

We Believe in Quality

**Registered Office :**

Neptune Petrochemicals Private Limited  
B-606, Mondeal Heights, Nr. Wide Angle Cinema, S.G.Highway, Ahmedabad – 380015.  
Gujarat – India  
Email: info.nplindia@gmail.com  
Website: www.neptunepetrochemicals.com  
L: +91-79-49000599/600  
Mo.: +91-9825336999/ +91-7878610205

Unit -1 (Bitumen, Emulsion & Modified Bitumen)  
Neptune Petrochemicals Private Limited  
Plot No. 22/A, Ozone Industrial Park, Nr. Kerala GIDC, Village : Bhaila,  
Tal: Bavla, Dist: Ahmedabad – 382220. Gujarat – India

Unit – 2 (Fuel oil)  
Neptune Petrochemicals Private Limited  
Plot No. 22, Narayan Industrial Estate, Village : Vasna(Iyava)  
Tal: Sanand, Dist: Ahmedabad – 282170. Gujarat – India.

Unit – 3 (Bitumen, Emulsion & Modified Bitumen)  
Neptune Petrochemicals Private Limited  
KHASRA NO 67/9/2,12/2, RAKBA-8, KANAL 12, MARLE, PLOT NO 67, VILLAGE TEHSIL  
RAZAPUR, RAZAPUR KACHRAULI ROAD, NR. REFINERY ROAD, PANIPAT, Haryana,  
132103

Unit – 4 (Bitumen, Emulsion & Modified Bitumen)  
Neptune Petrochemicals Private Limited  
Dag No. 369 and 370 Patta No. 7 and 131, Revenue Village NIZ- Sundri Ghopa, Under  
Mouza - Sila Sundri Ghopa, Changsari, Kamrup, Assam, 781101

Unit – 5 (Bitumen, Emulsion & Modified Bitumen)  
Neptune Petrochemicals Private Limited  
01, Marlas, Summer Bug, Bund, Near Colony Road Lasjan, Lasjan, Khonmoh, Srinagar,  
Jammu and Kashmir, 191101



CM/L – 7200128504



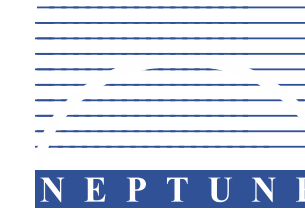
ISO 9001  
International Standards  
Certification  
ISO 9001:2015



ISO 14001  
International Standards  
Certification  
ISO 14001:2015



OHSAS 18001  
International Standards  
Certification  
OHSAS 18001:2007



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Bitumen | Emulsion | Modified Bitumen | Fuel Oil | Sulphur | Urea



## About Neptune Petrochemicals Private Limited

Neptune Petrochemicals Private Limited (Formerly known as Neptune Tradelink).

Neptune commenced its operations as a trader in the year 2004, since then the company has periodically changed with backward integration. Neptune Petrochemicals Private Limited came into Manufacturing Process & Imports to match current nation needs of Petrochemicals Products

Under the guidance of Mr. Paresh Shah, Neptune Petrochemicals Private Limited has made significant investments in expanding its infrastructural forte that allows smooth functioning of its manufacturing process. The company has also delinquently recruited a highly knowledgeable, skilled, experienced & growth.

Neptune Petrochemicals Private Limited believes that "Quality is never an accident, it is always a result of an intelligent effort." Being one of the pioneers in the bitumen industry, Neptune's Setup & expanded different horizons of Producing, Manufacturing & Supplying Bitumen, Emulsion, Modified Bitumen Like PMB -Polymer Modified Bitumen, CIMB Crumb Rubber Based Modified Bitumen & other value added Bituminous Products.

With highly equipped manufacturing plants across India, Neptune has succeeded in establishing plant of Emulsions, PMB CRMB & other value added Bituminous Products in Bavla in Gujarat, Panipat in Haryana, Lasjan in Jammu and Kashmir & Guwahati in Assam. With focus on quality our manufacturing unit makes, produces & supplies products with quality made & finish. Our Bitumen Emulsion Plant has fully automatic batch machine with self functional It produces quality material from all grades of Bitumen Emulsion, PMB CRMB & Bituminous Products using for making road, water proofing & several other constructions.

With the state of the art Laboratory and R&D Department, highly technical, knowledgeable, skilled expertise, Neptune Ensures in quality standards. We consider producing & manufacturing high quality products in one Plant with highly equipped machineries we are able to produce high quantity of production with quality measures. Our research department's finding takes our products to new heights of success.

