31-3
1242	Liquid Yellow 1	29190-28-1 +
1243	Automate Black 1XS	74499-36-8 +
1244	Automate Blue 8A	74499-36-8
1245	Automate Blue 8AHF	74499-36-8
1246	Solvent Yellow 33	8003-22-3
1247	Solvent Yellow 40	61813-78-3
1248	Solvent Yellow 42	NA
1249	Solvent Yellow 43	19125-99-6
1250	Solvent Yellow 44	2478-20-8
1251	Solvent Yellow 56	2481-94-9
1252	Solvent Yellow 62	61901-95-9
1253	Solvent Yellow 77	2832-40-8
1254	Solvent Yellow 79	12237-31-9
1255	Solvent Yellow 82	12227-67-7
1256	Solvent Yellow 85	12271-01-1
1257	Solvent Yellow 88	61931-55-3
1258	Solvent Yellow 93	4702-90-3
1259	Solvent Yellow 95	54466-36-3
1260	Solvent Yellow 98	12671-74-8
1261	Solvent Yellow 114	7576-65-0
1262	Solvent Yellow 124	34432-92-3
1263	Solvent Yellow 126	61968-70-5
1264	Solvent Yellow 131	71819-82-4
1265	Solvent Yellow 135	68427-35-0
1266	Solvent Yellow 141	83929-90-2
1267	Solvent Yellow 142	NA
1268	Solvent Yellow 160.1	35773-43-4
1269	Solvent Yellow 163	13676-91-0
1270	Solvent Yellow 171	27425-55-4

Sr.No.	Product Name	CAS No.
1271	Solvent Yellow 172	80748-21-6
1272	Solvent Yellow 179	80748-21-6
1273	Solvent Orange 7	3118-97-6
1274	Solvent Orange 23	NA
1275	Solvent Orange 54	12237-30-8
1276	Solvent Orange 56	13463-42-8
1277	Solvent Orange 59	61969-46-8
1278	Solvent Orange 107	NA
1279	Solvent Red 1	6535-42-8
1280	Solvent Red 2	5098-94-2
1281	Solvent Red 3	6535-42-8
1282	Solvent Red 8	33270-70-1
1283	Solvent Red 23	85-86-9
1284	Solvent Red 24	85-83-6
1285	Solvent Red 26	4477-79-6
1286	Solvent Red 49	509-34-2
1287	Solvent Red 52	81-39-0
1288	Solvent Red 68	NA
1289	Solvent Red 89	61725-81-3
1290	Solvent Red 91	61901-92-6
1291	Solvent Red 92	61901-93-7
1292	Solvent Red 111	82-38-2
1293	Solvent Red 119	12237-27-3
1294	Solvent Red 122	12227-55-3
1295	Solvent Red 125	12271-00-0
1296	Solvent Red 127	77496-01-6
1297	Solvent Red 130	71839-77-5
1298	Solvent Red 135	71902-17-5
1299	Solvent Red 149	21295-57-8
1300	Solvent Red 155	110616-99-4
1301	Solvent Red 175	ENCS No. 5-5084
1302	Solvent Red 179	6829-22-7
1303	Solvent Red 196	52372-36-8
1304	Solvent Red 197	52372-39-1
1305	Solvent Violet 1	6421-64-3
1306	Solvent Violet 2	61725-86-8
1307	Solvent Violet 8	52080-58-7
1308	Solvent Violet 11	128-95-0
1309	Solvent Violet 13	81-48-1
1310	Solvent Blue 18	2475-45-8
1311	Solvent Blue 35	17354-14-2
1312	Solvent Blue 36	14233-37-5
1313	Solvent Blue 37	3861-73-2
1314	Solvent Blue 38	1330-38-7
1315	Solvent Blue 48	61711-30-6
1316	Solvent Blue 58	29887-08-9
1317	Solvent Blue 59	6994-46-3
1318	Solvent Blue 60	NA
1319	Solvent Blue 67	81457-65-0
1320	Solvent Blue 68	4395-65-7
1321	Solvent Blue 68	4395-65-7

Sr.No.	Product Name	CAS No.
1322	Solvent Blue 78	2475-44-7
1323	Solvent Blue 93	2475-44-7
1324	Solvent Blue 97	32724-62-2
1325	Solvent Blue 98	71819-49-3
1326	Solvent Blue 102	15403-56-2
1327	Solvent Blue 104	116-75-6
1328	Solvent Blue 108	ENCS # 5-3129
1329	Solvent Blue 109	ENCS # 5-5132
1330	Solvent Blue 122	67905-17-3
1331	Solvent Green 3	128-80-3
1332	Solvent Green 7	6358-69-6
1333	Solvent Green 20	28198-05-2
1334	Solvent Green 28	71839-01-5
1335	Solvent Black 7	68389-53-7
1336	Solvent Black 13	NA
1337	Solvent Black 27	12237-22-8
1338	Solvent Black 28	12237-23-9
1339	Solvent Black 29	61901-87-9
1340	Solvent Black 35	61931-53-1
1341	Solvent Black 29	61901-87-9
1342	Solvent Black 45	94765-62-5
1343	Solvent Black 46	65294-17-9
1344	Automate Blue 9HF	29887-08-9 +
1345	Automate Brown 2XS	74499-36-8 +
1346	Automate Brown 2HF XS	74499-36-8 +
1347	Automate Green MX	74499-36-8 +
1348	Automate Green HF MX	74499-36-8 +
1349	Marker 1	111850-24-9
1350	Marker 2	124719-26-2
1351	Marker 3	64742-94-5
1352	Marker 4	NA
1353	Marker 5	NA
1354	Marker 6	111850-24-9 +
1355	Marker 8	NA
1356	Automate Yellow 8HF	29190-28-1 +
1357	Automate Bronze 1XS	29190-28-1 +
1358	Automate Orange 2XS	29190-28-1 +
1359	Automated Red GXS	92257-31-3 +
1360	Automate Orange 2HFXS	92257-31-3 +
1361	Automate Purple XS	92257-31-3 +
1362	Automate Red 10BXS	92257-31-3 +
1363	Automate Red 9BHF	92257-31-3 +
1364	Automate Red IKHF	92257-31-3 +
1365	Automate Red IKHF D50	92257-31-3 +
1366	Liquid Red Dye #3	92257-28-8
1367	Marker 6	111850-24-9 +
1368	Mod "0" Powder	70879-65-1 +
1369	Mod "0" WPC	70879-65-1 +
1370	Mod "12" Powder	70879-65-1 +
1371	Liquid Red 1	92257-31-3
1372	Liquid Red 2	70879-65-1 +

Sr.No.	Product Name	CAS No.
1373	Liquid Yellow 1	29190-28-1 +
1374	Liquid Red 3	92257-28-8
1375	Liquid Red 4	NA
1376	Liquid Red 5	NA
1377	Marker 7	56358-17-9
1378	Liquid Blue 4	NA
1379	Liquid Yellow 2	97660-72-5
1380	TBPAA 2	108313-21-9
1381	Automate Red PB XF	92257-28-8 +
1382	Automate Blue RB	295800-70-3
1383	Automate Blue RB 2	295800-70-3 +
	Vat Dyes	
1384	Vat Yellow 2	129-09-9
1385	Vat Yellow 33	12227-50-8
1386	Vat Yellow 46	40783-05-9
1387	Vat Orange 1	1324-11-4
1388	Vat Orange 2	1324-35-2
1389	Vat Orange 9	128-70-1
1390	Vat Orange 11	2172-33-0
1391	Vat Orange 15	2379-78-4
1392	Vat Orange 29	71459-28-4
1393	Vat Red 10	2379-79-5
1394	Vat Red 13	4203-77-4
1395	Vat Violet 1	1324-55-6
1396	Vat Violet 9	1324-17-0
1397	Vat Violet 13	4424-87-7
1398	Vat Blue 4	81-77-6
1399	Vat Blue 6	130-20-1
1400	Vat Blue 16	6424-76-6
1401	Vat Blue 18	1324-54-5
1402	Vat Blue 19	1328-18-3
1403	Vat Blue 20	116-71-2
1404	Vat Blue 22	6373-20-2
1405	Vat Green 1	128-58-5
1406	Vat Green 3	3271-76-9
1407	Vat Green 9	6369-65-9
1408	Vat Green 26	NA
1409	Vat Brown 3	131-92-0
1410	Vat Brown 11	NA
1411	Vat Brown 33	70210-15-0
1412	Vat Black 16	1328-19-4
1413	Vat Black 25	4395-53-3
1414	Vat Black 27	2379-81-9
1415	Vat Black 34	12271-03-3

Sr.No.	Product Name	CASNo.
2.0	**Intermediates**	
2.1	**Ethoxylated and Acetylated Tertiary Amines**	
	CI-101	92-00-2
	CI-101 A	26692-46-6
	CI-108	91-99--6
	CI-108 A	21615-36-1
	CI-182	120-07-0
	CI-182 A	19249-34-4
	CI-105	92-02-4
	CI-104	28505-89-7
	CI-113	92-50-2
	CI-307	23128-51-0
	CI-313	22588-78-9
	CI-102	92-64-8
	CI-203	22031-33-0
2.2	**Cyanoethylated Amines**	
	CI-107	148-69-6
	CI-208	1555-66-4
	CEMAA	21678-63-7
	NCEA	1075-76-9
	CAMA	26408-28-6
	NCENEA	148-87-8
2.3	**Textile Auxiliaries, Binders, Fixtures**	
	Levocol P-400	25322-68-3
	Levocol DFT	61791-12-6 +
	Levocol PC	61791-12-6 +
	Levocol HTS	61791-12-6 +
	Levocol NID	9016-45-9 +
	Levocol NOD	NA
	Levocol TFL	9016-45-9 +
	Levocol SCR	9016-45-9 +
	Levocol ASD	9016-45-9 +
	Levocol PES	5949-29-1 +
	Levocol KBI	8002-33-3 +
	Levocol DDO	64742-53-6 +
	Levocol D-45	501-24-6 +
	Levocol CE	NA
	Levocol SO 600	67701-03-5 +
	Levocol SR 16	NA
	Levocol FBOL	9016-45-9 +
	Levocol LSF	61791-12-6 +
	Levocol CTPC	NA
	Levocol SMK	NA
	Levocol SWL	9016-45-9 +
	Levocol SDBL	5949-29-1 +
	Levocol PB	5949-29-1 +
	Levocol OA	7775-09-9
	Levocol FX	61791-12-6 +
	Levocol WET	9002-92-0 +

Sr.No.	Product Name	CASNo.
	Levocol NZ	9016-45-9 +
	Levocol LCS	9016-45-9 +
	Levocol ADR	NA
	Levocol CRL	61791-12-6 +
	Levocol VI	9016-45-9 +
	Levocol TEA	141-43-5 +
	Levocol T-96	141-43-5 +
	Levocol SQ	2809-21-4 +
	Levofin IS	NA
	Levofin BS	NA
	Levofin LFD	9002-92-0 +
	Levofin FBSE	NA
	Levofin ELA	NA
	Levocol 4398	5949-29-1
	Levocol BDLS	NA
	Levocol ESR	9002-92-0 +
	Levocol LV	68439-49-6
	Levocol DSS	9016-45-9 +
	Levocol LA	61791-12-6 +
	Levocol MDF	NA
	Levocol CAN	72-92-9 +
	Levocol C-DFX	NA
	Levocol ECA	NA
	Levocol DFL	61791-12-6 +
	Levocol SAR	1310-73-2 +
	Levocol MB070	112-53-8 +
	Levocol MB030	112-53-8 +
2.4	**Textile Finishing Chemicals**	
2.5	**Primary Amine**	
	Para Nitro Aniline	106-47-8
	Meta Nitro Aniline	99-09-2
	2-Chloro 4-Nitro Aniline	121-87-9
	Meta Chloro Aniline	108-42-9
	Para Anisidine	104-94-9
	3-Amino 4-Methoxy Acetanilide	6375-47-9
	Meta Amino Acetanilide	102-28-3
	DCPNA	99-30-9
	6-Bromo DNA	1817-73-8
	6-Chloro DNA	3531-19-9
	DBPNA	827-94-1
	2-6 DBPT	6968-24-7
	Metanilic Acid	121-47-1
	MPDDSA	137-50-8
	MAP	591-27-5
	CI-1010	6968-24-7
	MUA	25711-72-2
	MAMS, CI-4102, CI-4006, CBPNA, CI-188, CNBPNA	NA
	BDSA	117-61-3

Sr.No.	Product Name	CASNo.
2.6	**Anthraquinone Intermediates**	82-45-1; 40898-13-3; 81-64-1; 116-81-4; 116-82-5; 98210-99-2; 81-41-4; 5327-72-0; 81-55-0; 128-81-4; 117-57-7; 82-44-0, 129-44-2, 82-46-2, 82-43-9, ++
2.7	**Benzanthrone**	82-05-3
2.8	**Ethylated Tertiary Amines**	
	CI-110E	186453-43-0
	CI-110P	92-50-2
	CI-218	26322-20-3
	CI-304	21608-06-0
	CI-309	51868-45-2
	CI-311	19433-94-4
	CI-312	19433-93-3
	CI-314	92408-44-1
	CI-319	53733-94-1
	CI-322	61038-96-8
	CI-353	22185-75-7
	CI-359	6375-46-8
	CI-363	26841-42-9
	DEMAP	91-68-9
	DEMT	91-67-8
	E.B.A.	92-59-1
	EBMT	119-94-8
	MEA	141-43-5
	DEA	91-66-7
	MEMT	102-27-2
	CI-243, CI-244, CI-301, CI-242, CI-263, CI-266, CI-252, CI-257, CI-607,CI-315, CI-151, CI-118, CI-210, MEAMA, MEMAA	NA
2.9	**Quinoline**	
	DioxyQuinoline	91-22-5
	3-Hydroxy Quinoline	117-57-7
	Hydroxy Methyl Quinoline	1677-46-9
2.10	**Pyridone derivatives**	
	Butyl Pyridone	39108-47-9
	Methyl Pyridone	39621-10-8
	Ethyl Pyridone	28141-13-1
	Dichloro Pyridines	110-86-1
	ECA	105-56-6
	MDN	109-77-3
	Alkylated Amino Pyridine	NA
2.11	**Optical Whitener (Optical Brightening Agent/ OBA)**	13001-40-6
2.12	**Dispersing Agent - SCS**	71342-95-5
	Dispersing Agent - O45	8061-51-6
	Dispersing Agent - CS-28	8061-51-6
	Dispersing Agent - MN	36290-04-7
	Dispersing Agent - MF	36290-04-7

Sr.No.	Product Name	CASNo.
2.13	**Dispersing DDP**	36290-04-7
2.14	**Naphthalene Derivatives**	
	H-Acid	90-20-0
	J-Acid	134-47-4
	G-Salt	842-19-3
	Amido G-Salt	
	K-Acid	5398-34-5
	Gamma Acid	90-51-7
	NMJ Acid	22346-43-6
2.15	**Vinyl Sulphone Derivatives**	
	Para Base Vinyl Sulfone Ester	2494-89-5
	VS	2494-89-5
	Sulpho OAVS	121-88-0
	OAVS PCVS	10079-20-6
	Sulpho VS	42986-22-1
	M-Base VS	2494-88-4
	o-Base VS	81092-83-3
2.16	**D.A.S.A.**	16803-97-7
2.17	**2 NAPDSA**	135-11-5
2.18	**4 NAPDSA**	91-29-2
2.19	**F.C. Acid**	119-70-0
2.20	**6 Chloro Metanilic Acid**	98-36-2
2.21	**Nitrosylsulfuric Acid**	7782-78-7
3.0	**Ferrous Sulphate including Metal/ Mineral Sulfate**	7782-63-0
4.0	**Speciality Chemicals**	Severals
4.1	Antioxidant/Coating chemicals, Polymer emulsion, Adhesive/	Severals
	Resins	Severals
5.1	**Formulation & Spray Drying of Disperse Wet Press Cake**	N.A.
5.2	**Formulation & Spray Drying of Acid & Reactive Dyes wpc**	N.A.
6.1	**Disperse/ Vat Dyes/Pigment Ink Formulation**	N.A.
6.2	**Reactive/Acid/Direct Dyes Ink Formulation**	N.A.

