

F. No. J-11011/25/2019-IA-II(I)

Government of India
Ministry of Environment, Forest & Climate Change
Impact Assessment Division

Indira Paryavaran Bhavan, Vayu Wing, 3rd Floor, Aliganj, Jor Bagh Road, New Delhi-110 003

Dated: 11th May, 2020

To,

M/s Cosmic Pigments & Intermediates (Unit-II), Survey No. 238, Village Lunej, Taluka Khambhat, District **Anand**, (Gujarat)

Sub: Setting up of pigments, dyes and synthetic organic chemicals manufacturing unit by M/s Cosmic Pigments & Intermediates (Unit-II) at Survey No. 238, Village Lunej, Taluka Khambhat, District Anand (Gujarat) - Environmental Clearance - reg.

Sir,

This has reference to your online proposal No. IA/GJ/IND2/91049/2019, dated $1^{\rm st}$ February, 2020 for environmental clearance to the above mentioned project.

- 2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for Setting up of pigments, dyes and synthetic organic chemicals manufacturing unit of capacity 2900 TPM by M/s Cosmic Pigments & Intermediates (Unit-II) in an area of 20,538 sqm at Survey No. 238, Village Lunej, Taluka Khambhat, District Anand (Gujarat).
- **3.** The details of proposed products are as under:-

Sr.N o.of Tota I Prod ucts	Cate gory wise Sr.N o. of Prod ucts	Gro up wis e Sr. No. of Pro duc ts	Name of the Products	CAS no. / CI no.	Quant ity MT/M onth	LD50 /LC50
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1.Total No. of Products: Category: A+B+C+D+E+F+G+H+I+J+K+L = 274;

Tot			on capacity of All -A: Pigments (Gr			No. of the Assessment Control of the	-		
	Cat	-	oup-1: Pigment R		*TJ - J	100)	7		
1	1	1	Pigment Red 2	6041-94-7		LD50 mg/kg	Oral,	Rat	8110
2	2	2	Pigment Red 3	2425-85-6	200	LD50 mg/kg	Oral,	Rat	8180
3	3	3	Pigment Red 4	2814-77-9		LD50 mg/kg	Oral,	Rat	8140
4	4	4	Pigment Red 5	6410-41-9		LD50	Oral	Rat	8190

C for M/s Cosmic Pigments & Intermediates (Unit-II)

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5	5	5	Pigment Red	12	6410-32-8
6	6	6	Pigment Red		6471-50-7
7	7	7	Pigment Red		6358-87-8
8	8	8	Pigment 48:1	Red	7585-41-3
9	9	9	Pigment 48:2	Red	7023-61-2
10	10	10	Pigment 48:3	Red	15782-05- 5
11	11	11	Pigment 48:4	Red	5280-66-0
12	12	12	Pigment 48:5	Red	N.A.
13	13	13	Pigment Rec	49	1248-18-6
14	14	14	Pigment 49:1	Red	1103-38-4
15	15	15	Pigment 49:2	Red	1103-39-5
16	16	16	Pigment 49:3	Red	6371-67-1
17	17	17	Pigment 52:1	Red	17852-99- 2
18	18	18	Pigment 52:2	Red	12238-31-
19	19	19	Pigment Red	53	2092-56-0
20	20	20	Pigment 53:1	Red	5160-02-
21	21	21	Pigment	Red	73263-40-
22	22	22	53:3 Pigment	Red	5281-04-
23	23	23	57:1 Pigment	Red	9. 6417-83-0
24	24	24	63:1 Pigment	Red	35355-77-
25	25	25	63:2 Pigment Red	81	2 12224-98-
		-5			5
26	26	26	Pigment 81:1	Red	80083-40- 5
27	27	27	Pigment 81:x	Red	63022-06- 0
28	28	28	Pigment 81:y	Red	N.A.
29	29	29	Pigment 81:2	Red	75627-12- 2
30	30	30	Pigment 81:3	Red	68310-07- 6
31	31	31	Pigment 81:4	Red	85959-61- 1
32	32	32	Pigment Red	112	6535-46-2

mg/kg		
LD50 Oral,	Rat	8160
mg/kg		
NA dermal route	(1.5	
)50 >
2000 mg/kg by LD50 Oral,	Rat	8160
mg/kg	Nat	0100
LD50 Oral,	Rat	8190
mg/kg	itac	0130
LD50 Oral,	Rat	8130
mg/kg		0200
LD50 Oral,	Rat	8160
mg/kg		
NA		
NA		
NA		
IVA		
NA		
	Rat	8190
mg/kg		0170
L.D.50 ACUTE	ORAL(RATS)
: ABOUT 5,000		
		8140
mg/kg		
NA		
LD50 rat (oral	l): >	2.000
mg/kg	170	
LD50 rat : 8260	0 mg/	kg
LD50 rat (oral): >	2.000
mg/kg		
LD50 rat (oral): >	2.000
mg/kg LD50 rat (oral	١. >	2 000
mg/kg): >	2.000
LD50 rat (oral): >	2.000
mg/kg	\.	2.000
LD50 rat (oral mg/kg): >	2.000
LD50 rat (oral): >	2.000
mg/kg		
LD50 Oral,	Rat	8290

