

**Minutes of the 100<sup>th</sup> Goa State Expert Appraisal Committee  
(Goa-SEAC) meeting held on 21<sup>st</sup> December 2018 at 5 pm. in the  
Conference Room of the 3<sup>rd</sup> floor, GTDC, Patto-Panaji, Goa.**

The hundredth meeting of the Goa-SEAC was held on 21<sup>st</sup> December 2018 in the Conference room of the GTDC, Paryatan Bhavan, Panaji at 5 p.m. under the Chairmanship of Prof. Suhas Godse. The list of members who attended the meeting is at Annexure – 1.

At the beginning Chairman welcomed the members and requested Secretary, SEAC to proceed as per the Agenda items (refer Annexure – 2).

**A. M/s Mahindra Holidays & Resort India Ltd**– proposed amendment in Environmental clearance granted to Proposed Resort at survey no. 16/0 and 7/0, Moitem village , Bardez, North Goa. Following the project-specific presentation by Aditya Environmental Services Pvt .Ltd Mumbai. The Committee has noted that the earlier Goa-SEIAA had already granted environmental Clearance dated 22/03/2013. Now this office has received application for amendment in EC on 12/04/2018 and accordingly the proposed site was inspected by Goa-SEAC on 19<sup>th</sup> May 2018 and revisited on 25/09/2018. Subsequently, the Committee had called Project Proponent two times for project specific presentation. However the Project Proponent intimated their unavailability on said dates. Further committee appraised the said proposal as **Category ‘B’ under 8(a) - Building/Construction projects** based on the ‘Schedule’ annexed to the EIA Notification, 2006 (*as amended*). Following the project-specific presentation *vis-a-vis* clarifications sought, the Committee has decided to consider and recommend the proposal for grant of amendment in EC dated 22/03/2013 bearing no. 3 ó 181 ó 2010/STE-DIR/103 to the Goa-SEIAA (hereinafter referred as ‘Authority’) without any further expansion with the following additional ‘Specific Conditions’ to be complied with by the PP.

1. PP submitted that MHRIL has maintained 100m Buffer Zone and doing Monthly monitoring at two locations (One upstream and one downstream) from MoEF & CC recognized laboratory. The same to be confirmed from WRD which is build at distance of 100mt from highway.

2. The STP is designed with two parallel streams (that is with two nos aeration tanks). Hence, upto 50% load, only one of the streams of STP will be used.
3. Treated water will be disinfected with ozonation prior to reuse.
4. All tanks are constructed in double protected R.C.C. with M- 30 Grade with proper precautions required for hydraulic structures
5. Moreover, all mechanical equipment like sewage pumps, aeration tank blowers, sludge pumps, filter feed pumps, UF feed pumps, etc., will have 100% stand-by units, so that in case of mechanical failure of one equipment, the stand by unit will take over and operate.
6. MHRIL has own dedicated experienced engineering & maintenance team backed up by local suppliers who will attend in case of mechanical failures on priority.
7. MHRIL will maintain spares of all critical equipment in house with identified local suppliers for such spares for fast recovery of the plant
8. An additional storage tank of 1 day holding capacity is proposed, which will store raw sewage till the mechanical equipment are repaired and put back into operation.
9. This storage tank will have diffused aeration so as to ensure that septic conditions do not develop in it.
10. Arrangements will be made so that overflow into the additional tank is only by gravity
11. MHRIL will also have tie up with local approved Sewage collection agencies/ tankers which will transport the sewage to the nearest Government Sewage Treatment Plant. A mobile pump will be provided to suck the sewage and transfer to the tankers.
12. An additional tank for storage of per day capacity of sewage to be constructed.
13. At present, two natural nallahs pass through the central portion of the site in the West to East direction, flowing towards the river. The original natural

drainage pattern is kept undisturbed and both the nallah widths will be retained during the development. Pitching is in progress to ensure obstruction free water flow.

14. Storm water drains are provided in consideration with natural/formed contours & drains along with filter system, silt traps etc
15. The PP will install online water quality monitoring system in consultation with GSPCB. For treated water from STP one at upstream and other one at downstream of water treatment plant. The online water monitoring system should be connected to GSPCB server.
16. **Contour bunding** along the project site, to reduce the rain run-off velocity, the idea is to break the slope of the land into smaller, more level compartments by constructing structures of suitable size along contours. Each bund, thus, holds the rainwater within each compartment & diverts to Rain Water Harvesting Tanks (RWHT).
17. **Storm water drain** along compound wall leading to a pit at lowest point having float switch, to pump off the excess rain water collected in Pit which is filtered through an eco filtration system and then it is let out into Nalla.
18. **Management of silt** through surface run-off, Silt trap pits on covered drain surface, intermittently fitted Silt Arresters within drains from reaching the Nalla, Road side drains etc & other catchment areas.
19. Site will have large number of trees with shrubs, bushes and herbs, lawns which will serve as a bio barrier and ensure that there is no soil erosion from within the site
20. Indigenous plant species will be planted along the site periphery which have better soil holding.
21. No Chemical based Pesticide / Insecticide/Fertilizer will be used at site.
22. To freeze the number of apartments to the number approved by 2013 EC and monitor the efficacy of the precautionary mechanisms claimed by the PP. If there is no impact on the water quality and movement of vehicles, further

enhancement in number of apartments may be considered for recommendation by the Authority in due course, subsequently.