ANNEXURE – 2

PRODUCT WISE RAW MATERIAL CONSUMPTION

Sr. no.	Name of the Products	Name of the Raw Materials	CAS / CI no. of raw materials.	Raw material Required per ton of product manufactured In Kg	Raw material Required For Total 2550 MT/Month In Kg	Raw material Required For proposed 350 MT/Month in kg	Raw material Required For proposed 2900 MT/Month in kg
1	**Azo Disperse Dyes (A1)**	Primary Amine*		231	589050	80850	669900
		DNBRA/DNCLA/DCPAN/PNA/CPNA/OCPNA/PCONA/DR-19/CBPNA/3 APBS 50 %/PAA/PCA/ONA/6 NBT/DCBT/6 Me.BT/DBPT 50%/CI-4009/CI-4018/DCA/DNA/NAP/ID 3014/PAABSA/DB-7/DB-13/A.H.Chloride/ID-3415/DR-18/ ID-3113/ID-3118/CI-2010 / CI-4006/ID-3310 /CI-4012/D-3114/DBPNA/ AI-17/ID-3120/ID-4231/PAABPN/PAABSF/ID-3121/MNA/ONPA/ PA/6-BrDNA/ CI-1010/AI-164/DR-15/ACTP/ACNTP/CDMATP/D-5114/PD-4700/DBVSCH					
		H2SO4 / HCl/Phosphoric acid		730	1861500	255500	2117000
		Sod. Nitrite/NSA		78	198900	27300	226200
		Sulfamic		7	17850	2450	20300
		Acetic Acid / Formaldehyde/DMF		46	117300	16100	133400
		C.S.L./ Soda Ash/ Sod. Bi Carb / S.B.S./ Sod. Acetate		130	331500	45500	377000
		Emulsifier		4.5	11475	1575	13050
		Couplers*		259	660450	187250	1551500
		CI-307/CI-309/CI-312/CI-313/CI-304/CI-311/CI-353/CI-359/CI-319/CI-322/CI-314/CI-363/CI-203/CI-102/CI-208/CI-218/CI-280/Phenol/NCE NEA/CI-107/CI-182/CI-105/CI-403/CI-406/CI-411/CI-201/CI-108A/CI-101A/CI-113/CI-117/CI-110E/CI-110P/DEMT/Quinolenes/Para Cresol/OA/CI-301/CI-315/CI-635/CI-400/CR-10/CR-9/CI-122/CI-210/CI-223/CI-242/CI-243/CI-244/CI-252/CI-257/CI-263/CI-266/CI-267/CI-104/CI-200/HMQ/DEMAMS/DPMAMS/CI-302/CI-303/CI-199/DPA/ID-3115/CI-151/CI118/CI548/CI-1042(A)/ CI-104(B)/ ID-4109/Naphthol AS-RL				0	0
		Dispersing Agent		510	1300500	178500	1479000
		Total		**2515.5**	**5005125**	880425	5885550
2	**Azo Disperse Dyes (A2)**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 2550 MT/Month In Kg**	**Raw material Required For proposed 350 MT/Month in kg**	**Raw material Required For proposed 2900 MT/Month in kg**
		Benzoyal Chloride / DEMAP		505	1287750	176750	1464500
		Condensating Agent (Acetic Acid / ECA / LEO)		300	765000	105000	870000
		Sulfonating Agent		650	1657500	227500	1885000
		OPDA / M. Toluidine / ID – 8568 / ID 8569		400	1020000	140000	1160000
		DMF		1355	3455250	474250	3929500
		POCL3		370	943500	129500	1073000
		Alkylating Agent		505	1287750	176750	1464500
		Soda Ash / TEDA / TEA		150	382500	52500	435000

		Hydrochloric Acid / Sulfuric Acid		1250	3187500	437500	3625000
		Ethyl Cyano Acetate / DCM (S)		248	632400	86800	719200
		POCL3 / Liquid Bromine		205	522750	71750	594500
		NaCN		15	38250	5250	43500
		Sodium Acetate		450	1147500	157500	1305000
		Total		**6403**	**16327650**	**2241050**	**18568700**
3	**Azo Acid & Solvent Dyes**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 2550 MT/Month In Kg**	**Raw material Required For proposed 350 MT/Month in kg**	**Raw material Required For proposed 2900 MT/Month in kg**
		Amino Resorcinol/F.C. Acid/4-NAPSA/4-CAP/4-CAPSA/PPDSA/PAAB4SA/P.N.A./ Nitro F.C. Acid/OAPSA/1:2:4-Diazo/ D.P.E./4-NAP/5-NAP/ 2:5-DCSA/ DASA/NAPSA/2:5-Xylidine/DCOAP/2-NADAPSA/ Metanilic acid/ Sulphanilic acid/Aniline oil/ Tobia's acid/Bronner's acid/naphthionate/2-Amino BYF/ 3-AminoBTF/5-Chloro-2-Amino BTF/ Anthranilic acid/Sulpho-Anthranilic acid/3-Amino-4-Hydroxy-N-PhenylBSA/ ID-8890/AR-12/ AR-42/AR-6/ID-1001/PAA/2-Me-5-Amino-N-(2'-Hydroxy) BSA		375	956250	131250	1087500
		B.C.S./ Chromium Acetate/ Ferrous Sulphate/ Cobalt Sulfate/ Chromium formate		100	255000	35000	290000
		Periacid/A.A.A./ A.N.A/ Resorcinol/ J-acid /Gamma acid/Phenyl periacid/Anisidyl-J-acid/2:5-Pyrazolone/1:3:5-PMP/M.P.D./OCP/G-salt/ MODSA/P.T.A./ Cleave's acid/ Betanaphthol/ N-Phenyl-2-Naphthylamine/ MSPHCP/5-Amino Pyrazole/2-mthyl indole/2:6-Dichloro-4-Methyl-3-CyanoPyridine/ PYMIPS/Phenol/Cresol		350	892500	122500	1015000
		M.E.G./Dowanol DPM/ IPA/ n-Butanol/ Benzoyl Chloride/ PTSC/H_2O_2/ Glucose/Tetra methyl dec-5-in-4:7-diol		200	510000	70000	580000
		H2SO4/ Chlorosulfonic acid/ HCl/ Oleum 23% / 65%/ Formic acid/ Acetic acid		1780	4539000	623000	5162000
		Sulphamic Acid		13	33150	4550	37700
		Caustic soda lye / Soda ash/ SBS/SBC/ABS (C10-C13) Na salt/ Sodium persulfate/Pottasiumpersulfate/ Liq. Ammonia/ Diethanolamine/ Triethanolamine		800	2040000	280000	2320000
		V.Salt/. Glauber salt		2000	5100000	700000	5800000
		Total		**5618**	**14325900**	**1966300**	**16292200**
4	**Azo Disperse Dyes (A3)**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For 100 MT/Month In Kg**	**Raw material Required For proposed -100 MT/Month in kg**	**Raw material Required For Total 0 MT/Month In Kg**
		Mono Azo Dye		585	58500	-58500	**0**
		Copper Cyanide		125	12500	-12500	**0**
		Metal Catalyst 119		150	15000	-15000	**0**
		Sodium Cyanide		60	6000	-6000	**0**
		D.M.F. (Fresh)		900	90000	-90000	**0**
		D.M.F. (Recovered)		600	60000	-60000	**0**
		HCl		550	55000	-55000	**0**
		Chlorine		80	8000	-8000	**0**
		C.S.L.		125	12500	-12500	**0**
		Dispersing Agent		630	63000	-63000	**0**
		Total		**3805**	**380500**	**-380500**	**0**
5	**Aq Acid & Solvent Dyes**			**Raw material Required per ton of product manufactured**	**Raw material Required For 25 MT/Month**	**Raw material Required For proposed 0 MT/Month in**	**Raw material Required For Total 25 MT/Month**

				In Kg	**In Kg**	**kg**	**In Kg**
		LeucoQuinizarine/ Quinizarine/ Bromamine acid/ DIACOX		640	16000	0	16000
		p-Toluidine/ p-Amino acetanilide/ m-Amino Acetanilide/ ID-2608/ Aniline/p-t-butylaniline/p-n-butylaniline/ Mesitidine/Ethyldimethylaniline/Mesitinic acid/2:4-Diamino toluene/ tert-Butyl Benzene/ MLCA/NBA/Chloroacetamide/Benzamide		350	8750	0	8750
		H2SO4/ Chlorosulfonic acid/ HCl/ Oleum 23% / 65%/ Formic acid/ Acetic anhydride/		1250	31250	0	31250
		Soda ash/ Caustic Soda lye/ Sodium Acetate/ SBC		850	21250	0	21250
		Boric acid/ Hydrosulfite/ CuCl/ Copper Sulphate/Copper Acetate/ Vaccum Salt		2560	64000	0	64000
		Methanol (F)/ Methanol (R)		8300	207500	0	207500
		Total		**13950**	**348750**	**0**	**348750**
6	**Anthraquinone Disperse Dyes**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For 50 MT/Month In Kg**	**Raw material Required For proposed -50 MT/Month in kg**	**Raw material Required For Total 0 MT/Month In Kg**
		AI-106/ DCDAAQ/ LDAAQ/ QUINIZARINE/ AB 45/ IMIDE/ QH8MX/ Bromamine Acid/ Terephthaldehyde/ 3-OXY/ Hippuric Acid		575	28750	-28750	0
		K2CO3/ KOH/ CSL/ Sodium Acetate/ SodaAsh		313	15650	-15650	0
		Boric acid		21	1050	-1050	0
		Sodium Hydrosulfite		23	1150	-1150	0
		Phenol/ Hexane Diol/ Aniline/ MHPN/ MPA/ EPA/ PTA/ MMA/ MEA/ PTSA/ Acetic Anhydride		846	42300	-42300	0
		Sulfuric Acid		605	30250	-30250	0
		Chlorosulfonic Acid		220	11000	-11000	0
		HCl		260	13000	-13000	0
		Bromine		7	350	-350	0
		ODCB		401	20050	-20050	0
		DMF		33	1650	-1650	0
		MEG		61	3050	-3050	0
		MeOH (F)		3346	167300	-167300	0
		MeOH(R)		5340	267000	-267000	0
		Dispersing Agent		500	25000	-25000	0
		Total		**12551**	**627550**	**-627550**	**0**
7	**Vat Dyes**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For 50 MT/Month In Kg**	**Raw material Required For proposed -50 MT/Month in kg**	**Raw material Required For Total 0 MT/Month In Kg**
		Benzanthrone/ Dimethyl Aniline/ 1:4 LDAAQ/ CD-1/ 1:5 DAAQ/ 1- Amino AQ/ Anthranilic Acid/ CD-6		1940	97000	-97000	0
		Dimethyl Sulfate/ Diethyl Sulfate/ Benzoyl Chloride		1050	52500	-52500	0
		Sulfuryl Chloride		440	22000	-22000	0
		Resist Salt		30	1500	-1500	0
		Solvent (F)		1650	82500	-82500	0
		Solvent (R)		7060	353000	-353000	0
		Sulfuric Acid/ Hydrochloric Acid		24500	1225000	-1225000	0
		Copper Chloride/ Manganese Dioxide/ Potassium Di Chromate/ Magnesium Oxide/ Alluminium Chloride		990	49500	-49500	0
		Sodium Nitrite		175	8750	-8750	0
		Potassium Hydroxide/ Sodium Bi Sulfite/ Caustic soda Lye/ Soda Ash/ Sodium Sulfite		9125	456250	-456250	0
8	**Azo Reactive Dyes-1**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For 1000 MT/Month In Kg**	**Raw material Required For proposed -300 MT/Month in kg**	**Raw material Required For Total 700 MT/Month In Kg**
		C-Acid/ Tobia's acid/ VS/OAVS/PCVS/Sulfo VS/6-OAPSA/NBSMPB/ K-Acid/ SulfoTobia's Acid/ ID-3309/ID-3305/Bronner's VS/ ID-5309/ ID-3309/ MPDDSA/MPDSA/PPDSA/PAOSA/ASPYPK/5-Sulpho/4-Sulpho anthranilic acid/3-Acetylamino-		350	350000	-105000	245000

		5-amino-4-hydroxybenzenesulfonic acid/4'amino-4-nitrostilbene-2,2'-disulfonic acid/DASDSA/7-aminonaphthalene-1:3:5 Trisulphonic acid/ Copper phthalocyanine/Nickel Phthalocyanine/ Copper formazanechromophore					
		H-Acid/J-acid/Gamma acid/ NMJ-acid/2R-acid/ MUA/MMA/AMA/MPDA/PPDA/PAA/MAA/ PMP/ID-1816/SPMP/SPCP/ Metanilic/Sulphanilic/Orthanilic Acid/ Benzaldehyde-(2-carboxy-4-sulfophenyl)-hydrazone/ Benzaldehyde-(2-carboxy-5-sulfophenyl)-hydrazone /BOSA/Resorcinol/Violet Acid/ CyCl3/TECP/TCP/TFP/FCP/TFT/3-Nitro-benzoylchloride/4-Nitrobenzoylchloride/BC		367	367000	-110100	256900
		Hydrochloric acid/Acetic acid/Sulphuric acid		267	267000	-80100	186900
		Soda ash/SBC/CS lye/Sodium Acetate/Ammonia/ MSP/DSP/TSP/Urea/Glycine/Ethanol amine		255	255000	-76500	178500
		Sodium Nitrite/ Sulfamic acid/ Acetic anhydride/ Emulsifier/Surfactant/Deformer/Sp.chemical/ Copper Sulphate/Copper Acetate/ V-Salt/Glauber salt		1829.6	1829600	-548880	1280720
		Total		**3068.6**	**3068600**	**-920580**	**2148020**
9	**Solvent Dyes for Automotive**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For proposed 200 MT/Month in kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 200 MT/Month In Kg**
		24XLD/ 25 XLD/ 26 XLD/ 4-Nitro Aniline/ Aniline/ 3, 4 DCA/ Mixed Toluidine / Mix XLD/ OT Liquid/ p-DDA		204	40800	0	40800
		Heptene/ Cresylic Acid/ Xylene/ Dowanol DPM/ solve SSO 200/ UNINAP 40 JS/ UNIAROM 200 ND/ Metsol 150 ND/ Metsol 200 ND		506	101200	0	101200
		Alpha Nepthol/ B- Nepthol/ Di-sec- Butyl Phenol/Resorcional		180	36000	0	36000
		2-Ethyl Hexylamine/ 3- MethoxyPropylamine/ Amino Propyl Morpholine/ Methylamine 40%/Monoamylamine		79	15800	0	15800
		Caustc Potash/ Caustic Soda/ Soda Ash/ Sod. Meta Bi Sulphite/ 23% Ammonia/ Sod. Acetate/ Sod. Formate		261	52200	0	52200
		HCL/ H2SO4/ Zncl2/ Oleic Acid/ Acetic Acid		474	94800	0	94800
		Ammonium Sulphate Salt/ Sodium Nitrate		321	64200	0	64200
		Anitform A/ Demulsifier/ Petrotec 7400/ PHZ 3300/ NIAPROOF/ Surf 08		3.5	700	0	700
		Xylene Recovered		20	4000	0	4000
		Total		**2048.5**	**409700**	**0**	**409700**
10	**TPM Dyes**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 0 MT/Month In Kg**	**Raw material Required For Total 0 MT/Month In Kg**	**Raw material Required For Total 0 MT/Month In Kg**
		CI-1006/ BOSA/ E-Acid/ BDSA/ DEMAP/ DEA/ G- Base/ 2:7 NDSA/ DEMT/ PCB/ OCB/ P. Phenitidine/ EBA		1110	0	0	0
		Sulphuric Acid/ HCL/ Oleum/ Acetic Acid		1100	0	0	0
		L. Amonia/ Formaldehyde/ Sodium Acetate/ Oxalic Acid/ Mang. Sulph.		257	0	0	0
		Soda Ash/ Caustic Lye		693	0	0	0
		Sodium Sulphate/ Vacuum Salt		1910	0	0	0
		Lead Acetate/ Sod.Bi Chromate/ Chromic Acid/ KMnO4/ Lead Dioxide		297	0	0	0
		Total		**5367**	**0**	**0**	0
11	**Azo Reactive Dyes-2**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 3500 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 3500 MT/Month In Kg**
		Primary Amines*		267	934500	0	934500
		Coupler*		248	868000	0	868000
		Sod. Nitrite		68	238000	0	238000