	1					mg/kg
33	33	33	Pigment Red 122	980-26-7		LD50 Oral, Rat 8290
34	34	34	Pigment Red 123	24108-89-		mg/kg LD50 rat (oral): > 2.000
35	35	35		5280-78-4	-	mg/kg LD50 Oral, Rat 8380
33	33	33	Pigment Red 144	3200-70-4	-	mg/kg LD50 Oral, Rat 8360
36	36	36	Pigment Red 146	5280-68-2		mg/kg
37	37	37	Pigment Red 168	4378-61-4		NA
38	38	38	Pigment Red 169	12237-63- 7		LD50 Oral, Rat 5000 mg/kg
39	39	39	Pigment Red 170	2786-76-7		LD50 Oral, Rat 8270 mg/kg
40	40	40	Pigment Red 175	6985-92-8		LD50 Oral, Rat 8350 mg/kg
41	41	41	Pigment Red 176	12225-06-		LD50 Oral, Rat 8380
42	42	42	Pigment Red 177	8 4051-63-2		mg/kg LD50 Oral, Rat 8340
Name			riginoneriou ziri		1	mg/kg
43	43	43	Pigment Red 178	3049-71-6		LD50 Species: rat Value: > 5,000 mg/kg
44	44	44	Pigment Red 179	5521-31-3		LD50 Oral, Rat 8290 mg/kg
45	45	45	Pigment Red 188	61847-48- 1		LD50 rat (oral): > 2.000 mg/kg
46	46	46	Pigment Red 202	3089-17-6		LD50 Oral, Rat 8360
				122390-		mg/kg LD50 Oral, Rat 8380
47	47	47	Pigment Red 254	98-1		mg/kg
48	48	48	Pigment Red 256	79102-65- 1		Oral LD50: >10 g/kg (rats) practically non-toxic
49	49	49	Pigment Red 264	122390- 98-1		LD50 Oral, Rat 8320 mg/kg
		Grou	ıp-2: Pigment Yel	7/4/27 - 7/2	<u> </u>	
50	50	1	Pigment Yellow 1	2512-29-0		LD50 Oral, Rat. >10000mg/kg
51	51	2	Pigment Yellow 3	6486-23-3		LD50 Oral, Rat 8252mg/kg
52	52	3	Pigment Yellow	6358-85-6		LD50 Oral, Rat
53	53	4	Pigment Yellow	5102-83-0		.>5000mg/kg LD50 Oral, Rat
54	54	5	Pigment Yellow	5468-75-7		.>5000mg/kg LD50 Oral, Rat
W-55 W	1 5520, W		14 Pigment Yellow	500 N 500 N	200	.>5000mg/kg
55	55	6	16 Pigment Yellow	5979-28-2		Not Listed LD50 Oral, Rat 8230
56	56	7	17	4531-49-1		mg/kg
F 7	57	8	Pigment Yellow 61	12286-65- 6		LD50 Oral, Rat 8160 mg/kg
57	J.,		OT	O		1119/109

59	59	10	Pigment 63	Yellow	14569-54- 1		Not Listed
60	60	11	Pigment 65	Yellow	6528-34-3		LD50 Oral, Rat 8230 mg/kg
61	61	12	Pigment 73	Yellow	13515-40- 7		LD50 Oral, Rat 8190 mg/kg
62	62	13	Pigment 74	Yellow	6358-31-2		LD50 Oral, Rat 8260 mg/kg
63	63	14	Pigment 83	Yellow	5567-15-7		LD50 Oral, Rat 8390 mg/kg
64	64	15	Pigment 93	Yellow	5580-57-4		LD50 Oral, Rat 14000 mg/kg
65	65	16	Pigment 97	Yellow	12225-18- 2		LD50 Oral, Rat 8250 mg/kg
66	66	17	Pigment 101	Yellow	2387-03- 3.		LD50 rat (oral): > 2.000 mg/kg
67	67	18	Pigment 120	Yellow	29920-31- 8		oral route (LD50 > 15 000 mg/kg bw)
68	68	19	Pigment 121	Yellow	61968-85- 2		NA NA
69	69	20	Pigment 138	Yellow	30125-47- 4		LD50 rat (oral): > 5.000 mg/kg
70	70	21	Pigment 139	Yellow	36888-99- 0		LD50 Oral, Rat 2000 mg/kg
71	71	22	Pigment 151`	Yellow	31837-42- 0		LD50 Oral, Rat 8330 mg/kg
72	72	23	Pigment 153	Yellow	68859-51- 8		NA
73	73	24	Pigment 154	Yellow	68134-22- 5		LD50 Oral, Rat 8250 mg/kg
74	74	25	Pigment 155	Yellow	68516-73- 4		NA NA
75	75	26	Pigment 174	Yellow	78952-72- 4		LD50 Oral, Rat =980mg/kg
76	76	27	Pigment 180	Yellow	77804-81- 0		LD50 Oral, Rat 5000mg/kg
77	77	28	Pigment 181	Yellow	74441-05- 7		oral route (LD50 > 5000 mg/kg bw)
78	78	29	Pigment 182	Yellow	67906-31- 4		NA
79	79	30	Pigment 183	Yellow	23792-68- 9		LD50 Species: rat (male/female) Value: > 5,000 mg/kg
80	80	31	Pigment 191	Yellow	129423- 54-7		Oral LD50 value of 5 mg/kg or greater in rats.
81	81	32	Pigment 191:1	Yellow	154946- 66-4		LD50 Oral, Rat 2000mg/kg
		Grou	ıp-3: Pigr	ment Ora	inge = 8	**************************************	
82	82	1	Pigment 5		3468-63-1		LD50 Oral, Rat 8120 mg/kg
83	83	2	Pigment 13	Orange	3520-72-7	200	LD50 Oral, Rat 8190 mg/kg
84	84	3	Pigment	Orange	6505-28-8		LD50 Oral, Rat 8120

