



MARUTI POLYMERS

Plot No. : 423/1, Opp. Kartavya Farm, At. & Post. Ravdapura - 388360
Ta. & Dist. Anand. Phone : (02692) 239137 236644
Email : mmarutichemicals@yahoo.com, www.marutichemical.com

To,

Date : 20/05/2020

The Member Secretary,

(Industrial Committee-II)

Ministry of Environment, Forest & Climate Change,

Indira Paryavaran Bhawan, Jor Bagh Road,

New Delhi – 110003.

Reference: EDS generated on dated 19.04.2020

Subject: Essential Document sought by committee in reference to the application applied to obtain EC for Category 5(f) A Project i.e. Synthetic Organic Resin and Acrylic Base Emulsion Manufacturing Plant located Plot No.423/1, Opp. Kartavya Farm, and Village: Ravdapura, Taluka: Anand, District: Anand, State: Gujarat by M/s. MARUTI POLYMERS

Respected Sir,

In reference to the above mentioned subject matter and EC application applied vide proposal no **IA/GJ/IND2/149160/2018**, we are herewith submitting essential documents sought by Member Secretary to obtain EC for Proposed Synthetic Organic Resin and Acrylic Base Emulsion Manufacturing Plant located Plot No.423/1, Opp. Kartavya Farm, and Village: Ravdapura, Taluka: Anand, District: Anand, State: Gujarat by M/s. MARUTI POLYMERS.

We hope that the details are as per the requirement and we request your good selves to kindly consider our project proposal for further process in order to obtain Environment clearance for the said project.

Thanking you,

Yours Faithfully,

For: M/s. Maruti Polymers
For, Maruti Polymers

Partner
Authorized Signature

Signature of the applicant: M/s. Maruti Polymers

Enclosures: EDS Reply and its Annexures.



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EDS of M/s Maruti Polymers

Sr No	Essential Documents Sought	Reply
1	<p>Public hearing proceedings to be forwarded by the Member Secretary, SPCB along with complete public hearing/consultation documents.</p> <p>Also, issues raised during public hearing, response by the project proponent, action plan with budgetary allocation has not been submitted. Kindly upload the requisite documents. Form 2 (S.no. 7.1)</p>	<p>Issues raised during public hearing and response by the project proponent with time bound action plan has been enclosed as Annexure 1 and has also been updated revised EIA report in Chapter 7, Section 7.1.</p>
2	<p>Action Plan with budgetary provisions and time lines on the issues raised during PH has not uploaded in Form 2. Kindly upload the action plan in S.No. 7.1 of Form 2 along with other requisite details.</p>	<p>Time bound action plan with budgetary allocation for the issues raised during the public hearing has been uploaded in revised Form 2 in S.No. 7.1 and the same has been also updated in the revised EIA in Chapter 7, Section 7.1.</p>
3	<p>Proposed Green belt development programme along-with time line and budgetary allocation needs to be provided.</p>	<p>Total area allocated for the development of greenbelt in the plant premises is 404 sq.m Which is 33% of the total plant area 1225 sq.m.</p> <p>Total Budget allocated for the Green belt development is Rs. 0.45 lakh during construction phase while during operational phase capital cost and recurring cost for the green belt development is Rs.1 lakh and Rs. 0.5 lakh respectively.</p> <p>Total 62 plants will be planted.</p>



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		Greenbelt development plan is enclosed as Annexure 2 . Proposed Greenbelt development plan in detail is mentioned in EIA Report, chapter 10, section 10.6.
4	PP mentioned very less incremental value for PM10 & PM2.5 & SOX, PM2.5 in Form 2. Air Quality Impact Prediction mentioned (18.1 of form 2) is inadequate kindly correct it.	Revised GLC data has been incorporated in the Form 2.
5	All old CTOs not uploaded to verify the violation, if any done by PP.	Not Applicable as proposed plant is new.
6	Details of Raw material and its linkage and its mitigation measure during transportation needs to be submitted (13.1 of form 2)	M/s Maruti Polymers will procure the raw material from domestic market/local supplier by roads hence no requirement of any linkage or agreement. Finished Product will be transported using roadways.
7	PH was conducted in February 2019, however, PP has now submitted the EC application in March 2020. Please submit the reason why delay in submission of application.	It was on hold by the client due to some financial issues.
8	PP in form 2 (S.No. 23.1 & 23.2-Details of Ecological Sensitivity), mentioned for all ecological sensitivity, the distance is 100 Km. PP/Consultant has submitted wrong information.	ESAs, ESZs, Wildlife Corridors are not present within 10 km of project premises. Distance of the nearest national park, Wildlife Sanctuary is mentioned below: WLS- Jambughoda Wildlife Sanctuary 80 km National Park - Gir national park 277 km CPA - Ahmedabad at 40km