		$CYCL_3$		40	140000	0	140000
		Soda Ash/ Soda Bi Carb/ NaOH		192	672000	0	672000
		HCl/ H_2SO_4		75.5	264250	0	264250
		Sulfamic Acid		3	10500	0	10500
		Acitican Hydride		2	7000	0	7000
		Total		**895.5**	**3134250**	**0**	**3134250**
12	**Azo Reactive Dyes-3**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 400 MT/Month In Kg**	**Raw material Required For proposed - 200 MT/Month in kg**	**Raw material Required For Total 200 MT/Month In Kg**
		Can. Agent		245	98000	-49000	49000
		CPC		394	157600	-78800	78800
		CYCL3		11	4400	-2200	2200
		Methanol		22	8800	-4400	4400
		Pyridine		3.3	1320	-660	660
		Soda Ash / Sodium Bicarb / NaOH		158	63200	-31600	31600
		HCL		242	40000	-20000	20000
		Chloro Sulfonic Acid		1536	614400	-307200	307200
		Oleum		112	44800	-22400	22400
		PCL3		186	74400	-37200	37200
		V-Salt		58	23200	-11600	11600
		Total		**2967.3**	**1130120**	**-565060**	**565060**
13	**Ethoxylated& Acetylated Tertiary Amines**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For 600 MT/Month In Kg**	**Raw material Required For proposed 300 MT/Month in kg**	**Raw material Required For Total 900 MT/Month In Kg**
		M. C. Aniline/ M. Toluidine/ M.A. Acetanilide/ 3A.4Me.Acetanilide/ NCEA(84%)/ NCE.M.A.ACT(75%)/ 3NCE4ME.ACT.(80%)/ M.E.Aniline/ Aniline Oil		700	420000	210000	630000
		Ethylene Oxide		400	240000	120000	360000
		Acetic Acid		60	36000	18000	54000
		Soda Ash		5	3000	1500	4500
		Acetic Anhydride		725	435000	217500	652500
		Total		**1890**	**1134000**	**567000**	**1701000**
14	**Cyanoethylated Amines**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For 150 MT/Month In Kg**	**Raw material Required For proposed 150 MT/Month in kg**	**Raw material Required For Total 300 MT/Month In Kg**
		Aniline Oil/ M.A. Acetanilide/ M. Ethyl Aniline/ 3A 4 Methoxy Acetanilide/		725	108750	108750	217500
		M. Ethyl Meda Toluidine					
		Acrylonitrile (F)		415	62250	62250	124500
		Acrylonitrile (Recovered)		40	6000	6000	12000
		Acetic Acid		125	18750	18750	37500
		Hydroquonone		5	750	750	1500
		Sodium Acetate		22	330	330	660
		Zinc Chloride		47	7050	7050	14100
		Total		**1379**	**203880**	**203880**	**407760**
15	**Textile Auxiliaries & Textile Finishing Chemical**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 4000 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 4000 MT/Month In Kg**
		Caster Oil/ Diethylene Glycol/ NonylPhenol/ Pine Oil/ PB – 5/ Monoethanol Amine/ ADL/ Fatty Acid/ QA 1000/ T.F.O./ Stearic Acid/ OllylSetyl Alcohol/ Lauryl Alcohol/ W 150/ Citric Acid/ Tarteric Acid/ Britex 3100		287	1191050	0	1191050
		Ethylene Oxide		408	1693200	0	1693200
		Pottasium Hydroxide		1.5	6225	0	6225
		Sulfamic Acid		6.7	27805	0	27805
		Acid Slurry/ T.R.O./ SP - 99		45	186750	0	186750
		Deformer		1	4150	0	4150
		EDC/ ODCB/ Butanol		47	195050	0	195050
		Sulfuric Acid		0.5	2075	0	2075
		Hydrogen Peroxide		3.3	13695	0	13695
		M.S.D.P.		2	8300	0	8300
		Total		**802**	**3328300**	**0**	**3328300**

16	**Primary Amines**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 300 MT/Month In Kg**	**Raw material Required For Total 300 MT/Month In Kg**	**Raw material Required For 600 MT/Month In Kg**
		P. Nitro Chloro Benzene/ DinitroChloro Benzene/ Para Nitro Aniline/ Para Toluidine/ Cyano P.N.A./ Para Anisidine/ Meta Nitro Aniline/ Meta Amino Phenol/ M. Nitro Chloro Benzene/ Meta Dinitro Benzene/ Nitro Benezene		1225	367500	367500	735000
		Ammonia Liquer/ Gas/ Acetic Anhydride/ MSC		310	93000	93000	186000
		PCL/ BSC		250	75000	75000	150000
		Chlorine/ Bromine		260	78000	78000	156000
		Acetic Acid		55	16500	16500	33000
		Nitric Acid		67	20100	20100	40200
		Reducing Agent (Iron, NaSH)		860	258000	258000	516000
		Sodium Bi Sulfite		45	13500	13500	27000
		Hydrochloric Acid/ Sulfuric Acid		1460	438000	438000	876000
		Caustic soda lye		62	18600	18600	37200
		Mono Chloro Benzene/ Methanol		700	210000	210000	420000
		Liquer Ammonia (R)		880	264000	264000	528000
		Hydrochloric Acid (R)		785	235500	235500	471000
		Nitro Benzene (R)/ Mono Chloro Benzene (R)/ Methanol (R)		1520	456000	456000	912000
		Soda ash / C.S. Flakes / Lime / MgO		25	7500	7500	15000
		Total		**8504**	**2551200**	**2551200**	**5102400**
17	**2:4 DinitroChloro Benzene**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 0 MT/Month In Kg**	**Raw material Required For Total 0 MT/Month In Kg**	**Raw material Required For Total 0 MT/Month In Kg**
		Mono Chloro Benzene		625	0	0	0
		Nitric Acid		730	0	0	0
		Sulfuric Acid		2500	0	0	0
		Sodium Bi Sulfite		6	0	0	0
		Total		**3861**	**0**	**0**	**0**
18	**Anthaquinone Intermediates**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For 75 MT/Month In Kg**	**Raw material Required For -75 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**
		1 Amino Anthraquinone/ Anthraquinone/ Phthalic Anhydride/ p. Chloro Phenol		1334	100050	-100050	0
		Sulfuryl Chloride/ Bromine/ Britex 3100		687	51525	-51525	0
		Sodium Sulfate/ Vacuum Salt/ Calcium Chloride/ Sodium Nitrate/ Magnesium Chloride/ Calcium Hydroxide		1458	109350	-109350	0
		Sulfuric Acid/ Oleum 23%/65%		6280	471000	-471000	0
		Nitric Acid		126	9450	-9450	0
		Hydrochloric Acid		1775	133125	-133125	0
		Boric Acid		168	12600	-12600	0
		Caustic Soda flakes/ Sodium Bi Carbonate		168	12600	-12600	0
		Sodium Sulfide		274	20550	-20550	0
		Sodium Bi Sulfite		23	1725	-1725	0
		Liq. Ammonia 23%		838	62850	-62850	0
		Sod. Hydro Sulfite		168	12600	-12600	0
		ODCB/ MCB (F)		137	10275	-10275	0
		ODCB / MCB (R)		1240	93000	-93000	0
		C.S.L.		360	27000	-27000	0
		Total		**15036**	**1127700**	**-1127700**	**0**
19	**Anthaquinone**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 0 MT/Month In Kg**	**Raw material Required For Total 0 MT/Month In Kg**	**Raw material Required For Total 0 MT/Month In Kg**
		Phthalic Anhydride		740	0	0	0
		Benzene		400	0	0	0
		Alluminium Chloride		1335	0	0	0
		Sulfuric Acid		6600	0	0	0
		Soda Ash		2000	0	0	0
		Caustic Soda Lye		80	0	0	0
		Total		**11155**	**0**	**0**	**0**
20	**Benzanthro**			**Raw material**	**Raw material**	**Raw material**	**Raw material**

	ne			**Required per ton of product manufactured In Kg**	**Required For 50 MT/Month In Kg**	**Required For proposed 0 MT/Month in kg**	**Required For Total 50 MT/Month In Kg**
		Anthraquinone		1130	56500	0	56500
		Glecerine		600	30000	0	30000
		Sulfuric Acid		5650	282500	0	282500
		Iron Power		365	18250	0	18250
		Toluene		650	32500	0	32500
		Toluene (R)		4350	217500		217500
		Total		**12745**	**637250**	**0**	**637250**
21	**Ethylated Tertiary Amines**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 400 MT/Month In Kg**	**Raw material Required For proposed - 100 MT/Month in kg**	**Raw material Required For Total 300 MT/Month In Kg**
		MAA/Aniline/MT/NEMAA/M.A.Propionilide/NEAMA/AMA/MPDA/CI-102/CI-110IInd/MAP/MEMT/MMA/CEAMA/NCEA/CEMAA		820	328000	-82000	246000
		Diethyl sulfate/ N. Propyl Bromide/ 3 Chl. Propionyl Chl./ Allyl Chloride/		2340	936000	-234000	702000
		Ethyl Chloride/MEM/R-11/R-38/TC/POCL3/ID-3116/ID-20019/ID3151/Benzyl chloride/ BC/Acrylic acid					
		Xylene/ Acetic Acid		350	140000	-35000	105000
		Sodium Acetate		75	30000	-7500	22500
		Hydrochloric Acid/ Sulfuric Acid		55	22000	-5500	16500
		Caustic Soda Lye/ Soda Ash		575	230000	-57500	172500
		Total		**4215**	**1686000**	**-421500**	**1264500**
22	**Quinoline**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For 0 MT/Month In Kg**	**Raw material Required For 30 MT/Month In Kg**	**Raw material Required For 30 MT/Month In Kg**
		Methyl Anthranilate/ Anthranilic Acid		1550	0	46500	46500
		Methyl Ester/ Dimethyl Sulfate		2150	0	64500	64500
		C.S.L.		860	0	25800	25800
		MCB fresh		35	0	1050	1050
		MCB (Recovered)		330	0	9900	9900
		Pott. Hyd.		190	0	5700	5700
		Sulfuric Acid		1370	0	41100	41100
		Acetic Anhydride		3000	0	90000	90000
		Total		**9485**	**0**	**284550**	**284550**
23	**Pyridone**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For 50 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 50 MT/Month In Kg**
		E.C.A./ Acetyl Sulfonyl Chloride		850	42500	0	42500
		M.M. Amine/ M.E. Amine/ N.B. Amine		670	33500	0	33500
		Methyl Ester		1000	50000	0	50000
		Hydrochloric Acid		760	38000	0	38000
		Caustic Soda Flakes		30	1500	0	1500
		Total		**3310**	**165500**	**0**	**165500**
24	**Optical Whitener (Optical Brightening Agent/ OBA)**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 300 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 300 MT/Month In Kg**
		OCT/CYCl3		260	78000	0	78000
		CI-502		2.5	750	0	750
		P15/Primary Amines/DASDSA		300	90000	0	90000
		Terephthaldehyde/DEA/MEA		115	34500	0	34500
		Chlorine		205	61500	0	61500
		CS Flakes		75	22500	0	22500
		DMF/Methanol (F)		250	75000	0	75000
		DMG/Methanol (R)		300	90000	0	90000
		Glycol/NKS/Dispersing Agent/Surface Active Agent/Salt		750	225000	0	225000
		Total		**2257.5**	**677250**	**0**	**677250**
25	**Dispersing Agent**			**Raw material Required per ton**	**Raw material Required**	**Raw material Required For**	**Raw material Required**

	SCS/045/CS-28/ MN/MF/ DDP			**of product manufactured In Kg**	**For 1350 MT/Month In Kg**	**proposed 1650 MT/Month in kg**	**For Total 3000 MT/Month In Kg**
		Naphthalene/2-Methyl Naphthalene/Cresol/ CI Oil/ Creoseto Oil/ ID 7500/ Lignite/Phenol		510	688500	841500	1530000
		Oleum 23%/Sulfuric Acid/ Sodium Sulfite		550	742500	907500	1650000
		Formaldehyde		290	391500	478500	870000
		C.S.L.		587	792450	968550	1761000
		Total		**1937**	**2614950**	**3196050**	**5811000**
26	**BDSA**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 0 MT/Month In Kg**	**Raw material Required For Total 0 MT/Month In Kg**	**Raw material Required For Total 0 MT/Month In Kg**
		I.S.		350	0	0	0
		KMnO4		500	0	0	0
		Sulfuric Acid		4050	0	0	0
		Oleum		1250	0	0	0
		MnSO4		2075	0	0	0
		Total		**8255**	**0**	**0**	**0**
27	**G. Base**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 0 MT/Month In Kg**	**Raw material Required For Total 0 MT/Month In Kg**	**Raw material Required For Total 0 MT/Month In Kg**
		D.E.A.		1050	0	0	0
		Formaldehyde		115	0	0	0
		Sulfanilic Acid		14	0	0	0
		Total		**1179**	**0**	**0**	**0**
28	**Naphthalene 2:7 DSA/ E. Acid/ EBMTSA/ BOSA**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 0 MT/Month In Kg**	**Raw material Required For Total 0 MT/Month In Kg**	**Raw material Required For Total 0 MT/Month In Kg**
		Naphthalene/ E.B.A./ EBMT/ O.C.B.		865	0	0	0
		Sulfuric Acid/ Oleum 65%/ Oleum 23%		1755	0	0	0
		Soda Ash/ SBS		793	0	0	0
		Caustic Lye		158	0	0	0
		Sodium Sulphate/ Vacuum Salt		616	0	0	0
		Total		**4187**	**0**	**0**	**0**
29	**Napthalene Derivatives**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For 400 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 400 MT/Month In Kg**
		Tobias Acid/ J Acid/ Beta Naphthol/ G Salt/ Amido G Acid/ Mono Methyl Amine/ Naphthalene/ Sodium Sulphate/ C.I.P./Methanol		800	320000	0	320000
		Oleum 65%/ Oleum 23%/ Sulphuric Acid98%/ Nitric Acid 60%/ Sulphuric Acid30%		2613	1045200	0	1045200
		Caustic Lye/ Caustic Flaks/ Potash Flaks/ Liq.Ammonia/ Caustic Prills/ Soda Ash/ Lime Stone Powder/ SBS/ Salt		3225	1290000	0	1290000
		Total		**6638**	**2655200**	**0**	**2655200**
30	**Vinyl Sulphone Derivatives**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For 800 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 800 MT/Month In Kg**
		Acetanilide/Aniline/orthoanisidine/p-Cresidine/ CSA/Sulphuric acid/Oleum 65%/Acetic acid/ Acetic anhydride/Phosphoric acid/HCl		2031	1624800	0	1624800
		Caustic soda/Soda Ash/Lime Stone powder/ SBS/SodiumSulphite/KCl/ammonium sulphate/ CIP		711	568800	0	568800
		Ethylene Oxide		274	219200	0	219200
		Recovered Acetic acid		213	170400	0	170400
		Total		**3229**	**2583200**	**0**	**2583200**
31	**D.A.S.A.**			**Raw material Required per BatchIn Kg (Batch Size**	**Raw material Required For 20 MT/Month**	**Raw material Required For proposed 0 MT/Month in**	**Raw material Required For Total 20 MT/Month**