			16			mg/kg
85	85	4	Pigment Orange	15793-73-		LD50 Oral, Rat 8250
	05		34	4		mg/kg
86	86	5	Pigment Orange	12236-62-		LD50 Oral, Rat 8210
	0.000	No.	36	3		mg/kg
87	87	6	Pigment Orange 43	4424-06-0		LD50 Oral, Rat 2000 mg/kg
			Pigment Orange	52846-56-		LD50 Oral, Rat 8370
88	88	7	62	7		mg/kg
00	00		Pigment Orange	72102-84-	-	LD50 Oral, Rat 8270
89	89	8	64	2		mg/kg
		Gro	up-4: Pigment Blu			
90	90	1	Pigment Blue 1	1325-87-7		NA
91	91	2	Pigment Blue 15	147-14-8		LD50 Oral, Rat. >3200mg/kg
92	92	3	Pigment Blue	147-14-8		LD50 Oral, Rat.
92	92	3	15:1	147-14-0		>3200mg/kg
93	93	4	Pigment Blue	147-14-8		LD50 Oral, Rat.
	-55		15:2	117 110		>3200mg/kg
94	94	5	Pigment Blue 15:3	147-14-8	200	LD50 Oral, Rat 2000mg/kg
95	95	6	Pigment Blue 15:4	147-14-8	200	LD50 Oral, Rat 2000mg/kg
96	96	7	Pigment Blue 15:6	147-14-8		LD50 Oral, Rat 2000mg/kg
97	97	8	Pigment Blue 16	574-93-6		LD50 Oral, Rat 2000mg/kg
98	98	9	Pigment Blue 60	81-77-6		LD50 Oral, Rat > 980 mg/kg
99	99	10	Pigment Blue 62	57485-98- 0		LD50 Oral, Rat 2000mg/kg
		Gro	up-5: Pigment Vio	let = 7		
100	100	1	Pigment Violet 1	1326-03-0		LD50 Oral, Rat 2000mg/kg
101	101	2	Pigment Violet 1x	N.A.		LD50 Oral, Rat 2000mg/kg
102	102	3	Pigment Violet 3	1325-82-2		LD50 Oral, Rat 2000mg/kg
103	103	4	Pigment Violet 19	1047-16-1	200	LD50 Oral, Rat 8420 mg/kg
104	104	5	Pigment Violet 23	6358-30-1	200	LD50 Oral, Rat 2000mg/kg
105	105	6	Pigment Violet 27	12237-62- 6		LD50 Oral, Rat. >3200mg/kg
106	106	7	Pigment Violet 29	81-33-4		LD50 Oral, Rat 2000mg/kg
	1		Category-A (Gro	up 1 + 2 +	1000	
) = 106 B: Solvent Dyes			
	Cate		up-1: Red Solvent	Dvec - 12		
107	1	1	Solvent Red 19E	6368-72-5		NA
108	2	2	Solvent Red 19L	85-86-9		NA
					I MATERIAL PROPERTY.	Acute oral toxicity:
109	3	3	Solvent Red 24	85-83-6	100	LD50(Rat): 8110mg/kg
110	4	4	Solvent Red 52	81-39-0		Acute oral toxicity: LD50(Rat): 8160mg/kg

	-	-					
111	5	5	Solvent Re	ed 111	82-38-2		Acute Toxicity: Oral-dog LD 50:>8 g/kg
112	6	6	Solvent Re	ed 135	20749-68- 2		Acute oral toxicity: LD50(Rat): 8260mg/kg
113	7	7	Solvent Re	ed 151	144013- 41-1		NA
114	8	8	Solvent Re	ed 168	71832-19- 4	-	Acute oral toxicity: LD50(Rat): 8220mg/kg
115	9	9	Solvent Re	d 160	27354-18-	-	Acute oral toxicity:
					3		LD50(Rat): 8230mg/kg Acute oral toxicity:
116	10	10	Solvent Re	ed 179	479-27-6		LD50(Rat): 8260mg/kg
117	11	11	Solvent Re	ed 197	52372-39- 1		Acute oral toxicity: LD50(Rat): 8190mg/kg
118	12	12	Solvent Re	ed 207	15958 69-6		NA
119	13	13	Solvent Re		2944-28-7		NA
			up-2: Yello	w Solv	ent Dyes =		
120	14	12 1	Solvent Ye	llow 2	6370-43-0	-	NA
			Solvent	Yellow		1	
121	15	2	14		842-07-9		NA
122	16	3	Solvent 18	Yellow	6407-78-9		NA
123	17	4	Solvent 33	Yellow	8003-22-3		Skin, rabbit: LD50 = >2 gm/kg.
124	18	5	Solvent 43	Yellow	19125-99 -		NA
125	19	6	Solvent 44	Yellow	2478-20-8		NA
126	20	7	Solvent 72	Yellow	61813-98- 7		NA
127	21	8	Solvent 114	Yellow	7576-65-0		NA
128	22	9	Solvent 131	Yellow	71819-82- 4		NA
129	23	10	Solvent 157	Yellow	27908-75- 4		Acute oral toxicity: LD50(Rat): 8200mg/kg
130	24	11	Solvent 163	Yellow	106768- 99-4		LD50 rat (oral): > 2,000 mg/kg (OECD Guideline 423)
131	25	12	Solvent 167	Yellow	N.A.		NA
		Grou	up-3: Orai	nge So	lvent Dyes		
132	26	1	Solvent 60	Orange	61969-47 - 9		Acute oral toxicity: LD50(Rat): 8090mg/kg
133	27	2	Solvent 63	Orange	16294-75- 0		Acute oral toxicity: LD50(Rat): 8190mg/kg
134	28	3	100 00	Orange	31482-56- 1		LD50 Intraperitoneal Rat=3060 MG/KG
		Gro	Para Control Control	Solven	t Dyes = 6		
135	29	1	Solvent Bl		17354-14-		NA