**B.** Project specific presentations by following steel manufacturing units presented by Earthwood Services Pvt. Ltd, Gurgram (NABET/EIA consultant). Committee appraised all the following proposals as schedule 3 (a) Metallurgical process (Ferrous and non-Ferrous) as per EIA Notification 2006 ÷Category 'B2' as per OM No. J-13012/12/2013-

<b>UNIT NAME</b>	<b>PROPOSAL FOR</b>	<b>EXISTING PRODUCTION CAPACITY</b>	<b>PROPOSED PRODUCTION CAPACITY</b>	<b>FINAL PRODUCTION CAPACITY</b>
<b>Global Ispaat Ltd.</b>	Manufacture of M.S Billet	42,000 TPA using Induction Furnace of 8T and 5 T	17,000 TPA using Induction Furnace of 8T and 8 T (replacing 5T IF with 8T)	59,000 TPA
	Direct/online charging hot rolling mill (TMT Bars)	42,000 TPA	17,000 TPA	59,000 TPA
<b>Goa Ispaat Ltd.</b>	Manufacture of MS Billets	21600 TPA (Using Induction Furnace of 7T X 1nos. and 3.5T X 1 nos.)	37900 TPA (Using Induction Furnace of 10 X 1nos. (replacing 7T IF) and 3.5T X 1 nos.)	59,500 TPA (Using Induction Furnace of 10 X 1nos. and 3.5T X 1 nos.)
	Hot rolling mill	60,000 TPA	--	60,000 TPA
<b>Mohit Ispat Ltd.</b>	Manufacture of M.S Ingots /Billet using Induction Furnace of 15T X 2nos.	30,000 TPA	28,000 TPA	58,000 TPA
<b>Shraddha Ispaat Ltd.</b>	Manufacture of M.S Billet using Induction Furnace of 12T X 2nos.	45,000 TPA	14,500 TPA	59,500 TPA
	Direct/online charging hot rolling mill (TMT Bars)	--	58,000 TPA	58,000 TPA
<b>Shri Balaji Rollings Ltd.</b>	Manufacture of Billet using	31,960 TPA (Induction Furnace of 5T X 1nos.)	26,040 (replacing 5T IF with 12T)	58,000 TPA
	Direct/online charging hot rolling mill (TMT Bars)	--	58,000 TPA	58,000 TPA

IA-II (I) dated 24<sup>th</sup> December 2013.

Following the project-specific presentation committee sought following compliances from the project proponents.

1. Since the said project is involving hazardous activity, safety of plant, worker/labour working in said premises is necessary. Accordingly all the safety aspects should be taken into consideration.
2. PP should submit standard layout for proposed activity flow including raw material handling.
3. PP should submit report of all accidents record that took place within factory and broilers and proposed mitigation measures proposed with supporting documents.
4. PP should submit risk assessment study /report along with proposed emergency exit /escape route layout in case of emergency.
5. PP should submit proposal for heat exchanger technology.
6. PP should submit proposed greenbelt along with noise reduction techniques.
7. Resubmit conservation measures /mitigation measures for common green belt development.
8. PP should submit reports of Training manuals.
9. PP should focus on planting indigenous species of plant in order to improve air quality and in developing more greenery around the project site.
10. PP should submit document for proposed CSRI /budgetary allocation towards society.

The meeting ended with vote of thanks to the Chair.

**Dr. Purushottam Pednekar** \_\_\_\_\_ *Sd/-* \_\_\_\_\_

**Dr. Nitin Sawant** \_\_\_\_\_ *Sd/-* \_\_\_\_\_

*Sd/-*  
**Shri. Sanjeev Joglekar**  
(Secretary Goa-SEAC)

*Sd/-*  
**Shri. Suhas Godse**  
(Chairman Goa-SEAC)

Place: Patto, Panaji, Goa.

Date: December 2018

**List of members who attended the 100<sup>th</sup> Goa –SEAC meeting held on 21<sup>st</sup> December 2018**

1. Shri. Suhas Godse, Taleigao - *Chairman (Goa-SEAC)*
2. Dr. Purushottam Pednekar, Mapusa - *Member (Goa-SEAC)*
3. Dr. Nitin S. Sawant, Porvorim - *Member (Goa-SEAC)*
4. Shri. Sanjeev Joglekar, Panaji - *Secretary (Goa-SEAC)*