				1680 Kg)	**In Kg**	**kg**	**In Kg**
		Acetanilide		1200	14286	0	14286
		CSA		4800	57143	0	57143
		PNA/ H2SO4/ CIP/ Soda Ash		3000	35714	0	35714
		Sod Ash		700	8333	0	8333
		Caustic lye		720	8571	0	8571
		H2SO4 20-25%		4000	47619	0	47619
		Total		**14420**	**171666**	**0**	**171666**
32	**2 NAPDSA**			**Raw material Required per Batch In Kg (Batch Size 1650 Kg)**	**Raw material Required For 10 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 10 MT/Month In Kg**
		H2SO4		3000	18182	0	18182
		PNA					
		CIP					
		Soda Ash					
		ONCBSA		2471	14976	0	14976
		Soda Ash					
		Dil. H2SO4		2000	12121	0	12121
		Total		**7471**	**45279**	**0**	**45279**
33	**4 NAPDSA**			**Raw material Required per Batch In Kg (Batch Size 1650 Kg)**	**Raw material Required For 8 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 8 MT/Month In Kg**
		H2SO4		3000	14545	0	14545
		PNA					
		CIP					
		Soda Ash					
		PNCBSA		2471	11981	0	11981
		Soda Ash					
		Dil. H2SO4		2000	9697	0	9697
		Total		**7471**	**36223**	**0**	**36223**
34	**F.C. Acid**			**Raw material Required per Batch In Kg (Batch Size 1500 Kg)**	**Raw material Required For 5 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 5 MT/Month In Kg**
		H2SO4		3000	10000	0	10000
		PNA					
		CIP					
		Soda Ash					
		PNCBSA		2471	8237	0	8237
		Soda Ash					
		Dil. H2SO4		2000	6666	0	6666
		Soda Ash		3250	10833	0	10833
		CIP/ H2SO4					
		4-NAPBSA					
		Total		**10721**	**35736**	**0**	**35736**
35	**6-ChloroMetanillic Acid**			**Raw material Required per Batch In Kg (Batch Size 1250 Kg)**	**Raw material Required For 10 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 10 MT/Month In Kg**
		H2SO4		3000	24000	0	24000
		PNA					
		CIP					
		Soda Ash					
		ONCBSA		2471	19768	0	19768
		Soda Ash					
		Dil. H2SO4		2000	16000	0	16000
		Soda Ash		3250	26000	0	26000
		CIP					
		H2SO4					
		ONCBSA					
		Total		**10721**	**85768**	**0**	**85768**
36	**Nitrosylsulfuric Acid**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For 250 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 250 MT/Month In Kg**

		HNO3		625	156250	0	156250
		Oleum 23%/ 65%		900	225000	0	225000
		H2SO4		650	162500	0	162500
		ID-256		150	37500	0	37500
		Total		**2325**	**581250**	**0**	**581250**
37	**Ferrous Sulfate including Metal/ Mineral Sulfate**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For 500 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 500 MT/Month In Kg**
		Iron Oxide Waste 500 Kgs		136	68000	0	68000
		Iron Filling (Fresh)		54	28000	0	28000
		Spent Acid		344	172000	0	172000
		Total		**536**	**268000**	**0**	**268000**
38	**Formulation & Spray Drying of Disperse Wet Press Cake**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 1000 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 1000 MT/Month In Kg**
		Wet press Cake		450	450000	0	450000
		Dispersing Agent		550	550000	0	550000
		Total		**1000**	**1000000**	**0**	**1000000**
39	**Formulation & Spray Drying of Acid &Reactive Dyes wpc**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 1000 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 1000 MT/Month In Kg**
		Wet Cake		800	800000	0	800000
		Dextrine/ Sod.Sulphate/ Sod. Hexa Meta/ Nta/ Other Diluent		200	200000	0	200000
		Total		**1000**	**400000**	**0**	**1000000**
40	**Disperse /Vat Dyes/ Pigments Ink Formulation**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 200 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 200 MT/Month In Kg**
		Disperse Dyes / Vat Dyes/ Pigments WPC		75	15000	0	15000
		Dispersing agent/Wetting Agent/Surfactant		100	20000	0	20000
		Solvent/DEG/MEG/PEG/Propylene Glycol/Cellosolve/Carbitol/Pyrrolidones/Glycerine /Dowanol /ethers/		200	40000	0	40000
		Defoamer		10	2000	0	2000
		Biocides/preservatives		3	600	0	600
		Total		**388**	**77600**	**0**	**77600**
41	**Reactive/Acid /Direct Dyes Ink Formulation**			**Raw material Required per ton of product manufactured In Kg**	**Raw material Required For Total 200 MT/Month In Kg**	**Raw material Required For proposed 0 MT/Month in kg**	**Raw material Required For Total 200 MT/Month In Kg**
		Reactive/Acid Dyes R/O powder		140	28000	0	28000
		Binder/ID-3152/Caprolactum/Dispersing Agent		80	16000	0	16000
		Solvent/DEG/MEG/PEG/Propylene Glycol/Cellosolve/Carbitol/Pyrrolidones/Glycerine /Dowanol /ethers/Sulfolan/SLN		150	30000	0	30000
		Defoamer		10	2000	0	2000
		Biocides/preservatives		3	600	0	600
		Total		**383**	**76600**	**0**	**76600**

Sr. No.	Raw Material	CAS No
1	1 Amino Anthraquinone	82-45-1
2	1:2:4-Diazo	887-76-3
3	1:3:5-PMP	89-25-8
4	1:4 LDAAQ	5327-72-0
5	1:5 DAAQ	129-44-2
6	2:4-Diamino toluene	95-80-7
7	2:5-DCSA	88-50-6
8	2:5-Pyrazolone	84-57-1
9	2:5-Xylidine	95-78-3
10	2:6-Dichloro-4-Methyl-3-CyanoPyridine	875-35-4
11	2:7 NDSA	92-41-1
12	23% Ammonia	1336-21-6
13	24XLD	95-68-1
14	25 XLD	95-78-3
15	26 XLD	87-62-7
16	2-Amino BTF	88-17-5
17	2-Ethyl Hexylamine	104-75-6
18	2-Me-5-Amino-N-(2'-Hydroxy) BSA	41506-69-8
19	2-Methyl Naphthalene	91-57-6
20	2-mthyl indole	90-20-5
21	2-NADAPSA	135-11-15
22	2R-acid	90-40-4
23	3 APBS 50%	NA
24	3 CEAMA	26408-28-6
25	3 Chl. Propionyl Chl.	625-36-5
26	3- Methoxy Propylamine	5332-73-0
27	3, 4 DCA	95-76-1
28	3A 4 Methoxy Acetanilide	6375-47-9
29	3-Acetylamino-5-amino-4-hydroxybenzenesulfonic acid	40306-75-0
30	3-Amino-4-Hydroxy-N-PhenylBSA	80-20-6
31	3-AminoBTF	98-16-8
32	3-Nitro-benzoylchloride	121-90-4
33	3-OXY	117-57-7
34	4'amino-4-nitrostilbene-2,2'-disulfonic acid	119-72-2
35	4-CAP	95-85-2
36	4-CAPSA	88-23-3
37	4-NAP	98-37-3
38	4-NAPBSA	96-67-3
39	4-NAPSA	96-67-3
40	4-Nitro Aniline	100-01-6
41	4-Nitrobenzoylchloride	122-04-3
42	4-Sulpho anthranilic acid	98-43-1
43	5-Amino Pyrazole	1131-18-6
44	5-Chloro-2-Amino BTF	445-03-4
45	5-NAP	121-88-0
46	5-Sulpho	3577-63-7
47	6 NBT	6285-57-0
48	65%/ Formic acid	64-18-6
49	6Me.BT	1747-60-0

Sr. No.	Raw Material	CAS No
50	6-OAPSA	40306-75-0
51	7-aminonaphthalene-1:3:5 Trisulphonic acid	27310-25-4
52	A.A.A.	102-01-2
53	A.H.Chloride	NA
54	A.N.A	134-32-7
55	AB 45	2861-02-1
56	ABS (C10-C13) Na salt	NA
57	Acetanilide	103-84-4
58	Acetic acid	94-19-7
59	Acetic anhydride	108-24-7
60	Acetyl Sulfonyl Chloride	121-60-8
61	Acid Dyes R/O powder	Several
62	Acid Slurry	27176-87-0
63	Acitican Hydride	108-24-7
64	Acrylonitrile (F)	107-13-1
65	Acrylonitrile (Recovered)	107-13-1
66	ADL	37330-39-5
67	AI-106	116-82-5
68	Alkylating Agent	Several
69	Alluminium Chloride	107-05-1
70	Allyl Chloride	107-05-1
71	Alpha Nepthol	90-15-3
72	AMA	6375-47-9
73	Amido G Acid	86-65-7
74	Amino Propyl Morpholine	123-00-2
75	Amino Resorcinol	73637-04-4
76	Ammonia	1336-21-6
77	Ammonia Liquer	1336-21-6
78	Ammonium Sulphate	7783-20-2
79	Aniline	62-53-3
80	Aniline oil	62-53-3
81	Anisidyl-J-acid	118-51-4
82	Anitform A	NA
83	Anthranilic acid	118-92-3
84	Anthraquinone	84-65-1
85	AR-12	81-10-7
86	AR-42	4273-98-7
87	AR-6	5856-00-8
88	ASPYPK	119-74-4
89	B- Nepthol	135-19-3
90	B.C.S.	12336-95-7
91	BC	98-88-4
92	BDSA	117-61-3
93	Benzaldehyde-(2-carboxy-4-sulfophenyl)-hydrazone	77734-52-2
94	Benzamide	55-21-0
95	Benzanthrone/ Dimethyl Aniline	82-05-3/121-69-7
96	Benzene	71-43-2
97	Benzoyal Chloride	98-88-4
98	Beta Naphthol	135-19-3
99	Binder	NA

Sr. No.	Raw Material	CAS No
100	Biocides	2634-33-5
101	Boric acid	10043-35-3
102	BOSA	1008-72-6
103	Britex 3100	7775-09-9
104	Bromamine acid	116-81-4
105	Bromine	7726-95-6
106	Bronner's acid	93-00-5
107	Bronner's VS	62158-71-8
108	BSC	98-09-9
109	Butanol	71-36-3
110	C. S. Flakes	1310-73-2
111	C.I.P.	NA
112	C.S. Lye	1310-73-2
113	C-Acid	131-27-1
114	Calcium Chloride	10043-52-4
115	Calcium Hydroxide	1305-62-0
116	Can. Agent	NA
117	Caprolactum	105-60-2
118	Carbitol	112-34-5
119	Caster Oil	8001-79-4
120	Caustic Potash	1310-58-3
121	Caustic Prills	1310-73-2
122	CBPNA	17601-94-4
123	CD-1	82-44-0
124	CD-6	82-46-2
125	Cellosolve	111-76-2
126	Chlorine	7782-50-5
127	Chloro Sulfonic Acid	7790-94-5
128	Chloroacetamide	79-07-2
129	Chromic Acid	1333-82-0
130	Chromium Acetate	1066-30-4
131	Chromium formate	27115-36-2
132	CI Oil	61789-28-4
133	CI-1006	120-21-8
134	CI-101A	26692-46-6
135	CI-102	92-64-8
136	CI-105	27059-08-1
137	CI-107	148-69-6
138	CI-108A	21615-36-1
139	CI-110E	52603-47-1
140	CI-110P	186453-43-0
141	CI-113	92-50-2
142	CI-117	91-88-3
143	CI-182	19249-34-4
144	CI-201	29333-76-4
145	CI-203	22031-33-0
146	CI-208	1555-66-4
147	CI-218	26322-20-3
148	CI-255	68877-64-5
149	CI-280	27419-90-5

Sr. No.	Raw Material	CAS No
150	CI-304	21608-06-0
151	CI-307	23128-51-0
152	CI-309	51868-45-2
153	CI-311	19433-94-4
154	CI-312	19433-93-3
155	CI-313	22588-78-9
156	CI-314	92408-44-1
157	CI-319	53733-94-1
158	CI-322	61038-96-8
159	CI-353	22185-75-7
160	CI-359	6375-46-8
161	CI-363	26841-42-9
162	CI-4009	49744-35-6
163	CI-4018	1829-82-9
164	CI-403	39108-47-9
165	CI-406	39621-10-8
166	CI-411	28141-13-1
167	CI-502	94-36-0
168	CIP	NA
169	Citric Acid	5949-29-1
170	Cleave's acid	119-28-8 (1,7 Cleves Acid) / 119-79-9 (1,6 Cleves Acid)
171	Cobalt Sulfate	10124-43-3
172	Condensating Agent	NA
173	Copper Acetate	142-71-2
174	Copper Chloride	7758-89-6
175	Copper Cyanide	544-92-3
176	Copper formazane chromophore	747370-22-5
177	Copper phthalocyanine	147-14-8
178	Copper Sulphate	7758-99-8
179	CPC	147-14-8
180	CPNA	17420-30-3
181	Creoseto Oil	61789-28-4
182	Cresol	95-48-7/108-39-4/106-44-5
183	Cresylic Acid	1319-77-3
184	CSA	7790-94-5
185	Cyano P.N.A.	17420-24-7
186	CyCl3	108-77-0
187	D.E.A.	91-66-7
188	D.M.F. (Fresh)	68-12-2
189	D.M.F. (Recovered)	68-12-2
190	D.P.E	26306-64-9
191	DASA	16803-97-7
192	DASDSA	81-11-8
193	DB-13	84987-89-3
194	DB-7	121-66-4
195	DBPT 50%	6968-24-7
196	DCA	95-82-9/95-76-1
197	DCBT	61792-25-4
198	DCDAAQ	81-41-4
199	DCM (S)	75-09-2

Sr. No.	Raw Material	CAS No
200	DCOAP	527-62-8
201	DCPNA	99-30-9
202	Defoamer	NA
203	DEG	111-46-6
204	DEMAP	91-68-9
205	DEMT	91-67-8
206	Demulsifier	NA
207	Dextrine	9004-53-9
208	DIACOX	98210-99-2
209	Diethanolamine	11-42-2
210	Diethyl Sulfate	64-67-5
211	Diethylene Glycol	111-46-6
212	Dil. H2SO4	7664-93-9
213	Dimethyl Sulfate	77-78-1
214	Dinitro Chloro Benzene	97-00-7
215	Di-sec- Butyl Phenol	31291-60-8
216	Disperse Dyes	Several
217	Dispersing Agent	36290-04-7
218	DMF	68-12-2
219	DMG	NA
220	DNA	97-02-9
221	DNBRA	1817-73-8
222	DNCLA	3531-19-9
223	Dowanol	34590-94-8
224	Dowanol DPM	34590-94-8
225	DR-19	99-29-6
226	DSP	7558-79-4
227	E.B.A.	92-59-1
228	E.C.A.	105-56-6
229	E-Acid	101-11-1
230	EBMT	119-94-8
231	EDC	75-00-3
232	Emulsifier	NA
233	EPA	6291-85-6
234	Ethanol amine	141-43-5
235	ethers	NA
236	Ethyl Chloride	75-00-3
237	Ethyl Cyano Acetate	105-56-6
238	Ethylbenzylaniline	92-59-1
239	Ethylene Oxide	75-21-8
240	F.C. Acid	119-70-0
241	Fatty Acid	57-11-4
242	FCP	697-83-6
243	Ferrous Sulphate	7782-63-0
244	Formaldehyde	50-0-0
245	Formic acid	64-18-6
246	G- Base	134-91-8
247	G Salt	842-19-3
248	Gamma acid	90-51-7
249	Glauber salt	7757-82-6

Sr. No.	Raw Material	CAS No
250	Glecerine	56-81-5
251	Glucose	50-99-7
252	Glycol	107-21-1
253	H2SO4	7664-93-9
254	H-Acid	90-20-0
255	HCl	7647-01-0
256	Heptene	68526-53-4
257	Hexane Diol	629-11-8
258	Hippuric Acid	495-69-2
259	HNO3	7697-37-2
260	Hydrogen Peroxide	7722-84-1
261	Hydroquonone	123-31-9
262	Hydrosulfite	7775-14-6
263	I.S.	67-56-1/64-17-5
264	ID – 8568	5471-76-1
265	ID 3014	2045-70-7
266	ID 7500	NA
267	ID 8569	98-32-8
268	ID-1001	1579-89-1
269	ID-1816	29097-12-9
270	ID-256	NA
271	ID-2608	25797-78-8
272	ID-3152	NA
273	ID-3305	623-09-6
274	ID-3309	88-21-1
275	ID-5309	100983-91-3
276	ID-8890	77516-54-2
277	IMIDE	128-81-4
278	IPA	67-63-0
279	Iron Filling	7439-89-6
280	Iron Oxide Waste	1309-37-1
281	Iron Power	7439-89-6
282	J Acid	87-02-5
283	K2CO3	584-08-7
284	K-Acid	118-03-6
285	KCL	7447-40-7
286	KMnO4	7722-64-7
287	KOH	1310-58-3
288	Lauryl Alcohol	112-53-8
289	LDAAQ	5327-72-0
290	Lead Acetate	301-04-2
291	Lead Dioxide	1309-60-0
292	LEO	64-17-5
293	Leuco Quinizarine	40898-13-3
294	Lignine	9005-53-2
295	Lime Stone Powder	471-34-1
296	Liq. Ammonia	1336-21-6
297	Liquid Bromine	7726-95-6
298	M. C. Aniline	108-42-9
299	M. Ethyl Aniline	103-69-5

