

Compliance Report of Environmental Clearance conditions		
(vide Letter F.N. 10-47/2009-IA-III dated Oct 20, 2009 by Ministry of Environment & Forests, GOI)		
<i>Specific Conditions</i>		
S.No.	Particulars	Compliance Status
1 (i)	Pipeline will be laid by the conventional open cut method. The tunnel will be constructed by conventional control blasting technique. No Chemical shall be used for blasting.	Complied with.
1(ii)	A monitoring system shall be provided for Single Point Mooring which will monitor the position of tanker on real time basis including tanker approach speed.	Complied with.
1(iii)	Mitigative measures shall be taken to prevent SPM collision.	Complied with.
1(iv)	Oil Spill Contingency Plan shall be put in place.	Complied with.
1(v)	All the recommendations as mentioned in the EIA, DMP and Risk Assessment shall be strictly complied.	Please refer Annexure-I.
1(vi)	There shall be no temporary/permanent camp sites in CRZ areas.	Complied with.
1(vii)	Any offshore vessel discharge shall comply the norms of MARPOL.	Will be complied with.
1(viii)	Waste water generated shall be properly treated and reused, with the provision of oil water separator system.	As such this project Will not generate any waste water in normal operations. Sludge tank contents if any shall be recycled.
1(ix)	Oily waste to be stored in paved dedicated storage area and shall be disposed to authorized recyclers.	Not Applicable (no waste envisaged during normal operations)
1(x)	Crude oil storage tank from area shall be impervious lined and concrete paved with dyke walls.	No crude tanks are considered as part of this project and hence this condition is not applicable.
1(xi)	Under Corporate Social Responsibility (CSR), sufficient budgetary provision shall be made for health improvement, education, water & electricity supply etc. in and around the project.	The 'in and around the Project site' is all VPT area and mostly under industrial and naval use. Moreover, VR is already having a CSR Plan.

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1(xii)	All the conditions stipulated by Andhra Pradesh Coastal Zone Management Authorities vide their letter no. 2287 CZMA/2009; dated 18.04.2009 shall be strictly complied with.	Complied with.
2(i)	The construction of the structures should be undertaken as per the plans approved by the concerned local authorities/ local administration, meticulously conforming to the existing local and Central rules and regulations including the provisions of Coastal Regulation Zone Notification dated 19.2.1991 and the approved Coastal Zone Management Plan of Andhra Pradesh.	Complied with.
2(ii)	In the event of any change in the project profile a fresh reference shall be made to the ministry of Environment and Forests.	Complied with. (Project executed with approved project profile)
2(iii)	This ministry reserves the right to revoke this clearance, if any, of the conditions stipulated are not complied with to the satisfaction of Ministry.	Noted.
2(iv)	This Ministry or any other competent authority may stipulate any additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.	Noted.
2(v)	Full support should be extended to the officers of this Ministry's Regional Office at Bangalore and the offices of the Central and Andhra Pradesh Pollution Control Board by project proponents during their inspection for monitoring purposes, by furnishing full details and action plans including the actions taken reports in respect of mitigative measures and other environmental protection activities.	Noted and Will be complied with.
3.	These stipulations would be conformed among others under the provisions of Water (Prevention of Control of Pollution) Act, 1974 the Air (Prevention of Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and Municipal Solid Waste (Management and Handling) Rules, 2000 including the amendments and rules made thereafter.	Noted.
4.	All other statutory clearances such as the approvals for storage of diesel form Chief Controller of Explosive, Fire Department and Civil Aviation Department from height point of view, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Complied with. (Approval granted by CCOE)
5.	The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Andhra Pradesh Pollution Control Board and may also be seen on the website of the ministry of Environment & Forests at http://www.envfor.nic.in . The advertisement should be made within 10 days from the receipt of the Clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Bangalore.	Complied with.