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		The same has been updated in form 2 (S.No. 23.1 & 23.2)
9	PP in form 2 (S.No. 27) has not adequately mentioned the details of R&R. Everything mentioned zero.	Not Applicable as there is no human settlement at the project site and the land acquisition was done previously from Industrial project (Laminated sheets production).
10	<p>It is mentioned that the processing of EC proposal, in the Ministry, is through Parivesh Portal only, therefore providing the requisite information/documents shall be in compliance as per Form 2 and accordingly the PP/Consultant are kindly requested to revise the application in the Form 2 along with EIA/EMP Report and resubmit the same.</p> <p>The EIA/EMP Report shall match with the information as filled in Form 2 for further appraisal necessary action. It is also mentioned that after acceptance the Proposal, EIA/EMP report/Form 2 cannot be revise. Therefore, PP/Consultant is requested to kindly do needful.</p>	EIA/EMP Report has been Revised and Form 2 has also been revised as per the updated EIA/EMP report.



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ANNEXURE 1

Public Hearing Proceedings

As per the provisions of Notification No. S.O. 1533 dated 14/09/2006 and its amendment S.O.3067 (E) dated 01/12/2009, Ministry of Environment, Forests & Climate Change, Government of India, New Delhi, Public Hearing was conducted for the proposal of M/s. Maruti Polymers, for Manufacturing of Synthetic Organic Resin and Acrylic Based Emulsion, at Plot No. 423/ 1, Opposite Kartavya Farm, Village: Ravdapura, Taluka: Anand & District: Anand which is covered under Category 'A' of above referred notification.

A copy of the draft Environment Impact Assessment Report and the Summary of Environment Impact Assessment Report was sent to the following authorities or offices to make available the draft EIA report for inspection to the public during normal office hours, till the Public Hearing is over.

1. The District Collector Office, Anand.
2. District Development Office, Anand.
3. Distinct Industry Centre, Anand.
4. Taluka Development Officer, Tal. Anand, Dist. Anand
5. Taluka Development Officer, Tal. Nadiad, Dist. Kheda.
6. The Additional Principal Chief Conservator of Forests, Ministry of Environment and Forest, GOI, Regional Office (Waste Zone) Kendriya Paryavaran Bhavan, E-, Area Colony, Link Road - 3, Ravishankar Colony, Bhopal 462 016.
7. Regional Office Gujarat Pollution Control Board, 2nd Floor Bardanwala Complex, Dr Cook Road, Anand-388 001.

Other concerned persons having plausible stake in environmental aspects were requested to send their responses in writing to the concerned regulatory authorities.

The Public Hearing was scheduled on 27.02.2019 at 11:00 hrs. at Plot No. 423/ 1, Opposite Kartavya Farm, Village: Ravdapura, Taluka: & District: Anand.

An advertisement in English was published to the "The Indian Express" dated 25/01/2019 and in Gujarati language in "Sandesh" dated 25/01/2019.

Shri P.C Thakor Additional District Magistrate, Anand, Supervised and presided over the entire public hearing proceedings.

Smt. Rekha N. Shaikh, regional Officer, GPCB and representative of member secretary, GPCB – panel member of public hearing panel; welcomed all present to the public hearing. She outlines the various provisions of the Notification and



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briefed the procedural details for conducting this public hearing including action taken by GPCB for wide publicity of this Public Hearing and the advertisement given earlier in the local dailies. She also informed the public that the panel had no jurisdiction to decide on status of EC but would only forward the minutes to the MoEF& CC.

The Regional Officer, GPCB then opened the Public hearing after due permission from the Additional District Magistrate. She invited the Project Proponent to give their introduction and to make the presentation of their project.

Miss. Urvi Kabir, the representative of the EIA consultant of the project proponent gave a power point presentation of the proposed project, the Environmental system, its impact on the environment along with proposed mitigation measures and socio-economic issues, in the Gujarati language.

The Regional Officer, GPCB further informed the forum that one written representation had been received prior to the Public Hearing from Shri Jitendra Babalbhai Patel, Ankleshwar. She added that the representation and the reply to the same would be included in the proceedings.

The Regional Officer, GPCB then opened the forum to the objections of the Public after due permission from the additional District Magistrate, Anand.

At the time of public hearing no issues were raised by the public related to the establishment of the project and they welcomed the same.



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Table 0.1- Action plan for Public Hearing

Sr. No	Name & Address	Points Represented	Reply	Action Plan with proposed Budget	Timeline
1	Shri Rajendrakumar Vallabhbhai Patel. Village: Kasor. Ta: Anand. Dist : Anand .	He stated that his village was about 5kms from the Industry and he further added that this Industry will Provide employment to the villagers once it come.	The local employees will be given preference for skilled & semiskilled jobs	During construction phase of the project, temporary employment to 10 unskilled and semi-skilled labors from nearby villages and during operational phase company will provide employment to 9 nos. people based on their skills and ability.	Company will start construction after obtaining CCE and after obtaining the necessary permission i.e CCA the operation of the plant would be started.
2	Shri Ashokbhai Ravjibhai Zala Village: Tranol Ta: Anand. Dist: Anand.	He said that factory would provide employment to the children/ People of the village.	No children will be employed however the locals will be employed & preferred	During construction phase of the project, temporary employment to 10 unskilled and semi-skilled labors from nearby villages and during operational phase company will provide employment to 9 nos. people based on their skills and ability.	Company will start construction after obtaining CCE and after obtaining the necessary permission i.e CCA the operation of the plant would be started.
3.	Shri Rupanshu Parmar Samvedna Charitable Trust Anand	He said that he operated an NGO at Ganesh Chowkdi which was Within 10 km of the	The management of Maruti Polymers will welcome the	As mentioned in CER budget, company will provide drinking and sanitation facilities in villages, also, will donate Rs. 4 lakh as education aid to nearby village	Company will donate the said amount in 5 years, also company will decide to