Sr. No.	Raw Material	CAS No
300	M. Ethyl Meda Toluidine	102-27-2
301	M. Nitro Chloro Benzene	121-73-3
302	M. Toluidine	108-44-1
303	M.A. Acetanilide	102-28-3
304	M.A.Propionylalide	22987-10-6
305	M.E. Amine	74-04-7
306	M.E.Aniline	74-04-7
307	M.E.G.	107-21-1
308	M.M. Amine	74-89-5
309	M.P.D.	108-45-2
310	M.S.D.P.	NA
311	MAA	102-28-3
312	Magnesium Chloride	7791-18-6
313	Magnesium Oxide	1309-48-4
314	m-Amino Acetanilide	102-28-3
315	Mang. Sulph.	7785-87-7
316	Manganese Dioxide	1313-13-9
317	MCB	108-90-7
318	MEA	141-43-5
319	MEG	107-21-1
320	Mesitidine	88-05-1
321	Mesitinic acid	32432-55-6
322	Meta Amino Phenol	591-27-5
323	Meta Dinitro Benzene	99-65-0
324	Meta Nitro Aniline	99-09-2
325	Metal Catalyst 119	557-21-1
326	Metanilic	121-47-1
327	Methanol	67-56-1
328	Methyl Anthranilate	85-91-6
329	Methyl Ester	105-45-3
330	Metsol 150 ND	64742-94-5
331	Metsol 200 ND	64742-94-5
332	MHPN	22516-99-0
333	Mix XLD	1300-73-8
334	Mixed Toluidine	108-44-1
335	MLCA	2832-19-1
336	MMA	100-61-8
337	MnSO4	91-66-7
338	MODSA	NA
339	Mono Azo Dye	Several
340	Mono Chloro Benzene	108-90-7
341	Mono Methyl Amine	74-89-5
342	Monoethanol Amine	141-43-5
343	MPA	5332-73-0
344	MPDA	108-45-2
345	MPDDSA	137-50-8
346	MPDSA	88-63-1
347	MSC	124-63-0
348	MSP	7558-80-7
349	MSPHCP	1356843-45-2

Sr. No.	Raw Material	CAS No
350	MUA	25711-72-2
351	N. Propyl Bromide	106-94-5
352	N.B. Amine	109-73-9
353	NaCN	143-33-9
354	NaOH	1310-73-2
355	NAP	6265-08-03
356	Naphthalene	92-24-0
357	Naphthionate	130-13-2
358	NAPSA	96-67-3/96-93-5
359	NBA	109-73-9
360	NBSMPB	6470-53-7
361	n-Butanol	71-36-3
362	NCE NEA	148-87-8
363	NCEA(84%)	1075-76-9
364	NIAPROOF	NA
365	Nickel Phthalocyanine	14055-02-8
366	Nitro Benezene	98-95-3
367	Nitro F.C. Acid	91-29-2
368	NKS	36290-04-7
369	NMJ-acid	22346-43-6
370	N-Phenyl-2-Naphthylamine	135-88-6
371	Nta	139-13-9
372	O.C.B.	89-98-5
373	O.C.T	529-19-1
374	OA	90-04-0
375	OAPSA	98-37-3
376	OAVS	10079-20-6
377	OCB	89-98-5
378	OCP	95-57-8
379	OCPNA	121-87-9
380	OCT	529-19-1
381	ODCB	95-50-1
382	Oleic Acid	112-80-1
383	Oleum	8014-95-7
384	LaurylCetyl Alcohol	68855-56-1
385	ONA	88-74-4
386	ONCBSA	121-18-6
387	OPDA	95-54-5
388	Orthanilic Acid	88-21-1
389	Ortho Anisidine	90-04-0
390	OT Liquid	95-53-4
391	Oxalic Acid	144-62-7
392	P 15	121-45-9
393	p. Chloro Phenol	106-48-9
394	P. Nitro Chloro Benzene	100-00-5
395	P. Phenitidine	156-43-4
396	P.N.A.	100-01-6
397	P.T.A.	85-44-9
398	P15	121-45-9
399	PAA	122-80-5

Sr. No.	Raw Material	CAS No
400	PAAB4SA	104-23-4
401	p-Amino acetanilide	122-80-5
402	PAOSA	13244-33-2
403	Para Anisidine	104-94-9
404	Para Cresol	106-44-5
405	Para Nitro Aniline	100-01-6
406	Para Toluidine	106-49-0
407	PB – 5	1314-56-3
408	PCA	106-47-8
409	PCB	104-88-1
410	PCl5	10026-13-8
411	PCl3	7719-12-02
412	PCONA	89-63-4
413	p-Cresidine	120-71-8
414	PCVS	21635-69-8
415	p-DDA	104-42-7
416	PEG	25322-68-3
417	Periacid	82-75-7
418	Petrotec 7400	64742-94-5
419	Phenol	108-95-2
420	Phenyl periacid	82-76-8
421	Phosphoric Acid	7664-38-2
422	Phthalic Anhydride	85-44-9
423	PHZ 3300	NA
424	Pigments	Several
425	Pine Oil	8002-09-3
426	PMP	89-25-8
427	PNA	100-01-6
428	p-n-butylaniline	214-425-6
429	PNCBSA	96-73-1
430	POCL3	10025-87-3
431	Potash Flaks	1310-58-3
432	Potassium Di Chromate	7778-50-9
433	Potassium Hydroxide	1310-58-3
434	Pottasium persulfate	7721-21-1
435	PPDA	106-50-3
436	PPDSA	88-45-9
437	preservatives	NA
438	Propylene Glycol	57-55-6
439	PTA	85-44-9
440	p-t-butylaniline	769-92-6
441	p-Toluidine	106-49-0
442	PTSA	70-55-3
443	PTSC	98-59-9
444	Pyridine	110-86-1
445	Pyrrolidones	616-45-5
446	QA 1000	NA
447	QH8MX	81-55-0
448	Quinizarine	81-64-1
449	Quinolenes	91-22-5

Sr. No.	Raw Material	CAS No
450	Reactive	Several
451	Recovered Acetic Acid	94-19-7
452	Reducing Agent (Iron, NaSH)	7439-89-6 (Iron)/ 16721-80-5 (NaSH)
453	Resist Salt	127-68-4
454	Resorcinol	108-46-3
455	S.B.S	7631-90-5
456	Salt	7647-14-5
457	SBC	144-55-8
458	SLN	126-33-0
459	Sod Ash	497-19-8
460	Sod. Acetate	127-09-3 / 6131-90-4
461	Sod. Bi Carb	144-55-8
462	Sod. Formate	141-53-7
463	Sod. Hexa Meta	68915-31-1
464	Sod. Hydro Sulfite	16721-80-5
465	Sod. Meta Bi Sulphite	7681-57-4
466	Sod. Nitrite	7632-00-0
467	Sod.Bi Chromate	10588-01-9
468	Sod.Sulphate	7757-82-6
469	Soda Ash	497-19-8
470	Soda Bi Carb	144-55-8
471	Sodium Acetate	127-09-3 / 6131-90-4
472	Sodium Bi Carbonate	144-55-8
473	Sodium Bi Sulfite	7631-90-5
474	Sodium Cyanide	143-33-9
475	Sodium Hydrosulfite	16721-80-5
476	Sodium Nitrate	7631-99-4
477	Sodium Nitrite	7632-00-0
478	Sodium per sulfate	7775-27-1
479	Sodium Sulfide	1313-82-2
480	Sodium Sulfite	7757-83-7
481	solve SSO 200	64742-94-5
482	Solvent	67-56-1
483	Solvent (R)	67-56-1
484	Solvent (F)	67-56-1
485	SP - 99	NA
486	Sp.chemical	Several
487	SPCP	88-76-6
488	Spent Acid	7664-93-9
489	SPMP	119-17-5
490	Stearic Acid	57-11-4
491	Sulfamic acid	5329-14-6
492	Sulfanilic Acid	121-57-3
493	Sulfo Tobia's Acid	117-62-4
494	Sulfo VS	121-88-0
495	Sulfolan	126-33-0
496	Sulfonating Agent	Several
497	Sulfuric Acid	7664-93-9
498	Sulfuryl Chloride	7791-25-5
499	Sulpho-Anthranilic acid	98-43-1

Sr. No.	Raw Material	CAS No
500	Sulphuric acid	7664-93-9
501	Surf 08	NA
502	Surface Active Agent	84-48-0
503	Surfactant	NA
504	T.F.O.	NA
505	T.R.O.	8002-33-3
506	Tarteric Acid	133-37-9
507	TCP	3764-01-0
508	TEA	121-44-8
509	TECP	1780-40-1
510	TEDA	280-57-9
511	Terephthaldehyde	623-27-8
512	tert-Butyl Benzene	98-06-6
513	Tetra methyl dec-5-in-4:7-diol	NA
514	TFP	696-82-2
515	TFT	675-14-9
516	Tobias Acid	81-16-3
517	Toluene	108-88-3
518	Triethanolamine	102-26-1
519	TSP	7601-54-9
520	UNIAROM 200 ND	64742-94-5
521	UNINAP 40 JS	64742-53-6
522	Urea	57-13-6
523	V- Salt	7647-14-5
524	Vat Dyes	Several
525	Violet Acid	NA
526	VS	2494-89-5
527	W 150	NA
528	Wetting Agent	Several
529	Xylene	1330-20-7
530	Zinc Chloride	7646-85-7
531	MPD	108-45-2
532	Benzaldehyde	100-52-7
533	PNCB	100-00-5
534	Sod. Cyanate	917-61-3
535	DR-18	24072-757-1
536	DBPNA	827-94-1
537	AI-17	3531-19-9
538	DB-21	17601-94-4
539	MNA	99-09-2
540	ONPA	**96-96**-8
541	PA	104-94-9
542	6-BrDNA	1817-73-8
543	CI-1010	6968-24-7
544	AI-164	118-92-3
545	DR-15	6285-57-0
546	ACTP	4651-82-5
547	NSA	7782-78-7
548	CR-10	148-87-8
549	CI-200	102-28-3

Sr. No.	Raw Material	CAS No
550	HMQ	1677-46-9
551	MEMT	102-27-2
552	MEM	109-86-4
553	R-38	106-94-5
554	TC	7719-09-7
555	ID-20019	96-33-3
556	Acrylic acid	79-10-7

ANNEXURE – 3

A Copy of Permission letter for Drawing Water from Canal

પાંડેસરા ડાઈઝ એન્ડ ઈન્ટરમીડીયેટ પ્રા. લી. ને
બદલે કલર ટેક્ષ ઈન્ડસ્ટ્રીઝ પ્રા. લી. [illegible]
પાણી ઉપાડવાની પરવાનગી આપવા બાબત.

ગુજરાત સરકાર,
નર્મદા જળસંપત્તિ પાણી પુરવઠા અને કલ્પસર વિભાગ,
ઠરાવ ક્રમાંક:ડબલ્યુ્ટીઆર–૧૦૯૭–૧૦૮૩–૨૨–પી,
સચિવાલય, ગાંધીનગર.
તારીખ:- –૫–૨૦૦૬.
23 MAY 2006

વંચાણે લીધા:

(૧) આ વિભાગનો ઠરાવ ક્રમાંક: ડબલ્યુટીઆર–૧૦૯૭–૧૦૮૩–૨૨–પી, તારીખ:–૨૮–૩–૨૦૦૨.
(૨) આ વિભાગનો પત્રાંક: ડબલ્યુટીઆર ૧૦૯૭–૧૦૮૩–૨૨–પી. તારીખ:–૨૬–૪–૨૦૦૨.
(૩) અધિક્ષક ઈજનેરશ્રી, સુરત સિંચાઈ વર્તુળ, સુરતનો પત્રાંક:સુસિંવ– પીબી–૨ – ડબલ્યુટીઆર – [illegible] ફા.૨૨૬–૧૧૮૪–૬૩, તા.૫ ૧–૨૦૦૬.
(૪) અધિક્ષક ઈજનેરશ્રી, સુરત સિંચાઈ વર્તુળ, સુરતનો પત્રાંક: સુસિંવ– પીબી–૨– ડબલ્યુટીઆર– કલરટેક્ષ– ફા.૨૨૬–૧૦૪– ૯૫૮, તારીખ:–૭–૩–૨૦૦૬.
(૫) અધિક્ષક ઈજનેરશ્રી, સુરત સિંચાઈ વર્તુળ, સુરતનો પત્રાંક: સુસિંવ– પીબી–૨– ડબલ્યુટીઆર–કલર ટેક્ષ– ફા.૨૨૬–૧૦૪(૧), તારીખ:–૧૬–૩–૨૦૦૬.
(૬) કલર ટેક્ષ ઈન્ડસ્ટ્રીઝ પ્રા. લી. નો પત્ર. તારીખ:– [illegible]–૧૧ ૨૦૦૫.

ઠરાવ :

પાંડેસરા ડાઈઝ એન્ડ ઈન્ટરમીડીયેટ પ્રા. લી. ને [illegible] ૮૨.૧૩૬ આગળથી ઔદ્યોગિક વપરાશ માટે ૧.૦૦ મી. ગે. [illegible] પાણી લેવાની પરવાનગી સંદર્ભ (૧) હેઠળના તારીખ:–૨૮–૩–૨૦૦૨ ના ઠરાવથી તેમાં દર્શાવેલ શરતોને આધીન આપવામાં આવેલ છે. આ પરવાનગી સબબ કંપનીએ [illegible] કરારનામાનો મંજુર [illegible] સંદર્ભ (૨) હેઠળના પત્રથી [illegible] જે અન્વયે કંપનીએ [illegible] ના રોજ કરારનામું [illegible] મુદ્દત તારીખ:–૨૨–[illegible] પૂર્ણ થનાર છે. [illegible] હેઠળના તારીખ:–[illegible]–૨૦૦૫ ના પત્રથી રજુઆત કરતાં જણાવેલ છે કે [illegible] કંપનીનું નામ "કલર ટેક્ષ ઈન્ડસ્ટ્રીઝ પ્રા. લી." રાખેલ છે તેથી [illegible] "પાંડેસરા ડાઈઝ એન્ડ ઈન્ટરમીડીયેટ પ્રા. લી." ના નામે જે પરવાનગી આપેલ છે તેને હવે કલર ટેક્ષ ઈન્ડસ્ટ્રીઝ પ્રા. લી. ના નામે તબદીલ કરવી. કંપનીને અગાઉ ૧.૦૦ મી. [illegible] પાણી

લેવાની પરવાનગી આપેલ છે.તેમાં વધારો કરી ૩.૦૦ મી. ગે. ડે. પાણીની પરવાનગી આપવી. કંપનીની રજૂઆત અંગે અધિક્ષક ઈજનેરશ્રી, સુરત સિંચાઈ વર્તુળ, સુરતે તેમના સંદર્ભ (૩) (૪) અને (૫) કહેણના પત્રોથી ભલામણ સહિતની દરખાસ્ત મોકલતાં જણાવ્યું છે કે કંપનીના નામે કેરની મંજૂરી રજીસ્ટ્રાર ઓફ કંપનીઝ તરફથી મળેલ છે કંપનીને માંગણી કર્યા મુજબ ૩.૦૦ મી. ગે. ડે. પાણી હાલની જગ્યાએથી આપી શકાય તેમ છે. તેમજ કંપનીના હાલ કોઈ બાકી લેણાં નથી. તેથી કંપનીને નવા નામે પરવાનગી આપી નવું કરારનામું કરવું.

ઉકત બાબતે વધારાના પાસાની કાળજીપૂર્વક વિચારણાને અંતે નીચે મુજબની પરવાનગી આપવાનું ઠરાવવામાં આવે છે.