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6.	Environmental Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.	Noted.
7.	Any appeal against this Environmental Clearance shall be lie with the National Appellate Authority, if preferred, within a period of 30 days as prescribed under section 11 of the National Environmental Appellate Act, 1997.	Noted.
8.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied with.
9.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF at Bangalore, the respective Zonal Office of CPCB and the APPCB. The criteria pollutants level namely; SPM, RSPM, SO ₂ , NO _x (ambient level as well as stack emissions) or critical sectoral parameters indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Will be complied with (EC conditions are already loaded on the website of company). Monitoring of the stack emission is not applicable since there is no stack provision.
10.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF at Bangalore, the respective Zonal Office of CPCB and the APPCB.	Being complied with.
11.	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environmental (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the Regional Office of MoEF at Bangalore by e-mail.	Will be complied with.

Annexure- I

Compliance Report of Recommendations		
EIA study of Offshore Pipeline		
Sr. No.	Recommendation	Compliance Status
1	Submarine pipeline should be buried in the near shore area with a minimum clear cover equal to the diameter of the pipeline. Since the pipeline will be laid in the Port area, while arriving at the depth of burial, the future expansion plan of the port should be taken into consideration.	Complied with.
2	Based on the oil spill risk analysis, it has been observed that a crude oil spill of 150 tonnes will spread over an area of around 100 m within 2 hrs. Accordingly, the resource requirement need to be prepared prior to the commissioning of the SPM based on the existing sea conditions and other environmental factors in the study area.	Complied with.
3	Oil spill response vessel equipped with booms, skimmers, dispersants and other necessary equipment on board should be kept ready and standby in the vicinity of the SPM during the operations. This will help to operate the gears within a short time to combat the oil spill.	Complied with.
4	Priority should be given to contain the oil spill by physical means such as booms and skimmers. Dispersants should be used only if necessary depending on the clean-up situation and damage that is likely to occur to the environment. Only those dispersants recommended by National Institute of Oceanography and approved by Indian Coast Guard should be put into use.	Complied with.
5	Training as per IMO guidelines should be given to the concerned operating staff involved in oil spill combating.	Will be complied with.
6	The noise level during pilling, transport and erection of structures etc. are to be kept to a minimum through proper lubrication, muffling and modernization of equipment.	Complied with.
7	Intertidal and near shore subtidal areas are to be restored to their original contours once the construction activities are completed and proper back filling to be done for the pipeline. General clean-up along the corridor used for construction related activities and adjacent intertidal areas are to be undertaken and all the discarded materials are to be removed from the site and aesthetic quality of the surroundings restored, once the construction operations are completed.	Complied with.

Compliance Report of Recommendations		
EIA study of Onshore Pipeline		
Sr. No.	Condition	Compliance Status
1	Design and construction of pipe supports inside the tunnel shall be done carefully to avoid any failure of supports.	Complied with.
2	Remote Control Solenoid Valves shall be provided for stoppage of flow and isolation of leaky segment by closing the valves.	Complied with.
RRA study of Onshore Pipeline		
1	Proper pipeline markers should be installed all along the pipeline route.	Complied with.
2	It would be necessary to provide a leak detection system to detect leaks from the pipeline and a suitable interlock is to be provided to trip the pumps and close the remote operated valves (if any) in the event of flow mismatch (by flow comparison between despatch and receipt).	Complied with.
3	Pipeline thickness should be as per relevant code taking care of population distribution and strategic locations within the vicinity of the pipeline.	Complied with.
4	Prevailing OISD standard, petroleum rules and other international rules & standards should be considered during design / installation of the pipeline.	Complied with.
5	Flow measuring instruments with indication should be provided in the pipeline system.	Complied with.
6	Cathodic protection system should be provided to prevent corrosion of the external surface of the pipeline. The cathodic protection should be checked periodically.	Complied with.
7	Arrangement to be made to stop pumping in case of failure of the pipeline. Some mechanism such as provision of SCADA may be considered.	Complied with.
8	Sectionalizing valves to be provided in the pipeline for isolation in case of leakage.	Complied with.