	T			2	-	
136	30	2	Solvent Blue 36	14233-37-		Acute oral toxicity:
130	30		Solvent blue 30	5		LD50(Rat): 8080mg/kg
137	31	3	Solvent Blue 97	61969-44- 6		Acute oral toxicity: LD50(Rat): 8200mg/kg
138	32	4	Solvent Blue 101	6737-68-8		NA
139	33	5	Solvent Blue 102	15403-56- 2		NA
140	34	6	Solvent Blue 104	116-75-6		Not acutely toxic via the oral route (LD50 > 5000 mg/kg bw)
		Gro 4	up-5: Violet Solv	ent Dyes =		
141	35	1	Solvent Violet 13	81-88-1		LD50 Oral, Rat. >500mg/kg
142	36	2	Solvent Violet 14	67577-84- 8		Acute oral toxicity: LD50(Rat): 8110mg/kg
143	37	3	Solvent Violet 38	63512-14- 1		NA
144	38	4	Solvent Violet 59	6408-72-6		Acute oral toxicity: LD50(Rat): 8220mg/kg
		Gro 3	up-6: Green Solv	ent Dyes =		
145	39	1	Solvent Green 3	128-80-3		LD50 = 3660 mg/kg (Rat
146	40	2	Solvent Green 28	71839-01- 5		LD50 = 3660 mg/kg (Rat
147	41	3	Solvent Green 33	10671-57- 8		NA
			Category-B (Gro + 6) = 41	oup 1 + 2 +	100	
	Cate	gory	-C: Solvent Dyes			
		Gro	up-1: Red Acid Dy	res = 3		
148	1	1	Acid Red 34	6360-67-1		NA
149	2	2	Acid Red 88	1658-31-7		NA
150	3	3	Acid Red 183	6408-31-7		NA
		Gro	up-2: Yellow Acid	Dyes = 3	-	
151	4	1	Acid Yellow 36	587-98-4		ORAL LD50 Rat > 2000 mg/k
			Acid Yellow 151	12715-61-		NA
152	5	2		6		
152 153	6	3	Acid Yellow 194	61814-52- 6	100	NA
		3		61814-52- 6	100	NA
153	6	3 Gro	up-3: Orange Acid	61814-52- 6 Dyes = 2	100	
153 154	6	3 Gro	oup-3: Orange Acid Acid Orange 33	61814-52- 6 Dyes = 2 6507-77-3	100	NA
153	6	3 Gro	up-3: Orange Acid	61814-52- 6 Dyes = 2	100	
153 154	6	3 Gro 1 2	Acid Orange 33 Acid Orange 61	61814-52- 6 Dyes = 2 6507-77-3 6408-33-9	100	NA
153 154	6	3 Gro 1 2	oup-3: Orange Acid Acid Orange 33	61814-52- 6 Dyes = 2 6507-77-3 6408-33-9	100	NA
153 154 155	7 8	3 Gro 1 2 Gro	Acid Orange 33 Acid Orange 61 Acid Orange 61	61814-52- 6 Dyes = 2 6507-77-3 6408-33-9 yes = 3	100	NA NA

	T					mallea
						mg/kg.
		Gro	up-5: Black Acid I	Dves = 1		
150	12			99576-15-	İ	Rat Oral LD50 (mg/kg)
159	12	1	Acid Black 210	5		>5000
		Gro	up-6: Brown Acid	Dyes=5		
160	13	1	Acid Brown 58	12269-87- 3		NA
161	14	2	Acid Brown 126	N.A.	ĺ	NA
162	15	3	Acid Brown 362	61931-13- 3		Acute oral toxicity LD50(Rat): 8300mg/kg
163	16	4	Acid Brown 425	119509- 49-8		NA
164	17	5	Acid Brown 432	119509- 50-1		NA
	Tota		f Category C	=(Group	100	
	_		1+5+6) = 17		100	
	Cate	-	-D:Basic Dyes		<u> </u>	
165	1	Gro	up-1: Red Basic D Basic Red 12	6320-14-5		NA
	1 1		Dasic Reu 12	12217-48-		IVA
166	2	2	Basic Red 14	0		NA
167	3	3	Basic Red 18	14097-03- 01		NA
		Gro	up-2: Yellow Basi			
168	4	1	48054	54060-92- 3		Acute oral toxicity: LD50(Rat): 200mg/kg
169	5	2	N.A	78181-99- 4	100	NA
		Gro	up-3: Orange Bas			
170	6	1	Basic Orange 30	12217-45- 7		NA
171	7	2	Basic Orange 33	12217-46- 8		NA
		Gro	up-4: Blue Basic I			
172	8	1	Basic Blue 140	61724-62- 4		NA
		Gro	up-5: Black Basic			
173	9	1	Basic Mix Black	NA .		NA
	Tota 1+2		of Category D I+5) = 9	=(Group	100	
	Cate	gory	-E: Direct Dyes			
		Gro	up-1: Red Basic D	The second secon		
174	1	1	Direct Red 16	07/02/622 7		NA
175	2	2	Direct Red 80	08/10/261 0	100	NA
176	3	3	Direct Red 81	09/11/261 0	100	NA
		Gro	up-2: Yellow Dire	ct Dyes		
177	4	1	Direct Yellow 11	1325-37-7		NA
178	5	2	Direct Yellow 27	10190-68-		NA