With ISO 9001 : 2015 in built Quality Management system, ISO 14001 : 2015 with the care of Environmental Management System & With OHSAS 18001 : 2007 with the care of Occupational Health & Safety Management System, Neptune adheres to all global standards and incorporates all the necessary create produce, supply product with quality make and finish and by maintaining innovated products, excellent operations. We adhere to all global standards & incorporate all the necessary quality protocols.

### Vision

It is Neptune Petrochemicals Private Limited's vision to be a premier name in its business segment by fully understanding the diverse market requirements and providing clients with the right products to achieve consistent success.

### Mission

- To fully understand and gratify client requirements.
- To always supply the right products & services.
- To build long-term relationships with clients.
- To maintain dominance in its market segment by constantly innovating products and services as well as by ensuring excellence in all operations.
- To adhere to all global standards and incorporate all the necessary quality protocols.

## Achievements

Highest Bitumen importer in Drums in India for the F.Y.2017-18, Awarded by AMEA Bitumen.  
Highest Bitumen Importer in Drums in India for the F.Y. 2018-19, Awarded by Bitumen India Forum.  
Highest Bitumen Importer in Drums in India for the F.Y. 2019-20, Awarded by AMEA Bitumen.  
Exemplary Performance and Outstanding Achievements in the Bitumen Industry for the F.Y. 2022-23 Awarded by PETROSIL.

### Quality Talks :

Neptune Bitumen Emulsion Plant, Capacity – 12 – 15 MT/Hour  
Neptune Bitumen PMB/CRMB Plant, Capacity – 8 – 10 MT/ Hour

### In House NABL Approved QC Laboratory :

Highly Equipped State of the art Laboratory Unit, Which can take Quality Control over Production & Capable for Examine, Testing, Analyzing & Ensuring the Quality of Bitumen, Bituminous Products & Modified Bitumen Like PMB & CRMB.

### Experienced Manpower :

Our Plants are Managed by Young, Enthusiastic, Skilled & Experienced Professionals, under the supervision of whom we ensure & promise our clients with quality delivery of Products.

### Quality Measure :

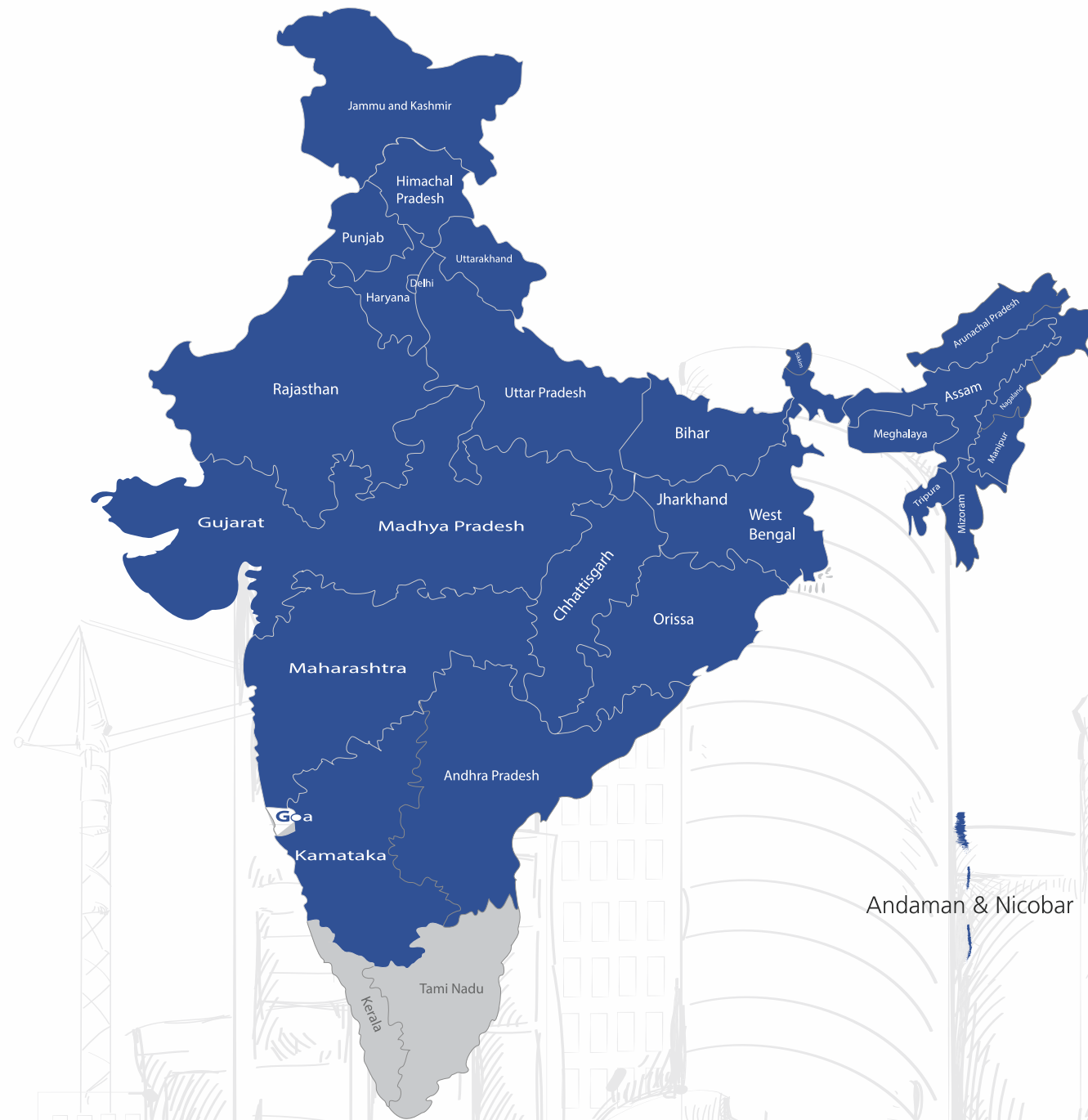
Our Production process considers sample check in specified Quantity & parameters specified & as per direction of IS Standards. in our NABL certified QC Laboratory.