(૧) પાંડેસરા ડાઈંગ એન્ડ ઈન્ટરમીડીયેટ પ્રા. લી. ની નામફેરની માંગણી ધ્યાને રાખી કલર ટેક્ષ ઈન્ડસ્ટ્રીઝ પ્રા. લિ. ના નામે ૧.૦૦ (એક) મી.ગે.ડે. ના બદલે હવે ૩.૦૦ (ત્રણ) મી. ગે. ડે. પાણી ચલથાણ ગ્રામ્યની ટેઈલ એન્ડથી ૬ આર. ડી. ૮૨.૧૩૬ આગળથી તેમના ખર્ચે પાઈપ લાઈન મારફત ઔદ્યોગિક વપરાશ માટે લેવાની પરવાનગી આ સાથે સામેલ શરતોને આધીન આપવામાં આવે છે

(૨) અગાઉ આ વિભાગના તારીખઃ ૨૮–૩–૨૦૦૨ ના ઠરાવથી પાંડેસરા ડાઈંગ એન્ડ ઈન્ટરમીડીયેટના નામે ૧.૦૦ (એક) મી. ગે. ડે. પાણી લેવા અપાયેલ પરવાનગી તથા તે અન્વયે કરાયેલ કરારનામું રદ કરવામાં આવે છે.

આ હુકમો આ વિભાગની સરખા ક્રમાંકની ફાઈલ પર નાયબ સચિવશ્રીની તારીખઃ ૧૦ પ ૨૦૦૬ ના રોજ અપેક્ષ સંમતિને અધીન કરવામાં આવે છે.

ગુજરાતના રાજ્યપાલશ્રીના હુકમથી અને તેમના નામે.

(આર. જી. આચાર્ય)
ઉપ સચિવ (જ.સં.)
નર્મદા, જળસંપત્તિ, પાણી પુરવઠા અને કલ્પસર વિભાગ.

બિડાણઃ ઉપર મુજબ.

પ્રતિ

અધિક્ષક ઈજનેરશ્રી, સુરત સિંચાઈ વર્તુળ, સુરત.
– કાર્યપાલક ઈજનેરશ્રી, કઠરાપાર જગાણાકાંઠા નહેર વિભાગ, [illegible].
– ડાયરેકટરશ્રી, કલર ટેક્ષ ઈન્ડસ્ટ્રીઝ. પ્રા. લી. સર્વે નં. ૮૦, [illegible], પો. ઓફી. ડી. સી. પાંડેસરા, સુરત–૩૯૪૩૨૧.
– સિલેકટ ફાઈલ.

CHAMPA 2050b

ANNEXURE – 4

<table>
<tr><th colspan="3">COMPLIANCE REPORT OF THE CONSOLIDATED CONSENT & AUTHORIZATUION ORDER NO. AWH-91735 ISSUED VIDE THE LETTER NO. GPCB/CCA-SRT-311(16)/ ID_20632/452963 DATED 24/04/2018</th></tr>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance</th></tr>
<tr><td>1</td><td colspan="2">Consent Order No. : AWH-91735, date of issue : 12-03-2018.</td></tr>
<tr><td>2</td><td>The consents shall be valid up to 08-10-2022 for use of outlet for the discharge of treated effluent & emission due to operation of industrial plant for manufacturing of the following items/products :
Please refer Annexure-1 for product list.</td><td>We abide by the condition.</td></tr>
<tr><td colspan="3">Subject to Specific condition:</td></tr>
<tr><td>1</td><td>Industry shall manage solid waste generated from the industrial activities as per solid waste management Rule-2016 (solid waste as define in Rule-3 (46))</td><td>We will manage Solid Wastes generated from industrial activities as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46)).</td></tr>
<tr><td>2</td><td>As per Provisions of Rule 18 of solid Waste Management Rules-2016 you are directed to make an arrangement in Utilities to replace at least five percent (5%) of your solid fuel requirement by “ reused derived fuel”</td><td>We will explore the possibilities to use refused derived fuel.</td></tr>
<tr><td>3</td><td>CONDITIONS UNDER THE WATER ACT :</td><td></td></tr>
<tr><td>3.1</td><td>Source of water :- Group companies own water supply</td><td>We receive water from our Group companies own water supply network and also from Notified Area Authority Sachin,</td></tr>
<tr><td>3.2</td><td>The quantity of the fresh water consumption for industrial purpose shall not exceed 9810 KL/Day</td><td>The quantity of the fresh water consumption for industrial purpose will not exceed 9810 KL/Day</td></tr>
<tr><td>3.3</td><td>The quantity of the fresh water consumption for domestic purpose shall not exceed 125 KL/Day</td><td>The quantity of the fresh water consumption for domestic purpose will not exceed 125 KL/Day</td></tr>
<tr><td>3.4</td><td>The quantity of industrial effluent generated from the manufacturing process and other ancillary industrial operation shall not exceed 9012 KL/Day.</td><td>The quantity of industrial effluent generated from the manufacturing process and other ancillary industrial operation will not exceed 9012 KL/Day.</td></tr>
<tr><td>3.5</td><td>The quantity of wastewater from the factory shall not exceed the quantity as mention below,
<table>
<tr><th>Sr. No</th><th>Type of Stream</th><th>W/W generation in M3/Day</th></tr>
<tr><td>1</td><td>LOW COD stream (industrial + Domestic)</td><td>8785 (8666 + 119)</td></tr>
<tr><td>2</td><td>High COD Stream</td><td>436</td></tr>
</table></td><td>The quantity of low COD stream will not exceed 8785 m3/day and quantity of high COD stream will not exceed 436 m3/day.</td></tr>
<tr><td>3.6</td><td>The low COD effluent 8785 M3/Day shall be treated in effluent Treatment Plant. Further, 818 M3/Day effluent of M/s CTX Lifescience Pvt. Ltd., Sister Concern shall also be treated in effluent Treatment plant at M/s Colourtex Industries Pvt. Ltd. (Unit -1).So the total discharge shall be 9603 M3/Day.</td><td>We abide by the condition.
Total discharge will not exceed 9603 m3/day.</td></tr>
</table>

Sr. No.	Conditions	Compliance
3.7	436 m3/day High COD effluent and 34.5 m3/day high COD effluent of M/s CTX Lifescience Pvt.Ltd., Sister Concern shall be segregated and treated in Multiple Effective Evaporator and spry dryer/Liquid waste incinerator.	The quantity of high COD effluent will not exceed this permitted quantity. High COD effluent of Colourtex Industries Pvt. Ltd. & CTX Lifesciences Pvt. Ltd. is segregated and treated in Multiple Effective Evaporator and spry dryer/Liquid waste incinerator.
3.8	The quantity of domestic waste water shall not exceed 119 KL/Day	The quantity of domestic waste water will not exceed 119 KL/Day
3.9	Domestic effluent shall be disposed off through septic tank/soak pit system.	Domestic effluent passes through septic tank and treated with industrial effluent at ETP.
3.10	The concentrated and high COD wastewater stream generated shall be segregated and completely treated in Multiple Effect Evaporator & well designed incinerator.	The high COD effluent is segregated and completely treated in Multiple Effect Evaporator & Liquid Waste incinerator.
	The incineration system shall be operated & maintained efficiently so that there shall be no discharge of concentrated & toxic effluent in to an environment including land, river, stream etc.	The incineration system is operated & maintained efficiently.
	The industry shall operate fully & efficiently incineration system/ air pollution control equipment for incineration of total quantity (i.e. toxic effluent) of effluent & shall close down all the manufacturing processing activities whereas the incineration system/ air pollution control equipments or any there of are fully or partly non operational for any reason what so ever (whether for maintenance/repair/electricity failure or otherwise) They shall not restart such activity unless & until the incineration system is fully in operation.	We abide by this condition.
	The pipeline connecting various equipments of sump of incineration system should be minimum in number & shall have permanent connection (no loose or flexible connection).	We abide by this condition.
	The incineration system shall be equipped with flow measuring devices for mother liquor, effluent, fuel, air used for combustion & temperature measuring devices within incinerator at different points & scrubber outside the incinerator shall be provided. There all data shall be recovered every day.	We have provided flow meter for measuring high COD wastewater received and for fuel measurement level tube is provided. We have also provided temperature-measuring devices at different points within the incinerator & scrubber outside the incinerator.
	The applicant shall have to register the unit under the provision of factories Act-1948 & shall be obtained the necessary factory license.	We have registered the unit under the provision of factories Act-1948 and have obtained the necessary factory license.
	- The printed Log Book shall be maintained for: a. Energy Consumption b. Waste water flow at inlet & outlet of incineration system c. Quantity of sludge generated d. Laboratory analysis reports for each of the specified parameters of liquid effluent, gaseous discharge & soil sludge samples.	We abide by this condition.

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance</th></tr>
<tr><td></td><td>The unit shall supply to the GPCB the figures of production & consumption of electricity & water for each day during the period of production, through such figures shall be supplied on monthly basis. The unit shall supply separate figures for consumption of electricity for running the incinerator by having separate meter/ sub meters for such incinerator.</td><td>We are submitting the month wise data of production, electricity consumption & water consumption in Audit report to GPCB.</td></tr>
<tr><td></td><td>Applicant shall comply with CPCB guideline of incinerator</td><td>We abide by this condition.</td></tr>
<tr><td>3.11</td><td>The Low COD effluent of M/s Colourtex Industries Pvt. Ltd (Unit-1) & CTX Lifescience Pvt. Ltd. shall be treated in the Existing effluent treatment plant at Colourtex Industries Pvt. Ltd.(Unit-1)</td><td>The Low COD effluent of M/s Colourtex Industries Pvt. Ltd (Unit-1) & CTX Lifescience Pvt. Ltd. is treated in the Existing effluent treatment plant at Colourtex Industries Pvt. Ltd.(Unit-1).</td></tr>
<tr><td>3.12</td><td>The applicant shall provide adequate effluent treatment system so that effluent from the industrial unit shall confirm the GPCB norms mentioned below.
<table>
<tr><th>Parameters</th><th>GPCB NORMS</th></tr>
<tr><td>pH</td><td>6.5 to 8.5</td></tr>
<tr><td>Temperature</td><td>40^{o} C</td></tr>
<tr><td>Colour (Pt. Co. scale)</td><td>100 Units</td></tr>
<tr><td>Total Suspended Solids</td><td>100 mg/l</td></tr>
<tr><td>Oil & Grease</td><td>10 mg/l</td></tr>
<tr><td>Phenolic Compounds</td><td>1 mg/l</td></tr>
<tr><td>Cyanides</td><td>0.2 mg/l</td></tr>
<tr><td>Sulphides</td><td>2 mg/l</td></tr>
<tr><td>Ammonical Nitrogen</td><td>50 mg/l</td></tr>
<tr><td>BOD (5 days at 20^{o}C)</td><td>30 mg/l</td></tr>
<tr><td>COD</td><td>250 mg/l</td></tr>
<tr><td>Hexavalent Chromium</td><td>0.1 mg/l</td></tr>
<tr><td>Total Chromium</td><td>2 mg/l</td></tr>
<tr><td>Copper</td><td>2 mg/l</td></tr>
<tr><td>Lead</td><td>0.1 mg/l</td></tr>
<tr><td>Nickel</td><td>2 mg/l</td></tr>
<tr><td>Manganese</td><td>2 mg/l</td></tr>
<tr><td>Cadmium</td><td>0.2 mg/l</td></tr>
<tr><td>Mercury</td><td>0.01 mg/l</td></tr>
<tr><td>Zinc</td><td>5 mg/l</td></tr>
<tr><td>Total Dissolved Solids</td><td>2100 mg/l</td></tr>
<tr><td>Chloride</td><td>600 mg/l</td></tr>
<tr><td>Sulphate</td><td>1000 mg/l</td></tr>
</table></td><td>All the effluent treatment units are operated and maintained efficiently so that the treated effluent always conforms to this specified standards. (Except TDS).</td></tr>
<tr><td>3.13</td><td>The final treated effluent conforming to the above standards shall be discharged into underground drainage system of G.I.D.C. Sachin</td><td>The treated effluent after confirming the standard stipulated by the Pollution Control Board is discharged in to GIDC underground drain.</td></tr>
</table>

Sr. No.	Conditions	Compliance
3.14	Domestic effluent shall be disposed off through septic tank/ soak pit system or it shall be treated along with industrial effluent or it shall be treated separately to conform to the following standards and shall discharge into GIDC underground drainage system. BOD (5 days 20 o C) less than 20 mg/l Suspended Solids less than 30 mg/l Residual Chlorine minium 0.5 mg/l	Domestic effluent passes through septic tank and treated with industrial effluent at ETP.
4	**CONDITIONS UNDER THE AIR ACT**	
4.1	The following shall be used as fuel respectively. Please refer Annexure-2 for the details of fuel.	We do not use fuel beyond permitted quantity.
4.2	The applicant shall install & operate air pollution control system in order to achieve norms prescribed below.	We operate air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards by the Board.
4.3	The flue gas emission through stack attached to boiler/ furnace/ heater shall conform to the standards: Please refer Annexure-3 for the details of flue gas stack list.	The flue gas emission generated through the flue gas stacks confirms these specified standards.
4.4	The process emission through various stacks/vent of reactors, process, vessel shall conform to the following standards : Please refer Annexure-4 for the details of Process Stack/Vents.	The process emission generated through the various Process stacks/vent of reactors confirms these specified standards.
4.5	Industry shall take adequate measure to control dusting due to storage, transportation and handling of coal/lignite and fly ash.	We have taken adequate measures to control dusting due to storage, transportation and handling of coal/lignite and fly ash.
4.6	Industry shall comply with coal handling guideline of the board.	We abide by this condition.
4.7	Industry shall comply with fly ash notification 1999 as amended from time to time.	We abide by this condition.
4.5	Industry shall take adequate measure to control dusting due to storage, transportation and handling of coal/lignite and fly ash.	We have taken adequate measures to control dusting due to storage, transportation and handling of coal/lignite and fly ash.
4.6	Industry shall comply with coal handling guideline of the board.	We abide by this condition.
4.7	Industry shall comply with fly ash notification 1999 as amended from time to time.	We abide by this condition.

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance</th></tr>
<tr><td>4.8</td><td>The concentration of the following parameters in the ambient air within the premises of the industry and a distance of 10 meters from the source (other then the stack/vent) shall not exceed the following.
<table>
<tr><th>PARAMETER</th><th>PERMISSIBLE LIMIT</th></tr>
<tr><td>PM 10</td><td>100 µg per cubic meter</td></tr>
<tr><td>PM2.5</td><td>60 µg per cubic meter</td></tr>
<tr><td>Oxides of Sulfur</td><td>80 µg per cubic meter</td></tr>
<tr><td>Oxides of Nitrogen</td><td>80 µg per cubic meter</td></tr>
</table></td><td>Ambient Air Quality parameters confirm these standards.</td></tr>
<tr><td>4.9</td><td>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 sourced of emission shall be designed by numbers such as S-1, S-2, etc and these shall be painted/ displayed to facilitate identification.</td><td>We have provided necessary arrangement like porthole and platform with stacks/vents for sampling of gaseous emission</td></tr>
<tr><td>4.10</td><td>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 6 a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.</td><td>We have provided acoustic enclosures & silencers wherever required. However we are regularly measuring the noise level in & around the plant & around the factory premises.</td></tr>
<tr><td>5</td><td>D.G sets conditions</td><td></td></tr>
<tr><td></td><td>The D.G. Set shall have acoustic enclosure and shall comply with the standards specified at Sr. no. 95 of Schedule-1 of the rule-3 of E.P. Rules -1986 and Noise pollution level as per the Air Act-1981.
D.G. Sets standards:-
The flue gas emission through stack attached to D.G. Sets shall conform to the following standards.

a) The minimum height of stack to be provided with each of the generator set shall be H = h + 0.2 (KVA) 1/2, where H= Total stack height in meter, h = height of the building in meters where or by the side of which the generator set is installed.
b) Noise from DG set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the user end.
c) The acoustic enclosure or acoustic treatment of the room shall be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on the higher</td><td>We abide by this condition.</td></tr>
</table>

	side (if the actual ambient noise is on the higher side, it may not be possible to check the performance of the acoustic enclosure / acoustic treatment. Under such circumstances the performance may be checked for noise reduction up to actual ambient noise level, preferably, in the night time). The measurement for insertion loss may be done at different points at 0.5 m from the acoustic enclosure/room, and the averaged. d) The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 dB (A). e) All efforts shall be made to bring down the noise level due to the D.G. Set, outside the premises, within the ambient noise requirements by proper sitting and control measures. f) Instal1ation of a D.G. Sets must be strictly in compliance with the recommendations of tile D.G. Set manufacturer. g) A proper routine and preventive maintenance procedure for the D.G. Set should be set and followed in consultation with the DG Set manufacture which would help prevent noise levels of the DG Set from deteriorating with use.	
6	**Authorization as per Hazardous and other waste (management and transboundary) Rule, 2016 Form-2 [See rule 6 (2)]**	
6.1	Number of authorization : AWH-91735, Date of issue: 12-03-2018	
6.2	M/s. Colourtex Industries Pvt. Ltd. (Unit-1) is hereby granted an authorization to operate facility for following hazardous waste on the premises situated at Block No. 272/P, 273, 274, 276/P, 282/P, 283/P, 284/P, 285 to 288, 294 to 297, 310 & Plot No. 288/1-2, 289/1-2, 8108/2, 268/3, GIDC, Sachin, Dist. Surat- 394230. Please refer Annexure-5 for the details of Hazardous waste.	We will not generate hazardous waste beyond the permitted quantity.
6.3	The authorization shall be valid up to 18/10/2022	We abide by this condition.
6.4	The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986 and Haz. Waste (M & H and TM) Rules 2008.	We abide by this condition.
6.5	The authorization is granted to operate a facility for collection , storage, within factory premises transportation and ultimate disposal of Hazardous wastes as per condition no 6.2 to the industry having valid CCA of this board.	We abide by this condition.