			r		I	
179	6	3	Direct Yellow	8 71838-49-	_	NA
1/9	0	SSER	147	8		IVA
180	7	Gro	up-3: Orange Dire Direct Orange 15		-	NA
181	8	2	Direct Orange	6598-63-6		NA
588 M 200		G=16	102 up-4: Blue Direct	Sungaphilite and I have been been		****
				12222-00-	1	
182	9	1	Direct Blue 80	3		NA
183	10	2	Direct Blue 86	1330-38-7		ORAL RAT LD50:>5 g/kg
		Gro	up-5: Black Direct	Dyes	<u>:</u>	
184	11	1	Direct Black 168	3818-60-8		NA
	Total		f Category E +5) = 11	=(Group	100	
	Cate		f: Disperse Dyes			
		Gro	up-1: Red Dispers			
185	1	1	Disperse Red 50	12223-35- 7		NA
186	2	2	Disperse Red 60	12223-37- 9		NA
187	3	3	Disperse Red 91	12223-46- 0		NA
188	4	4	Disperse Red 92	12236-11- 2		NA
189	5	5	Disperse Red 167	61968-52- 3		NA
		Gro	up-2: Yellow Disp			
190	6	1	Disperse Yellow 54	12223-85- 7		NA
191	7	2	Disperse Yellow 56	54077-16- 6		NA
192	8	3	Disperse Yellow 114	61968-66- 9	100	NA
193	9	4	Disperse Yellow 119	57308-41- 5	100	NA
194	10	5	Disperse Yellow 211	86836-02- 4		NA
			up-3: Orange	Disperse		
		Dye	S Disperse Orange	12223-22-		Oral (rat) LD50: >2000
195	11	1	25	2		Oral (rat) LD50: >2000 mg/kg
196	12	2	Disperse Orange 30	12223-23- 3		NA
		Gro	up-4: Blue Dispers			
197	13	1	Disperse Blue 56	12217-79- 7		NA
198	14	2	Disperse Blue 79	12239-34- 8		NA
199	15	3	Disperse Blue F2RX (mix)	N.A.		NA
200	16	4	Disperse Blue	N.A.		NA

			F2GX (mix	1			
201	1.7		Disperse	Blue	N1 A		210
201	17	5	F2IX (mix)		N.A.		NA
		Grou	up-5: Black		se Dyes		
202	18	1	Disperse B (mix)	lack R	N.A.		NA
203	19	2	Disperse RLX (mix)	Black	N.A.		NA
204	20	3	Disperse XPX (mix)	Black	N.A.		NA
		Grou	up-6: Greer	1 Dispe	rse Dyes		
205	21	1	Disperse 2B (mix)	Green	NA		NA
		Grou	up-7: Brow	n Dispe	erse Dyes		
206	22	1		Brown	NA		NA
		Grou	up-8: Gray	Disper	se Dyes		
207	23	1	Disperse RBB (mix)	Gray	NA		NA
	Tota 1+2		f Catego +5+6+7+8		=(Group	100	
	Cate	gory-	G: Reactive	Dyes		7.11	
		Grou	up-1: Red R	Reactive	e Dyes		
208	1	1	Reactive R	ed 45	12226-22- 1		Rat Oral LD50 (mg/kg) >5000
209	2	2	Reactive R	ed 65	12226-32- 3		NA
210	3	3	Reactive 111	Red	88232-20- 6		NA
211	4	4	Reactive 152	Red	71870-80- 5		NA
212	5	5	Reactive 194	Red	23354-52- 1		NA
		Grou	up-2: Yellov	w Reac	tive Dyes		
213	6	1	Reactive 18		12226-48- 1		Rat Oral LD50 (mg/kg) >5000
214	7	2	57	Yellow	61969-35- 3	100	NA
215	8	3	Reactive 81	Yellow	59112-78- 6		Rat Oral LD50 (mg/kg) >5000
216	9	4	Reactive 135	Yellow	77907-38- 1		NA
217	10	5	Reactive 160	Yellow	129898- 77-7		NA
		Grou		range	Reactive		
218	11	1	Reactive C	Orange	35642-64- 9		NA
219	12	2	Reactive C	Orange	12225-85- 3		Rat Oral LD50 [mg/kg] : > 5000
220	13	3	Reactive C 84	Orange	91261-29- 9		NA
221	14	4	Reactive C	Orange	12220-12-		NA