### Packing & Dispatch :

With In House Logistics Facilities, We are successfully engaged in packaging & dispatch of Bitumen, Bitumen Emulsion, PMB & CRMB Across India, Nepal Bangladesh & Bhutan. We have our Own Tanker facility , Which is having GPRS Monitoring to track every consignment in transit.  
We also supply Our Products in Tankers, Flexi Bags, Packaged PVC Drums & MS Drums on order.

We Supply our products from Bavla, Kandla, Mundra, Vizag, Panipat, Guwahati, Pipavav, Hazira, Maliya, Nhava Sheva, Hubli, Karwar, Kosi, Lasjan, Kurnool, Khamgaon & Mangalore

## Market Presence



- Gujarat, Rajasthan, Madhya Pradesh, Maharashtra, Haryana, Punjab, Himachal Pradesh, Uttar Pradesh, Uttarakhand, Orissa, Jammu & Kashmir, Bihar, West Bengal, Karnataka, Assam, Manipur, Meghalaya, Tripura
- UT : Chandigarh, Delhi, Diu & Daman, Silvassa, Andaman & Nicobar

**World Wide Market Presence : Nepal, Bangladesh & Bhutan**

## DIRECTOR'S MESSAGE



Progress for me has never been a dream. It has always been a distant reality and once when one milestone is achieved, there is always another one waiting to be crossed. It is with this belief that I started Neptune in 2004, a company that was in the business of trading. Almost instantly, Neptune became a prominent name in its business segment, but like every entrepreneur sticks to their dream; I always wanted to push my company to more prosperous milestones.

More than being a global player, I always perceived my company as a unit that could make a difference with its quality and competitively priced products. Taking a path less traveled, I expanded Neptune into Bitumen, Emulsions, Modified Bitumen & Other Valuable Bituminous Product production, a highly sensitive business that requires a high amount of technical know-how, expertise and specialized knowledge.

Overcoming new challenges with the support of my brilliant team, I have been successful in bringing Neptune to a new milestone of Road Construction Industry.

The journey of Neptune is never ending, But with the support of my team and clients, I am confident that the company will continue to scale milestones of excellence for years to come.