Sr. No.	Conditions	Compliance
7	Term And Condition of authorization	
1.	The applicant shall comply with the provisions of the Environment (Protection) Act-1986 and the rules made there under.	We abide by this condition.
2.	The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.	We abide by this condition.
3.	The persons authorized shall not rent, lend, sell, and transfer or otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.	We abide by this condition.
4.	Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a beach of this authorization.	We abide by this condition.
5.	The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization 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.	We have prepared onsite/offsite emergency plan considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts. We also carry out mock drill in this regard at regular interval of time.
6.	The person authorized 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 Wastes and Penalty’’	We will 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 Wastes and Penalty’’
7.	It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.	We abide by this condition.
8.	An application for the renewal of an authorization shall be made as laid down in rules 6(2) under Hazardous Waste and Other Waste Rules, 2016.	We abide by this condition.
9.	The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.	We are not importing any hazardous and other waste.
10.	The record of consumption and fate of the imported hazardous and other wastes shall be maintained.	We are not importing any hazardous and other waste.
11.	The hazardous and other wastes which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.	We abide by this condition. We are not importing any hazardous or other waste.
12.	The importer or exporter shall bear the cost of import or export and mitigation of damages if any.	We are not importing or exporting any hazardous waste.
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.	We abide by this condition.

Sr. No.	Conditions	Compliance
14.	The waste generator shall be totally responsible for (i.e. collection, storage, transportation and ultimate disposal) the wastes generated.	We abide by this condition.
15.	Records of waste generation, its management and annual return shall be submitted to Gujarat Pollution Control Board in Form-4 by 30th day of June of every year for the preceding period April to March.	We regularly submit the annual report in Form-4 to Gujarat Pollution Control Board.
16.	In case of any accident, details of the same shall be submitted on Form-11 to Gujarat Pollution Control Board.	We abide by this condition.
17.	As per "Public Liability Insurance Act-91" company shall get Insurance Policy, if applicable.	We have obtained PLI policy as per "Public Liability Insurance Act-91"
18.	Empty drums and containers of toxic and hazard material shall be treated as per guideline published for "Management & Handling of discarded containers". Records of the same shall be maintained and forwarded to Gujarat Pollution Control Board regularly.	We abide by this condition.
19.	In case of transport of hazardous wastes to a facility for (i.e. treatment, storage and disposal) existing in a State other than the State where hazardous wastes are generated, the occupier shall obtain 'No Objection Certificate' from the State Pollution Control Board or Committee of the concerned State of Union Territory Administration where the facility exists.	We abide by this condition.
20.	Unit shall take all concrete measures to show tangible results in waste generation, reduction, avoidance, reuse and recycle. Actions taken in this regard shall be submitted within three months and also along with Form-4.	Process Gypsum Sludge & Iron Oxide waste are sent to Cement Industries for reuse. Organic Sludge generated is transferred at Colourtex Industries Pvt. Ltd. (Unit-2) sisterconcern and sent for Co-processing as far as possible.
21.	Industry shall have to display the relevant information with regards to hazardous waste as indicated in the Hon. Supreme Court's Order in W.P. No.657 of 1995 dated 14th October, 2003.	We abide by this condition.
22.	Industry shall have to display on-line data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including wastewater and air emissions and solid hazardous wastes generated within the factory premises.	We abide by this condition.
	GENERAL CONDITIONS : -	
7.1	Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.	We abide by this condition.
7.2	Applicant shall also comply with the general conditions given in annexure I.	We abide by this condition.

Sr. No.	Conditions	Compliance
7.3	Whenever due to accident or other unforeseen act or ever, such emissions occur or is apprehended to occur in excess of standards laid down such information shall be forthwith reported to Board, concerned Police Station, Office of Directorate of Health Service, Department of Explosives, Inspectorate of Factories and local body.	We abide by this condition.
7.4	In case of failure of pollution control equipments, the production process connected to it shall be stopped. Remedial actions/measures shall be implemented immediately to bring entire situation normal.	We abide by this condition.
7.5	The Environmental Management Unit/Cell shall be setup to ensure implementation on and monitoring of environmental safeguards and other conditions stipulated by statutory authorities. The Environmental Management Cell/Unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issues. These cells/units also coordinate the exercise of environmental audit and preparation of environmental statements.	We have set up Environmental Management Cell to ensure implementation on and monitoring of environmental safeguards and other conditions stipulated by statutory authorities.
7.6	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.	We regularly submit Environmental Audit report prepared by Schedule - I auditor to the Board. We also regularly submit the environment statement to State Board.
7.7	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.	We abide by this condition.
7.8	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.	We abide by this condition.
7.9	Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Hon. Supreme order in w.p. no. 657 of 1995 dated 14th October 2003.	We abide by this condition.
8.	SPECIFIC CONDITIONS:-	
8.1	The authorized actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorization.	We abide by this condition.
8.2	Handling over of the hazardous and other wastes to the authorized actual user shall be only after making the entry in the passbook of the actual user.	We abide by this condition.

Sr. No.	Conditions	Compliance
8.3	In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.	We abide by this condition.
8.4	The occupier of the facility shall comply Standard operating procedure/guidelines published by MOEF&CC or CPCB or GPCB from time to time.	We abide by this condition.
8.5	Unit shall comply provisions of E-Waste Management Rules-2016.	We abide by this condition.
8.6	The disposal of Hazardous Waste shall be carried out as per the waste Management hierarchy.	We abide by this condition.
8.7	The occupiers of facilities shall not store the hazardous and other wastes for a period not exceeding ninety days. Prior permission of the Board shall be obtained for extension of the storage period.	We abide by this condition.
8.8	The occupier shall maintain the records of generation, sale, storage, transport, recycling, co processing and disposal of hazardous waste and make available during the inspection.	We abide by this condition.
8.9	The transportation of the hazardous waste shall be carried out in GPS mounted dedicated vehicles.	We abide by this condition.

ANNEXURE – 5

A Copy Notice issued and Reply

SHOW CAUSE NOTICE

PCB ID : 20632
Legal ID : 14343

Gujarat Pollution Control Board
Paryavaran Bhavan, Sector-10/A,
Gandhinagar - 382010
23222756

ACT : Air **Show Cause Notice DATE : 07/08/2014**

WHEREAS, the Officials of the Gujarat Pollution Control Board (hereinafter referred to as the Board, in short), conducted inspection on 24/05/2014 in order to verify the statements made by you in your application for Consent to Operate under the Air Act / to ascertain the Compliances of Conditions specified in Consent Order.

WHEREAS during the inspection it was observed that:-

Reason :

1) You have failed to operate MDC & Teema Cyclone Seperator. 2) You have failed to provide appropriate facility for handling of Rakhodi Bags.

☒	1	Blackish emission is observed from the stack. So, you are not operating Air Pollution Control measures efficiently.
☒	2	House keeping was found poor.

NOW THEREFORE, in exercise of the powers vested with this Board
Under section 31(A) read with section 21 of the Air (Prevention and Control of Pollution) Act, 1981
notice is hereby served on you, to show cause within 15 days from the date of receipt of this show cause notice in view of the non compliance observed above and why legal action should not be initiated as per the provision of the Acts which may include rejection of your application and suspension/ closure of your unit.

For and on behalf of
Gujarat Pollution Control Board

D. M. Thaker, Unit Head

NO : SCN-221470 , 07/08/2014

Colourtex Industries Ltd.- (Unit-1)(Old-Pandesara Industries Pvt.Ltd.),
288/1-2,289/1-2 ,8108/2,, G. I. D. C.,
SACHIN,
Dist : Surat, Tal : Chorasi, SIDC : Sachin
Phone : -

COPY TO :-

The RO Head(P.C.B.), Surat

With a request to carryout monitoring and send the detailed I.R. & A.R. for the sample collected to this office immediately.

Printed On : 07/08/2014 **1 - Through XGN** **N I C**

Colourtex Industries Private Limited (Unit-1)
(Formerly known as Colourtex Industries Limited)
CIN : U24231GJ1989PTC012922
Correspondence Address: Plot No. 1583, B/h. Fire Station, G.I.D.C. Pandesara, Surat – 394 221
Factory Address: Block Nos. 272P, 273/P, 274, 278P, 283/P, 284/P, 285 to 288, 294 to 297, 310 & Plot Nos. 288/1, 288/2, 289/1, 289/2, 810/2, G.I.D.C. Sachin, Dist :Surat - 394 230, Gujarat – INDIA.
Tel: + 91 261 2890122 | Fax: + 91 261 2891011
e-mail: env@colourtex.co.in

colourtex
The Dyestuff Company

ID:20832

11 August 2014

To,
The Unit Head,
Surat Division,
Gujarat Pollution Control Board,
"Paryavaran Bhavan", Sector 10-A,
Gandhinagar – 382 010.

Kind Attn. : Shri D. M. Thaker Sir,

Subject : Show Cause Notice

Ref. : Your Letter No. SCN-221470, 07/08/2014 received online through xgn

Dear Sir,

We have received your above referred show cause notice online through xgn. In this connection clarification is given below.

1. We would like to clarify that, we have provided adequate & efficient Air Pollution Control Equipments with Boilers & Hot Air Generators. We operate the Air Pollution Control Equipments continuously. It may be noted that we have also received the Analysis report of the Stack monitored on 24/05/2014 by Ankleshwar Research & Analytical Infrastructure Ltd. The results of the same are within the limit. A copy of the same is attached herewith for your ready reference.

2. We have provided separate area for the storage of Fly Ash. The fly ash is collected & stored properly in the area and walkways are kept cleared.

3. The housekeeping of Boiler house has been improved. The R.C.C. road is being constructed around Boiler house, which will also help in maintaining good housekeeping.

Please look into the matter & obliged.

Thanking you.

Yours faithfully,
for, Colourtex Industries Pvt. Ltd.

General Manager (A&P)

Encl: - As above

13/8/14
Gujarat Pollution Control Board
Sector-No. 10-A,
Gandhinagar-382010

Ankleshwar Research & Analytical Infrastructure Ltd.
Plot No 1501, GIDC Industrial Estate, Ankleshwar - 393 002. (GUJARAT)
Ph. : 02646 - 238297, 220439 Web : www.arail.in
E-mail : ankleshwarresearch@gmail.com & ankleshwarresearch@arail.in
Service Tax. No. AAFCA3766KST001, PAN No. : AAFCA3766K

Certificate of Analysis

STACK AIR MONITORING REPORT				
Report No:	ARAIL/E/140524002			
Report Date:	24-May-14			
Name of Client:	**Colourtex Pvt Ltd**			
Address of Client	288/1-2, 289/1-2, 2108/2, GIDC Sachin, Surat.			
Sample Collected By:	ARAIL Representative			
Date of Sampling:	24-May-14			
Analysis Started on:	25-May-14	Analysis Completed On:		25-May-14
Instrument Used:	Stack Monitoring Kit VSS1			
Calibration Details:	Calibration Date:	27-Feb-14	Calibration Due Date:	26-Feb-15
Location of Sampling:				

Sr. No.	Parameters	Results	Units	Limits	Method
1	SPM	141.55	mg/Nm^3	150	IS:5182 (Part-16): Gravimetric
2	Sulphur Dioxide (SO_2)	11.72	ppm	100	IS:5182 (Part-2): Improved West & Gaeke

Note: : Test Results related only to the sample tested.
: Test Results relate only to the condition prevailing at time of sampling.
: This certificate may not be reproduced in part, without the permission of this laboratory.

Monitored By: Checked By: Authorized By:
Name: Dr. V. K. Srivastava
Designation: Head-Laboratories

Recognitions, approvals and certifications :
Recognised by MoEF, Govt of India, EP Act 1986, Environment Notification S.O. 1295 (E), dated 08/06/2012 (08/06/2012 up to 05/08/2017)
FDA, Govt of Gujarat approved, NABL accredited, DSIR registered, OHSAS-18001 certified Laboratory, GPCB Schedule-II Auditor

GPCB

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

કારણ દર્શક નોટીસ

આપ આપનું એકમ M/s. Colourtex Industries Ltd.(Unit-1), Plot No:- 288/1-2,289/1-2,8108/2, GIDC, Sachin, Tal:- Chorasi, Dist:- Surat.ઠેકાણે ઉદ્યોગ ચલાવો છો.

અને જ્યારે બોર્ડ ના અધિકારીઓ દ્વારા આપના એકમની CTE-Amendment ની અરજી અન્વયે તા: 13/03/2019-ના રોજ મુલાકાત લીધેલ ત્યારે એકમ કાર્યરત જોવા મળેલ અને નીચે મુજબની ક્ષતિઓ જોવા મળેલ હતી.

- મુલાકાત સમયે 700 MT ETP Sludge, 2400 MT Gypsum Sludge, અને 250 MT Iron Sludge આપના એકમ પરિસરમાં સંગ્રહ કરેલ જોવા મળેલ.
- વર્ષ ૨૦૧૬ નો Environment Audit Report નો Compliance રજુ કરેલ નથી.

ઉપરોક્ત વિગતો ને ધ્યાને લઇને આપની સામે હવા અધિનિયમ ૧૯૮૧ અને પર્યાવરણ સુરક્ષા અધિનિયમ-૧૯૮૬ હેઠળ આપની સામે પગલા કેમ ન લેવા તે સબબ કારણદર્શક નોટીસ પાઠવવામાં આવે છે તથા નીચેના મુદ્દે તાત્કાલિક કાર્યવાહી કરવા જણાવવામાં આવે છે.

આપના એકમમાં હાલના તબક્કે કુલ ૪૩ process gas stack છે. આ તમામ stack ને CCA ની શરત મુજબ એક identity no આપવા જણાવવામાં આવે છે તથા process gas stack કયા પ્લાન્ટ અને કયા reaction vessel સાથે (process જેવી કે Sulphonation, nitrozation વગેરે) જોડાયેલ છે. તેની સ્પષ્ટ વિગત સાથેની વિગતો રજુ કરવી.

ઉપરોક્ત બાબતે તાત્કાલિક પગલા લેવા આ બાબતે લીધેલ પગલાની માહિતી દસ્તાવેજી પુરાવા સાથે તાત્કાલિક અત્રેની કચેરી ને મોકલવાની રહેશે. જો તેમ કરવામાં કસુરવા રહેશો તો બોર્ડ દ્વારા હવા અધિનિયમ ૧૯૮૧ અને પર્યાવરણ સુરક્ષા અધિનિયમ-૧૯૮૬ હેઠળ જરૂરી કાર્યવાહી કરવામાં આવશે..

ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડના નામે અને વતી,

શ્રીમતી. યુ.કે.ઉપાધ્યાય
(પર્યાવરણ ઇજનેર)

NO: GPCB/CCA-SRT-311(15)/ID-20632/ 41853 Date:- 25/4/19

પ્રતિ,

M/s. Colourtex Industries Ltd.(Unit-1)
Plot No:- 288/1-2,289/1-2,8108/2,
GIDC, Sachin,
Tal:- Chorasi, Dist:- Surat.