						31/7
			122	1		
		Gro	up-4: Blue Reacti			Bot Oral IDEO (mar/lin)
222	15	1	Reactive Blue 49	12236-92- 9		Rat Oral LD50 (mg/kg) >5000
223	16	2	Reactive Blue 50	12225-61- 5		Rat Oral LD50 (mg/kg) >5000
224	17	3	Reactive Blue 69	59800-32- 7		NA
225	18	4	Reactive Blue 198	124448- 55-1		Rat Oral LD50 (mg/kg) >5000
		Gro	up-5: Black React	tive Dyes	1	
226	19	1	Reactive Black 5	12225-25- 1		LD50 > 2,000 mg/kg (rat)
	Tota		f Category G	=(Group	100	
	1281 0		+5) = 19		100	
	Cate		-H: Vat Dyes		Î	
-		_	up-1: Red Vat Dye			
227	1	1	Vat Red 1	2379-74-0		NA
			up-2: Yellow Vat I			
228	2	1	Vat Yellow 2	129-09-9	-	NA
229	3	2	Vat Yellow 4	128-66-5	100	NA
230	4	3	Golden Yellow GK	1324-11-4		NA
7025002900			up-3: Orange Vat			
231	5	1	Vat Orange 1	1324-11-4		NA
232	6	2	Vat Orange 5	3263-31-8		NA
222	-		up-4: Blue Vat Dy		-	:
233	7	1	Vat Blue 5	2475-31-2	-	ipr-rat LD50:5700 mg/kg
234	8	Gro	up-5: Brown Vat Vat Brown 5	398-75-1	-	NA
234	Tota		of Category H			INA
	1		1+5) = 8	-(Group	100	
	-	+ 4+4				
235	Cate	gory	-I: Naphtho	92-77-3		NA
235	Cate	gory 1		92-77-3		NA
236	Cate	gory 1 2	NAPHTHOL - AS NAPHTHOL - AS NAPHTHOL - ASBO	132-68-3	×	ipr-rat LD50:7320 mg/kg
	Cate	gory 1	NAPHTHOL - AS NAPHTHOL - ASBO NAPHTHOL - ASD		×	
236	Cate	gory 1 2	-I: Naphtho NAPHTHOL - AS NAPHTHOL - ASBO NAPHTHOL - ASD NAPHTHOL - ASD NAPHTHOL - ASOL	132-68-3	×	ipr-rat LD50:7320 mg/kg
236 237	2 3	gory 1 2 3	NAPHTHOL - AS NAPHTHOL - ASBO NAPHTHOL - ASBO NAPHTHOL - ASD NAPHTHOL -	132-68-3 135-61-5	100	ipr-rat LD50:7320 mg/kg
236237238	2 3 4	2 3 4	NAPHTHOL - AS NAPHTHOL - ASBO NAPHTHOL - ASD NAPHTHOL - ASD NAPHTHOL - ASOL NAPHTHOL - ASOL	132-68-3 135-61-5 135-62-6	100	ipr-rat LD50:7320 mg/kg NA NA
236237238239	2 3 4 5	2 3 4 5	NAPHTHOL - AS NAPHTHOL - ASBO NAPHTHOL - ASD NAPHTHOL - ASD NAPHTHOL - ASOL NAPHTHOL - ASOL NAPHTHOL - ASBS NAPHTHOL -	132-68-3 135-61-5 135-62-6 132-65-9	100	ipr-rat LD50:7320 mg/kg NA NA NA
236237238239240	2 3 4 5	3 4 5 6	NAPHTHOL - AS NAPHTHOL - ASBO NAPHTHOL - ASD NAPHTHOL - ASOL NAPHTHOL - ASOL NAPHTHOL - ASBS NAPHTHOL - ASBS NAPHTHOL - ASE NAPHTHOL - ASE	132-68-3 135-61-5 135-62-6 132-65-9 92-78-4	100	ipr-rat LD50:7320 mg/kg NA NA NA NA
236 237 238 239 240 241	2 3 4 5 6 7 8	3 4 5 6 7	NAPHTHOL - AS NAPHTHOL - ASBO NAPHTHOL - ASD NAPHTHOL - ASOL NAPHTHOL - ASOL NAPHTHOL - ASBS NAPHTHOL - ASE NAPHTHOL - ASE NAPHTHOL - ASCL (ASCA) NAPHTHOL -	132-68-3 135-61-5 135-62-6 132-65-9 92-78-4 132-65-9	100	ipr-rat LD50:7320 mg/kg NA NA NA NA NA
236237238239240241	Cate 1 2 3 4 5 6 7 8 Tota	3 4 5 6 7 8 al Of (NAPHTHOL - AS NAPHTHOL - ASBO NAPHTHOL - ASD NAPHTHOL - ASD NAPHTHOL - ASOL NAPHTHOL - ASBS NAPHTHOL - ASE NAPHTHOL - ASE NAPHTHOL - ASCL (ASCA) NAPHTHOL - ASCL (ASCA) NAPHTHOL - ASKB	132-68-3 135-61-5 135-62-6 132-65-9 92-78-4 132-65-9	50000	ipr-rat LD50:7320 mg/kg NA NA NA NA NA NA
236237238239240241	Cate 1 2 3 4 5 6 7 8 Tota	3 4 5 6 7 8 al Of (NAPHTHOL - AS NAPHTHOL - ASBO NAPHTHOL - ASD NAPHTHOL - ASOL NAPHTHOL - ASOL NAPHTHOL - ASBS NAPHTHOL - ASE NAPHTHOL - ASE NAPHTHOL - ASCL (ASCA) NAPHTHOL - ASCL (ASCA) NAPHTHOL - ASKB Category I = 8	132-68-3 135-61-5 135-62-6 132-65-9 92-78-4 132-65-9	50000	ipr-rat LD50:7320 mg/kg NA NA NA NA NA

	T			5		
245	2		D. J. D.			Oral, rat: LD50 = 997
245	3	3	Red B	97-52-9		mg/kg
246	4	4	Red RC	93-34-5		NA
247	5	5	Red TR	97-35-8	_	NA
248	6	6	Scarlet RC	27165-17- 9		LD50 Oral - Rat - 400 mg/kg
249	7	7	Yellow GC	17333-83		NA
250	8	8	Blue B	119-90-4		NA
251	9	9	Garnet GBC	97-56-3		NA
252	10	10	Black K	64071-88- 9		NA
253	11	11	Red KB	2780-35-4	1	NA
254	12	12	Blue BB	5486-84-0		NA
255	13	13	Red 3GL	89-63-4		LD50 Oral - Rat - 400 mg/kg(4-Chloro-2- nitroaniline)
256	14	14	Orange RD	29362-18- 3		NA
257	15	15	Corinth V	47300-91- 4		NA
258	16	16	Fast Red G Base	89-62-3		NA
259	17	17	Fast Scarlet R Base	99-59-2		Oral, rat: LD50 = 2250 mg/kg;
	Tota	I Of C	Category J = 17		100	<i>J. J.</i>
			K: Pyrazolone			
260	1	1	2,5-Dichloro SPMP	84-57-1		NA
261	2	2	Ortho Chloro SPMP	88-76-6	1.00	NA
262	3	3	1,3-SPMP	119-17-5	100	NA
263	4	4	1,4-SPMP	89-36-1		NA
264	5	5	PMP	89-25-8		Oral, rat: LD50 = 1915 mg/kg;
	Tota	I Of C	ategory K = 5		100	J. J.
	Cate	gory-	L: Fast Basis			
65	1	1	3,3-Dichloro Benzidine Dihydrochloride [3,3-DCB]	612-83-9	500	Oral LD50 5628 mg/kg (rat)
266	2	2	Tobias Acid	81-16-3	150	Oral LD50 19400 mg/kg (rat)
267	3	3	4B- Acid	88-44-8	50	LD50 = 11700 mg/kg (Rat)
268	4	4	2B-Acid	88-51-7	50	Oral LD50 1230 mg/kg (rat)
269	5	5	Quinizarine	81-64-1	25	ORAL LD50 Rat > 5000 mg/kg
270	6	6	Chloranil	118-52-2	25	NA
271	7	7	DMSS	6289-46-9	25	LD50 > 15000 mg/kg (Rat)
272	8	8	1-Chloro-1,8- Naphthalic	01/08/405 3	25	Oral LD50 3460 mg/kg (rat)