Paresh Shah  
Neptune Petrochemicals Private Limited

### Neptune Bitumen Emulsion

Sl. NO.	Characteristic	Neptune Grade of Emulsion Specification (IS 8887)							IS No.
		Neptune RS-1	Neptune RS-2	Neptune MS	Neptune SS-1	Neptune SS-2/ SLURRY SEAL	Micro Surfacing	CSS-1h (ASTM D 2397/02)	
i	Residue on 600 micron IS Sieve, percent by mass, Max	0.05	0.05	0.05	0.05	0.05	0.05	0.1	8887
ii	Viscosity by saybolt furol viscometer, seconds:								8887
	1) At 25°C				20-100	30-150	20-100		
	2) At 25°C SFS							20-100	
	3) At 50°C	20-100	100-300	50-300	-	-	-	-	-
iii	Coagulation of emulsion at low temperature	Nil	Nil	Nil	Nil	Nil	Nil	Nil	8887
iv	Storage stability after 24 h, percent, Max	2	1	1	2	2	2	1	8887
v	Particle charge	Positive	Positive	Positive	Weak positive	Positive	Positive	Positive	8887
vi	Coating ability and water resistance:								8887
	1) Coating, dry aggregate	-	-	Good	-	-	-	-	8887
	2) Coating, after spraying	-	-	Fair	-	-	-	-	8887
	3) Coating, wet aggregate	-	-	Fair	-	-	-	-	8887
	4) Coating, after spraying	-	-	Fair	-	-	-	-	8887
vii	Stability to mixing with cement (percentage conglution), Max	-	-	-	2	2	-	2	8887
viii	Miscibility with water	No	No	No	-	No	-	-	8887
		Coagulation	Coagulation	Coagulation		Coagulation			8887
ix	Test on residue:								-
	1) Residue by evaporation, percent, Min	60	67	65	50	60	60	57	
	2) Penetration 25°C/ 1005/5 sec	80-150	80-150	60-150	60-350	60-120	40-100	40-90	1203
	3) Ductility 27°C /cm, Min	50	50	50	50	50	50	40	1208
	4) Softening Point, in° C, Min	-	-	-	-	-	57	-	1216
	5) Elastic Recovery, % Min.	-	-	-	-	-	50	-	
	6) Solubility: In Trichloroethylene % by mass, Min	98	98	98	98	98	97	97.5	-
x	Distillation in percent, by volume at:								
	1)190°C	-	-	-	20-55	-	-	-	-
	2)225°C	-	-	-	30-75	-	-	-	-
	3)260°C	-	-	-	40-90	-	-	-	-
	4)315°C	-	-	-	60-100	-	-	-	-
xi	Water content, percent by mass, Mix	-	-	-	20	-	-	-	-

### Neptune Modified Bitumen

#### Neptune Polymer Modified Bitumen (Neptune PMB)

##### Application of PMB:

- 1) Building up Strong Road Construction & Development for movement of Heavy Vehical, Movement of High Volume Traffic.
- 2) For Higher Altitude in Temperature Levels.
- 3) For Binding Layer in Sealing Cracks of Stressed Pavements.
- 4) For Making High Load Runway of Air Field.

Neptune Polymer Modified Bitumen Specification (IS 15462)								CODE
Sl. NO.	Characteristic	Plastameric Thermoplastic Based -Type A			Elastomeric Thermoplastic Based - Type B			
		Neptune PMB-120	Neptune PMB-70	Neptune PMB-40	Neptune PMB-120	Neptune PMB-70	Neptune PMB-40	
1	Penetration at 25°C, 0.1 mm, 100g, 5s.	90-150	50-90	30-50	90-150	50-90	30-50	15462
2	Softening Point, (R&B), °C, Min	50	55	60	50	55	60	15462
3	Fraass breaking point, °C, Min	-20	-16	-12	-20	-16	-12	15462
4	Flash point, COC, °C Min,	220	220	220	220	220	220	15462
5	Elastic recovery of half thread in ductilometer at 15°C, Max.	50	40	30	70	70	70	15462
6	Separation, difference in softning point, R&B, °C, Max	3	3	3	3	3	3	15462
7	Viscosity at 150°C, Poise	1 - 3	2 - 6	3 - 9	1 - 3	2 - 6	3 - 9	15462
8	Thin film oven tests and on residue:	-	-	-	-	-	-	
	(a) Loss in mass, % Max.	1.00	1.00	1.00	1.00	1.00	1.00	15462
	(b) Increasing in softning point, °C Max.	7	6	5	7	6	5	15462
	(c) Reduction in penetration of residue at 25°C Max.	35	35	35	35	35	35	15462
	(d)Elastic recovery of half thred in ductilometer at 25°C, % Min.	35	35	35	50	50	50	15462

## Neptune Modified Bitumen

### Neptune Crumb Rubber Modified Bitumen (Neptune CRMB)

#### Application of CRMB :

- 1) Stability & Resistance from extreme weather Conditions.
- 2) Dressing up Strong Road Construction & Development for movement of Heavy Vehical Movement & High Volume of Traffic.
- 3) Procuring From Low & High Temperature Cracking of roads.
- 4) For Making High Load Highways, Junctions, Sea Port, Runway of AirField, Heavy Traffic Movement Roads,etc.