Colourtex Industries Private Limited (Unit-1)
(Formerly known as Colourtex Industries Limited)
CIN : U24231GJ1989PTC012922
Correspondence Address: Plot No. 158/3, B/h. Fire Station, G.I.D.C. Pandesara, Surat – 394 221
Factory Address: Block Nos. 272/P, 273/P, 274, 278/P, 283/P, 284/P, 285 to 288, 294 to 297, 310 & Plot Nos. 288/1, 288/2, 289/1, 289/2, 810/2, G.I.D.C. Sachin, Dist. Surat - 394 230, Gujarat – INDIA.
Tel: + 91 261 2890122 | Fax: + 91 261 2891011
e-mail: env@colourtex.co.in

colourtex®
The Dyestuff Company

ID:20632

04 August 2017

To,
Smt. U. K. Upadhyay Madam,
Unit Head,
Gujarat Pollution Control Board,
"Paryavaran Bhavan", Sector 10-A,
Gandhinagar – 382 010.

Subject : Show Cause Notice.

Ref. : Your Letter No. GPCB/CCA-SRT-311(15)/ID_20632/418513 dated 25/07/2017.

Respected Sir,

We have received your above referred letter and noted the contents there in. In this regard, we would like to clarify as below.

- We would like to clarify that the officials of Gujarat Pollution Control Board have visited our unit regarding our CTE-Amendment application on 11/04/2017. We have got the CCA to operate facility including collection, storage, transportation, and disposal of 2400 MT/Month ETP Sludge, 1446 MT/Month Iron Sludge, 4140 MT/Month Process gypsum. At the time of visit of officials from respective board they observed that 700 MT ETP Sludge, 2400 MT Gypsum Sludge & 250 MT/Month Iron Sludge is stored in storage area. We would also like to clarify that we dispose the waste regularly. We have disposed 1890.657 MT ETP Sludge to TSDF site, 4518.08 MT Process Gypsum sold to cement industries and 705.62 MT Iron Oxide waste disposed at TSDF site during 12th April 2017 to July 2017.

- We have submitted Environment Audit Report (2016-17) on 30/06/2017. We are submitting herewith the compliance of observations of Environment Audit Report (2016-17) at Annexure-1.

- We would like to clarify that there are total 32 process stacks/Vents. We have given identification no. to each process stack. The details of plant wise the process stack & the process with which they are attached is given at Annexure-2.

In light of the above facts we request the authority to file the show cause notice & not to take any action against us.

Please look into the matter & obliged.

Thanking you.

Yours faithfully,
for, Colourtex Industries Pvt. Ltd.

General Manager (A&P)
Encl.: - As above

Colourtex Industries Private Limited (Unit-1)
(Formerly known as Colourtex Industries Limited)
CIN : U24231GJ1988PTC012522
Correspondence Address: Plot No. 108/3, B/h. Fire Station, G.I.D.C. Pandesara, Surat – 394 221
Factory Address: Block Nos. 272/P, 273/P, 274, 278/P, 283/P, 284/P, 285 to 288, 294 to 297, 310 & Plot Nos. 288/1, 288/2, 289/1, 289/2, 810/2, G.I.D.C. Sachin, Dist. Surat - 394 230, Gujarat – INDIA.
Tel: + 91 261 2890122 | **Fax:** + 91 261 2891011
e-mail: env@colourtex.co.in

colourtex®
The Dyestuff Company

ID:20632

04 August 2017

To,
The Environmental Engineer,
Gujarat Pollution Control Board,
"Paryavaran Bhavan" ; Sector 10 – A,
Gandhinagar-382 010.

Subject : Compliance of Observations and Remarks of Environmental Auditor for the year 2016-17.

Dear Sir,

This has reference to the above-mentioned subject we would like to inform you that we have already submitted the Environmental Audit Report for the year 2016-17 on 30/06/2017. A received copy of the forwarding letter is attached herewith for your ready reference.

The compliance report of Observations & Remarks of Environmental Auditor (N. G. Patel Polytechnic) for the year 2016-17 is attached herewith.

Please look into the matter and oblige.

Thanking you.

Yours faithfully,
for **Colourtex Industries Pvt. Ltd.,**

General Manager (A&P)

Encl: As above.

Colourtex Industries Private Limited (Unit-1)
(Formerly known as Colourtex Industries Limited)
CIN : U24231GJ1989PTC012922
Correspondence Address: Plot No. 158/3, B/h. Fire Station, G.I.D.C. Pandesara, Surat – 394 221
Factory Address: Block Nos. 272/P, 273/P, 274, 278/P, 283/P, 284/P, 285 to 288, 294 to 297, 310 & Plot Nos. 288/1, 288/2, 289/1, 289/2, 619/2, G.I.D.C. Sachin, Dist. Surat - 394 230, Gujarat – INDIA.
Tel: + 91 261 2890122 | Fax: + 91 261 2891011
e-mail: env@colourtex.co.in

colourtex® The Dyestuff Company

ID:20632

COMPLIANCE OF OBSERVATIONS AND REMARKS OF ENVIRONMENTAL AUDITOR FOR THE YEAR 2016-17		
Sr. No.	**Observation & Recommendations**	**Compliance**
1	**M/s. Colourtex Industries Pvt. Ltd. (Unit-1)** has four power D.G. set (capacity of 380, 1000, 1250, 1250 KVA) installed to be used for emergency. Necessary facilities for Sampling are provided.	D. G. Sets are operated in case of power failure only. Monitoring of emission from D.G. Set stack is carried out once in a month, when it is in operation.
2	Water Cess for the audit period is submitted to GPCB. Major usage of water is in process, utilities & domestic. The source of water supply in **M/s. Colourtex Industries Pvt. Ltd. (Unit-1)** is G.I.D.C. water supply and from irrigation canal of Kakarapar.	Positive
3	Wastewater generated from the plant is treated in effluent treatment plant. Separate energy meters are provided for ETP. A team of qualified personnel looks after environmental aspects. Domestic wastewater generated is taken to ETP and treated along with trade effluent. The company has installed the Magnetic Dial (Digital) flow meters at inlet & outlet of ETP. It is a Common ETP of **M/s. Colourtex Industries Pvt. Ltd.(Unit-1)** and **M/s. CTX Life Sciences Pvt. Ltd.** Located at **M/s Colourtex Ind. Pvt. Ltd.(Unit-1).**	Positive
4	**M/s. Colourtex Industries Pvt. Ltd. (Unit-1)** has installed adequate numbers of fire extinguishers at different locations within premises to meet any fire hazard & minimize damage to environment, Human beings & properties.	Positive
5	The noise level at certain locations like boiler, main plant tends to be above noise standards. It is also observed that suitable protective devices are used to those areas.	Complied
6	The ETP of **M/s. Colourtex Industries Pvt. Ltd. (Unit-1)** is in fair condition and well maintained.	Positive
7	Total quantity of liquid effluent is below the quantity mentioned in the consent order.	Positive
8	The company has informed that there were no cases of complaints against the company under the Water Act-74, the Air Act - 81 and the EPA-86.	Positive
9	Overall environment at industry is good.	Positive

For **Colourtex Industries Pvt. Ltd.,**

General Manager (A&P)

Colourtex Industries Private Limited (Unit-1)
(Formerly known as Colourtex Industries Limited)
CIN : U24231GJ1988PTC012822
Correspondence Address: Plot No. 158/3, B/h. Fire Station, G.I.D.C. Pandesara, Surat – 394 221
Factory Address: Block Nos. 272/P, 273/P, 274, 278/P, 283/P, 284/P, 285 to 288, 294 to 297, 310 & Plot Nos. 288/1, 288/2, 289/1, 289/2, 810/2, G.I.D.C. Sachin, Dist. Surat - 394 230, Gujarat – INDIA.
Tel: + 91 261 2890122 | Fax: + 91 261 2891011
e-mail: env@colourtex.co.in

ID:20632

Annexure-2

Details of Process Stacks/Vent

Sr. No.	Plant Name	Stack Identification No.	Stack Attached To	Stack Height in Meter	Stack Diameter in Meter	Details of APC measures	Probable Pollutants from Stack
1	Storage Area	S1/1 & 2	EO storage area	11	0.040	Packed Tower	EO
2			EO storage area	11	0.040	Packed Tower	EO
3	S1	S1/3	Reaction Vessel	11	0.040	Packed Tower	EO
4	S3	S3/1	Reaction Vessel (Sulfonation & Drowning)	20	0.075	Two Stage Alkali Scrubbing System	SO_2 HCl
5	S3	S3/2	Reaction Vessel (Sulfonation & Drowning)	20	0.075	Two Stage Alkali Scrubbing System	SO_2 HCl
6	S4	S4/1	Reaction Vessel (Nitration & Neutralization)	11	0.040	Two Stage Alkali Scrubbing System	NOx
7	S4	S4/2	Reaction Vessel (Nitration & Neutralization)	11	0.040	Two Stage Alkali Scrubbing System	NOx
8	S4	S4/3	Reaction Vessel (Sulfonation & Isolation)	11	0.040	Two Stage Alkali Scrubbing System	SO_2
9	S4	S4/4	Reaction Vessel (Sulfonation & Isolation)	11	0.04	Two Stage Alkali Scrubbing System	SO_2
10	S4	S4/5	Reaction Vessel (Sulfonation & Isolation)	11	0.04	Two Stage Alkali Scrubbing System	SO_2
11	S4	S4/6	SFD	19.5	0.300	Bag Filter	SPM
12	S6	S6/1	Reaction Vessel (Isolation)	20	0.08	Two Stage Alkali Scrubbing System	SO_2
13	S6	S6/2	Reaction Vessel (Isolation)	20	0.08	Two Stage Alkali Scrubbing System	SO_2
14	S6	S6/3	Reaction Vessel (Condensation)	20	0.08	Water Scrubbing System	NH3
15	S6	S6/4	SFD-1	25	0.6	Water Scrubber	SPM
16	S6	S6/5	SFD-2	25	0.6	Water Scrubber	SPM
17	S7	S7/1	Reaction Vessel (Sulfonation)	19.8	0.15	Two Stage Alkali Scrubbing System	SO_2 HCl
18	S7	S7/2	Reaction Vessel (Sulfonation)	19.8	0.315	Two Stage Alkali Scrubbing System	SO_2 HCl
19	S2/P	S2/P/1	Chlorosulfonation	11	0.050	Two Stage Alkali Scrubbing System	HCl
20	S2/P	S2/P/2	Aminolysis	25	0.040	Water Scrubbing System	NH3

Colourtex Industries Private Limited (Unit-1)
(Formerly known as Colourtex Industries Limited)
CIN : U24231GJ1989PTC012822
Correspondence Address: Plot No. 159/3, B/h. Fire Station, G.I.D.C. Pandesara, Surat – 394 221
Factory Address: Block Nos. 272/P, 273/P, 274, 275/P, 283/P, 284/P, 285 to 288, 294 to 297, 310 & Plot Nos. 288/1, 288/2, 289/1, 289/2, 810/B2, G.I.D.C. Sachin, Dist. Surat - 394 230, Gujarat – INDIA.
Tel: + 91 261 2890122 | Fax: + 91 261 2891011
e-mail: env@colourtex.co.in

colourtex® The Dyestuff Company

ID:20632

Sr. No.	Plant Name	Stack Identification No.	Stack Attached To	Stack Height in Meter	Stack Diameter in Meter	Details of APC measures	Probable Pollutants from Stack
21	S8	S8/1	Fluid Bed Dryer	11	0.3	Bag Filter	SPM
22	S9	S9/1	Reaction Vessel (Condensation & Chlorination)	11	0.400	Alkali Scrubbing System	NOx, NH3, HCl
23	S9	S9/2	Condensator & Chlorinator	11		Alkali Scrubbing System	SO2, HCl
24	S9	S9/3	Spray Dryer-1	38.058	1.25	Cyclone & Water Scrubber	SPM
25	S9	S9/4	Spray Dryer-2	38.058	1.25	Cyclone & Water Scrubber	SPM
26	S9	S9/5	Spray Dryer-3	38.058	1.25	Cyclone & Water Scrubber	SPM
27	S10	S10/1	Reaction Vessel (Sulfonation & Diazotization)	11	0.400	Two Stage Alkali Scrubbing System	SO2, HCl NOx, Cl2
28	S10	S10/2	Reaction Vessel (Sulfonation & Diazotization)	11		Two Stage Alkali Scrubbing System	SO2, HCl NOx, Cl2
29	S10	S10/3	Reaction Vessel (Condensation)	11	0.15	Two Stage Alkali Scrubbing System	HCl Cl2
30	S10	S10/4	Reaction Vessel (Condensation)	11	0.15	Two Stage Alkali Scrubbing System	HCl Cl2
31	S10	S10/5	Spray Dryer-1	25	1	Cyclone & Water Scrubber	SPM
32	ETP	ETP/1	Neutralizing Tank	15	0.1	Single Stage Alkali Scrubbing System	SO_2 HCl

SHOW CAUSE NOTICE

PCB ID : 20632
Legal ID : 33292

Gujarat Pollution Control Board
Paryavaran Bhavan, Sector-10/A,
Gandhinagar - 382010
23222756

ACT : Water **Show Cause Notice DATE : 19/04/2018**

WHEREAS, the Officials of the Gujarat Pollution Control Board (hereinafter referred to as the Board, in short), conducted inspection on 15/02/2018 in order to verify the statements made by you in your application for Consent to Operate under the Water Act / to ascertain the Compliances of Conditions specified in Consent Order.

WHEREAS during the inspection it was observed that:-

Reason :

As per AR TDS:3410 mg/lit which is higher than GPCB norms.

☒	1	Anamlysis report of the sample collected during visit is not meeting with norms of the Board.

NOW THEREFORE, in exercise of the powers vested with this Board
Under Section 33(A) read with section 25/26 of the Water(Prevention and Control of Pollution) Act, 1974
notice is hereby served on you, to show cause within 15 days from the date of receipt of this show cause notice in view of the non compliance observed above and why legal action should not be initiated as per the provision of the Acts which may include rejection of your application and suspension/ closure of your unit.

For and on behalf of
Gujarat Pollution Control Board

N.M. Tabhani,Unit Head

NO : SCN-452241 , 19/04/2018

Colourtex Industries Ltd.- (Unit-1)(Old-Pandesara Industries Pvt.Ltd.),
288/1-2,289/1-2 ,8108/2,, G. I. D. C.,
SACHIN,
Dist : Surat, Tal : Chorasi, SIDC : Sachin
Phone : -

COPY TO :-

The RO Head(P.C.B.), Surat

With a request to carryout monitoring and send the detailed I.R. & A.R. for the sample collected to this office immediately.

Printed On : 19/04/2018 **1 - Through XGN** **N | C**

Colourtex Industries Private Limited (Unit-1)
(Formerly known as Colourtex Industries Limited)
CIN : U24231GJ1989PTC012922
Correspondence Address: Plot No. 158/3, B/h. Fire Station, G.I.D.C. Pandesara, Surat – 394 221
Factory Address: Block Nos. 272/P, 273/P, 274, 278/P, 283/P, 284/P, 285 to 288, 294 to 297, 310 & Plot Nos. 288/1, 288/2, 289/1, 289/2, 8108/2, G.I.D.C. Sachin, Dist. Surat - 394 230, Gujarat – INDIA.
Tel: + 91 261 2890122 | Fax: + 91 261 2891011
e-mail: env@colourtex.co.in

colourtex
The Dyestuff Company

ID:20632

19 April 2018

To,
The Unit Head,
Surat Division,
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector -10 A,
Gandhinagar- 382010.

Kind Attn. : Shri N. M. Tabhani Sir

Subject : Show Cause Notice

Ref. : Your Letter No. : SCN-452241, dated 19/4/2018

Respected Sir,

We have received your above referred letter on xgn and noted the content there in. In this regard, the clarification is furnished as below.

Regarding the higher TDS value, we would like to clarify that out treated effluent is discharged in to the underground drainage system of G.I.D.C. Sachin, which ultimately flows in to the Aerabian Sea, where TDS are much higher compared to our treated effluent. Further, we operate all the effluent treatment units efficiently, So that the other parameters of treated effluent always conforms the specified standards.

In view of the above, we request you not to initiate any legal action against us.

Please look into the matter and oblige.

Thanking you.

Yours faithfully,
For **Colourtex Industries Pvt. Ltd.,**

General Manager (A&P)

Encl.: - As above

D
19/4/18
Gujarat Pollution Control Board
Head Office
Sector No. 10-A,
Gandhinagar-382010