	1		Anhydride			
273	9	9	1, 8-Diamino Naphthalene	479-27-6	25	Acute oral toxicity (LD50): 800 mg/kg [Rat].
274	10	10	1,5-Dichloro Anthraquinone	82-46-2	25	NA
	Total Of Category L				900	
	Grand Total				2900	

- 4. Total land area is estimated to be 20,538 sqm. Green belt will be developed in 6,356 sqm out of total project area. The estimated project cost of proposed unit is Rs.20 crore. Total capital cost earmarked towards environmental pollution control measures is Rs. 2.5 Crores and the recurring cost (operation and maintenance) will be about Rs. 3.5 Crores per annum. Total Employment will be 100 persons as direct & indirect for project.
- **5.** There are no National parks, Wildlife sanctuaries, Biosphere reserves, Tiger/Elephant reserves, Wildlife corridors, rivers etc. within 10 km from the project site.
- **6.** The project/activity is covered under category A of item 5(f) 'Synthetic organic chemicals industry' of schedule to the Environment Impact Assessment (EIA) Notification, 2006, and requires appraisal at Central level in the Ministry.
- **7.** The standard ToR for the project was granted on 26th February, 2019. Public hearing for the project was conducted by the State Pollution Control Board on 21stAugust, 2019. The public hearing was presided over by Additional District Magistrate.
- **8.** Total water requirement is 1001 m3/day of which fresh water requirement of 313 m3/day and will be met from Ground Water. Total wastewater generation will be 720 KL/day (Industrial: 705 KL/day + Domestic: 15 KL/day). 310 KLD of dilute stream of effluent will be sent to RO and RO permeate @ 210 KLD will be reused in process. 490 KLD of Concentrated stream of effluent (Process: 390 KLD + RO Reject: 100 KLD) will be treated in ETP and sent to own MEE, 473 KLD MEE condensate will recycled. 5 KLD of wastewater from cooling will be reuse within premises. Domestic wastewater will be disposed through Septic Tank/Soak Pit.

Power requirement for proposed project will be 2000 KWA and will be met from MGVCL. 2 Nos. DG set of 250 KVA capacity shall be used as standby during power failure. Stack (height 11 m) will be provided as per CPCB norms to the proposed DG sets of 250 KVA which will be used as standby during power failure.

Unit shall have one Briquette/Coal fired boiler of 5 TPH and four PNG fired boilers of capcity 2 LakhKcal/Hr, 1 Nos. of 2 LakhKcal/Hr Briquette Thermopack Boiler will be installed. Multi cyclone separator, Dust Collector & Bag filter + Water Scrubber with a stack of height of 32 m will be installed for controlling the Particulate emissions (within statutory limit of 150 mg/Nm3) respectively.

Ten Categories of Hazardous/Solid Wastes shall be generated from this Unit. ETP Dry Sludge @ 480 MT/Annum will be Collected, Stored, Transported and Disposal at nearest TSDF site. Spent Oil @ 1.8KL/Annum will be Collected, Stored, Transported & sale out to registered refineries. Discarded Bags/ containers/ Drums @ 3,60,000Nos./Annum will be Collected, Stored, Decontaminated & Used for in-house packing of some intermediates & ETP wastes, & return back to Raw Material suppliers for same products. MEE Salt @ 3600 MT/Annum will be Collected, Stored, Transported and Disposal at nearest TSDF site. Spent Acid @ 7500 MT/Annum, Spent HCl @ 22800 MT/Annum, Ammonium Carbonate Solution @ 8760 MT/Annum, Sodium Hypo chloride Solution @ 9360 MT/Annum Collected, Stored,

Transported & Reuse in own premises in manufacturing process / Sale to actual user having Rule 9 Permission, Fly Ash from Boiler @ 3600 MT/Annum Collected, Stored, Transported & sent to brick manufacture & Spent Solvent @ 480 MT/Annum Collected, Stored, Transported & Sale to actual user having Rule 9 Permission.

- **9.** The proposal for environmental clearance was considered by the EAC (Industry-2) in its meetings held on 20-22 November, 2019 and 13-15 April, 2020. The project proponent and their consultant M/s Aqua-Air Environmental Engineers Pvt. Ltd. (Hon'ble High Court of Gujarat stay order), made a detailed presentation through Video Conferencing (VC) and have presented the EIA/EMP report. The Committee found the EIA/EMP report to be satisfactory, complying with the ToR, and recommended the project for grant of environmental clearance.
- 10. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with EIA/EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.
- 11. The Committee noted that the EIA/EMP report is in compliance of the ToR issued for the project, reflecting the present environmental concerns and the projected scenario for all the environmental components. The Committee has found the baseline data and incremental GLC due to the proposed project within NAAQ standards. The Committee has also deliberated on the public hearing issues, action plan and CER plan and found to be addressing the issues in the study area and the issues raised during the public hearing. Additional information submitted by the project proponent to be satisfactory and addressing the concerns of the Committee. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have recommended for grant of Environmental Clearance (EC).
- 12. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project for setting up of pigments, dyes and synthetic organic chemicals manufacturing unit of capacity 2900 TPM by M/s Cosmic Pigments & Intermediates (Unit-II) at Survey No. 238, Village Lunej, Taluka Khambhat, District Anand (Gujarat), under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under:-

A. Specific Condition

(i) Necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, shall be obtained from the State Pollution Control Board.