Neptune Crumb Rubber Based Modified Bitumen Specification (IS 15462)					
Sl. NO.	Characteristic	Neptune CRMB-50	Neptune CRMB-55	Neptune CRMB-60	CODE
1	Penetration at 25°C, 0.1 mm, 100g, 5s.	<70	<60	<50	15462
2	Softening Point, (R&B), °C, Min	50	55	60	15462
3	Flash point, COC, °C Min,	220	220	220	15462
4	Elastic recovery of half thread in ductilometer at 15°C, Max.	50	50	50	15462
5	Separation, difference in softning point, R&B, °C, Max	4	4	4	15462
6	Viscosity at 150°C, Poise	1 - 3	2 - 6	3 - 9	15462
7	Thin film oven tests and on residue.	-	-	-	
	(a) Loss in mass, % Max.	1.00	1.00	1.00	15462
	(b) Increasing in softning point, °C Max.	7	6	5	15462
	(c) Reduction in penetration of residue at 25°C Max.	40	40	40	15462
	(d)Elastic recovery of half thred in ductilometer at 25°C, % Min.	35	35	35	15462

## Neptune Bitumen

#### Application of Bitumen :

- 1) Road Development, Construction & Maintenance.
- 2) For Making Bituminous Membrane Products.
- 3) It has Excellent Water Proofing Properties & is widely used for making roofing Products for household & industrial application From Emulsion, Paints to Sound Proofing.

Sl. No.	Characteristics	Neptune Paving Grades Bitumen Specification (IS 73)					
		Neptune VG10	Neptune VG20	Neptune VG30	Neptune VG40	Neptune 80/100	Neptune 60/70
i	Absolute Viscosity, 60°C, poises, min	800-1200	1600-2400		3600-4800	800-1200	2000-3200
ii	Kinematic Viscosity, 135°C, CST , min	250	300	350	400	250	300
iii	Flash point, C, min	220	220	220	220	220	250
iv	Solubility in trichloroethylene, % min	99	99	99	99	99	99
v	Penetration at 25°C	80-100	60-80	50-70	40-60	80-100	60-70
vi	Softening point, C, min	40	45	47	50	40	47
vii	Tests on residue from thin film over test / RTFOT:						
	i) Viscosity ratio at 60°C, max	4	4	4	4	4	4
	ii) Ductility at 25°C, cm, min, after thin film over test	75	50	40	25	75	40

## Neptune Bitumen Emulsion

#### Application of Bitumen Emulsion:

- 1) Dressing up Road Surfaces.
- 2) Road Development, Construction & Maintenance.
- 3) For Application use of Prime & Tack Coating.
- 4) For Application use of Crack Seal, Fog Seal, Seal Coating, etc.
- 5) Mixed Aggregate for Road Construction.
- 6) For making roofing Products for household & industrial application From Emulsion to Paints to Sound Proofing.

## Our Strengths & Values :

### Strengths :

- An ISI Certified Company.
- An ISO 9001: 2015 Quality Management system certified company.
- An ISO 14001: 2015 In built Environmental Management System certified company.
- An OHSAS 18001: 2007 in Built Occupational Health & Safety Management System certified company.
- Fully Automatically Manufacturing Plant with World Class Technology.
- An In-House "Highly Equipped" Laboratory Unit, capable with Examine, Testing, Analyzing& Ensuring Quality with Focused on Continuous Innovation.
- Robust Quality Control with World Class Equipments, Machinerries, Instruments, Process & Workforce in Manufacturing Plants.
- Ability to Provide Customized Business Solutions for Products & services in Cost efficient way for all types of Project.
- Owned Operated Transportation facility with GPRS enabled Tracking system to track each & every Supply in Transit.
- Experienced, Knowledgeable & Expertise Manpower.
- Empowered our clients with innovation, focus, Customer service & safety oriented Products.
- Approved by all major Government Authorities, Private Agencies & Consultants.
- Strengths an In-House "Highly Equipped" NABL Approved Laboratory unit,

### Values :

- Neptune Believes in Quality & able to Generate Value with Trust, it undertakes strength & create Opportunities towards Success.
- Business Ethics.
- Good Work Culture.
- Building Relationship with Customers & Society.
- Always "On Time" & Expectations of all associates.

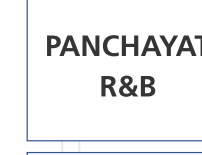
## OUR CLIENTS (Representative List Only)



NHAI – National Highway Authority of India



R&B – Roads & Building Dept. Govt. Of Gujarat



Panchayat - Roads & Building Dept. Govt. Of Gujarat



SSNNL – Sardar Sarovar Narmada Nigam Limited



Western Railway



PWD Rajasthan – Public Works Department, Rajasthan



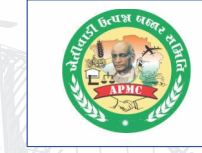
Municipal Corporation



Nagar Palika



GIDC – Gujarat Industrial Development Corporation



APMC – Agricultural Produce Market Committee



JAKFED – Jammu & Kashmir Co-operatives Supply & Marketing Federation Limited