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Sr. No	Name & Address	Points Represented	Reply	Action Plan with proposed Budget	Timeline
		Industry, In the name of Samvedna Charitable Trust. He added that his NGO catered to the poor children and provided them with education. He further added that he was glad an industry was coming up in the village, which would provide employment to the people and will also led to the development of the village.	suggestion from the local NGO's, local villagers for implementation and selection of CER activities.	schools.	contribute more towards underprivileged by CER activity.
4.	Shri Sanjany M. Parmar, Vil: Ravdapura. Ta: Anand. Dist: Anand.	He said that he was Glade that the Industrialist was thinking of good of the villages. Hence he was in favor of the company, this was good for the village. He requested to surpanch to say something on this Subject.	-	-	-



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Sr. No	Name & Address	Points Represented	Reply	Action Plan with proposed Budget	Timeline
5.	Shri Dineshbhai Chandubhai Solanki, Ex Sarpanch Village: Ravdapura Ta: Anand Dist: Anand	He said that Company would provide employment 10-15 people of the village. He said that he was thankful for the same and gave them Best wishes.	The local employees will be given preference for skilled & semiskilled jobs	During construction phase of the project, temporary employment to 10 unskilled and semi-skilled labors from nearby villages and during operational phase company will provide employment to 9 nos. people based on their skills and ability.	Company will start construction after obtaining CCE and after obtaining the necessary permission i.e CCA the operation of the plant would be started.



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ANNEXURE 2

Greenbelt Development Plan

The main objective of the green belt is to provide a barrier between the plant and the surrounding areas. The green belt helps to halt soil erosion, make the eco-system more sustainable, make the climate more conducive and restore water balance. The green belt helps to capture the fugitive emissions and to attenuate the noise generated in the plant apart from improving the aesthetics of the plant site.

Unit will be develop the greenbelt area, which will be upgraded within industrial premises and around the periphery.

Greenbelt will be developed in 404.2 (33%) sq.m. area. Considering the environmental status of project area four main parameters like salinity, draught, fire resistance, species with faster growth rate and ever green nature have been considered while selecting the species.

Facts considered during selection of plant species for greenbelt development are:

- Agro climatic zone (dry sub humid – as per CPCB) of the project area
- Evergreen species to mitigate cumulative impacts due to other industries also.
- Type of pollutant (mainly air) likely to disperse from project activities.
- Biological-filter Efficiency: Absorption of gases and Dust capturing.

Criteria for selection of Species for Greenbelt

The plant species suitable for greenbelt development should be selected based on the following characteristics:

- It will have thick canopy cover
- They will be perennial and evergreen
- They will have high sink potential for pollutants
- They will be efficient in absorbing pollutants if any without significantly affecting their growth.

Guidelines for plantation

The plant species identified for greenbelt development should be planted using pitting technique. The pit size should be either 45cm x 45cm x 45 cm or 60cm x 60cm x 60 cm. bigger pit size is prepared on marginal and poor quality soil. Soil used for filling the pit should be mixed with well decomposed farm yard manure for 45 cm x 45cm x 45 cm x and 60cm x 60cm x 60cm size pits respectively. Healthy saplings of identified species should be planted in each pit.



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Details of the selected plant species for greenbelt area upgradation are given in the below Table 1.

Table:1 Details of Plant Species in Greenbelt

Common Name of Trees	Scientific Name	Number of Species
Limdo	<i>Azadirachta Indica</i>	10
Gulmohar	<i>Delonix Regia</i>	12
Asopalav	<i>Polyalthia Longifolia</i>	10
Mango	<i>Mangifera Indica</i>	10
Shisham	<i>Dalbergia sissoo</i>	10
Garmalo	<i>Cassia Fistula</i>	10
	Total species	62

Table 2 Proposed Five Years Program for Greenbelt Development

Proposed Five Years Program for Greenbelt Development						
Plantation Details	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total
No. of plants	24	10	10	10	8	62
Yearly Percentage of plantation to be done	40 %	18 %	18 %	18 %	6 %	100 %

Table 3 Allocated Budget for the Development of Greenbelt.

	Capital Cost (INR in lakhs)	Recurring Cost (INR in lakhs)
During Construction Phase	0.45	-
During Operation Phase	1.0	0.5
Total Cost	1.45	0.5