EC for M/s Cosmic Pigments & Intermediates (Unit-II)

- (ii) As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises. All the waste water to be collected and to be reused after treatment.
- (iii) Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.
- (iv) National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R.608(E) dated 21st July, 2010 and amended from time to time shall be followed.
- (v) Volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.997% with effective chillers/modern technology.
- (vi) No raw material/solvent prohibited by the concerned regulatory authorities from time to time, shall be used.
- (vii) To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- (viii) Solvent management shall be carried out as follows:
 - (a) Reactor shall be connected to chilled brine condenser system.
 - (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages.
 - (c) Solvents shall be stored in a separate space specified with all safety measures.
 - (d) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.
 - (e) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
 - (f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.
 - (ix) Total fresh water requirement shall not exceed 313 cum/day, proposed to be met from ground water. Prior permission in this regard shall be obtained from the concerned regulatory authority/CGWA.
 - (x) Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system. All the vent pipes should be above the roof level.
 - (xi) Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer through pumps. Raw material and products should be stored in leak proof containers. Spent acid to be stored over the ground tank and to be sent to TSDF.
- (xii) Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
- (xiii) The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time

EC for M/s Cosmic Pigments & Intermediates (Unit-II)

- to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
- (xiv) Fly ash should be stored separately as per CPCB guidelines so that it may not adversely affect the air quality. Direct exposure of workers to fly ash and dust should be avoided.
- (xv) The company shall undertake waste minimization measures as below:-
 - (a) Metering and control of quantities of active ingredients to minimize waste.
 - (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - (c) Use of automated filling to minimize spillage.
 - (d) Use of Close Feed system into batch reactors.
 - (e) Venting equipment through vapour recovery system.
 - (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- (xvi) The green belt of at least 5-10 m width shall be developed in in not less than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
- (xvii) As proposed 5% of the total project cost shall be allocated towards Corporate Environment Responsibility (CER). As proposed, and the CER allocation shall be spent mainly for addressing the issues (social, health, employment, infrastructure, Drinking water facility, skill development, plantation etc) raised during public consultation/hearing.
- (xviii) Preference shall be given to local villagers for employment in the unit. For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
 - (xix) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.
 - (xx) Occupational health surveillance including dental check up of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- (xxi) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For ZLD, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.

B. General Conditions:

(i) The Project Proponent shall obtain all other statutory/necessary permissions/recommendations/NOCs prior to start of construction/operation of the project, which inter alia include, permission/approvals under the Forest (Conservation) Act, 1980; the Wildlife (Protection) Act, 1972; the Coastal Regulation Zone Notification, 2019, as amended from time to time, and other Office

*C for M/s Cosmic Pigments & Intermediates (Unit-II)

- Memoranda/Circular issued by the Ministry of Environment, Forest and Climate Change from time to time, as applicable to the project.
- (ii) The project proponent shall ensure compliance of 'National Emission Standards', as applicable to the project, issued by the Ministry from time to time. The project proponent shall also abide by the rules/regulations issued by the CPCB/SPCB for control/abatement of pollution.
- (iii) The project authorities shall adhere to the stipulations made by the State Pollution Control Board/Committee, Central Pollution Control Board, State Government and any other statutory authority.
- (iv) The project proponent shall prepare a site specific conservation plan and wildlife management plan in case of the presence of Schedule-1 species in the study area, as applicable to the project, and submit to Chief Wildlife Warden for approval. The recommendations shall be implemented in consultation with the State Forest/Wildlife Department in a time bound manner.
- (v) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (vi) The energy source for lighting purpose shall be preferably LED based, or advance having preference in energy conservation and environment betterment.
- (vii) The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- (viii) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.
- (ix) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- (x) The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and to utilize the same for process requirements.
- (xi) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- (xii) The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
- (xiii) The company shall undertake all relevant measures for improving the socioeconomic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented.
- (xiv) The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- (xv) A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area)

VEC for M/s Cosmic Pigments & Intermediates (Unit-II)

equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

(xvi) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.

(xvii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while

processing the proposal.

(xviii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

(xix) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the

respective Regional Offices of MoEF&CC by e-mail.

(xx) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

(xxi) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned

authorities and the date of start of the project.

(xxii) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

- **13.** The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.
- 14. Concealing factual data submission of false/fabricated data and or failure to with any of the conditions mentioned above may withdrawal of this clearance and attract action under the result in provisions of Environment (Protection) Act, 1986.
- **15.** Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

QEC for M/s Cosmic Pigments & Intermediates (Unit-II)

- **16.** The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.
- **17.** This issues with the approval of the competent authority.

(Dr. R. B. Lal) Scientist `E'/Additional Director

(Dr. R. B. LAL)
वैज्ञानिक 'ई'/Scientist 'E'
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Min.of Environment, Forest and Climate Change
भारत सरकार, नई दिल्ली
Govt. of India, New Delhi

Copy to: -

- 1. The Principal Secretary, Forests & Environment Department, Government of Gujarat, Sachivalaya, 8th Floor, **Gandhi Nagar** 382 010 (Gujarat)
- The Dy. Director General of Forest (Western Zone), MoEF&CC, Regional Office, E-5, Arera Colony, Link Road -3, Ravishankar Nagar, Bhopal - 462 016 (MP)
- 3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, **Delhi** -32
- The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhawan, Sector 10 A, Gandhi Nagar-382 043 (Gujarat)
- 5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, **New Delhi** 3
- Member Secretary, Central Ground Water Authority, 18/11, Jamnagar House, Man Singh Road, New Delhi-110011
- 7. District Collector, Anand, (Gujarat)
- 8. Guard File/Record File/Monitoring File/Website of MoEF&CC

(Dr. R. B. Lal)

Scientist 'E'/Additional Director