



IndianOil

Barauni Refinery

Status as on 30.09.2020

Subject: Status of Environmental Clearance Conditions for MS quality up-gradation and HSD quality up-gradation in Barauni Refinery

Ref: Ministry's clearance letter no J-11011/15/2015 - IA II (I) dated 06.03.2017.

SN	Point	Status
A	Specific Conditions	
i.	M/s IOCL shall comply with standards/norms for Oil Refinery Industry notified under the Environment (Protection) Rules, 1986 vide G.S.R. 186(E) dated 18 th March, 2008.	<ul style="list-style-type: none">• Please refer Annexure-1 for detailed status for compliance of standards/norms for Oil Refinery Industry notified under the Environment (Protection) Rules, 1986 vide G.S.R. 186(E) dated 18th March, 2008.
ii.	Continuous on-line stack monitoring for SO ₂ , NO _x and CO of all the stacks shall be carried out.	<ul style="list-style-type: none">• Continuous on-line stack analyzers for monitoring of SO₂, NO_x, CO & PM have been installed and connected to CPCB server for 20 nos. of stacks.• For stacks of CRU, New Prime-G, NHT-CCR by Mar 2021• Complied.
iii.	The process emissions {SO ₂ , NO _x , HC (Methane & Non-methane)}, VOCs and Benzene from various units shall conform to the standards prescribed under the Environment (Protection) Act, 1986. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency of the pollution control device has been achieved.	<ul style="list-style-type: none">• SO₂, NO_x, CO & PM are monitored with online SO₂, NO_x, CO and PM analyzers.• Process emissions from all units are monitored once in two months except SRU (which is monitored monthly) by MoEF&CC approved external agency M/s Mantec Environmental Laboratories. Reports enclosed.• Total SO₂ emissions from existing units at BR are less than the stipulated limit of 815 kg/hr.• Complied.

iv.	<p>Leak Detection and Repair programme shall be prepared and implemented to control HC/VOC emissions. Focus shall be given to prevent fugitive emissions for which preventive maintenance of pumps, valves, pipelines are required. Proper maintenance of mechanical seals of pumps and valves shall be given. A preventive maintenance schedule for each unit shall be prepared and adhered to. Fugitive emissions of HC from product storage tank yards etc. must be regularly monitored. Sensors for detecting HC leakage shall be provided at strategic locations.</p>	<ul style="list-style-type: none"> • Leak detection and repair programme is already in place at Barauni Refinery and same is carried out on quarterly basis. • Preventive maintenance schedule for each unit is in place and same is strictly adhered to. • Monitoring of fugitive emission from tank farm area is included in Leak Detection and Repair Programme. Report enclosed. • Hydrocarbon detectors with alarm system are installed in strategic locations in the various process units, tank farm, and other plausible locations • Complied.
v.	<p>SO₂ emissions after expansion from the plant shall not exceed 815 kg/hr and further efforts shall be made for reduction of SO₂ load through use of low sulphur fuel. Sulphur recovery units shall be installed for control of H₂S emissions. The overall sulphur recovery efficiency of Sulphur recovery unit with tail gas treating shall not be less than 99.9%.</p>	<ul style="list-style-type: none"> • Total SO₂ emission from existing units at BR is less than the stipulated limit of 815 kg/hr. • SRU (Sulphur Recovery Unit) unit (without tail gas treating) consisting of 2 chains of capacity 40 MT/day of Sulphur production each is installed at Barauni Refinery. • As per norms for Oil Refinery Industry notified under the Environment (Protection) Rules, 1986 vide G.S.R. 186(E) dated 18th March, 2008, existing SRU installed in the refinery should have 98.7% sulphur recovery and Barauni Refinery complies this standard. • New SRU envisaged in upcoming project (capacity expansion) will be installed with overall sulphur recovery efficiency of min 99.9%. • Complied.
vi.	<p>As proposed, record of sulphur balance shall be maintained at the Refinery as part of the environmental data on regular basis. The basic component of sulphur balance include sulphur input through feed (sulphur content in crude oil), sulphur output from Refinery through products, byproduct (elemental sulphur), atmospheric emissions etc.</p>	<ul style="list-style-type: none"> • Sulphur balance record is being maintained as a part of Environmental data. • Complied.
vii.	<p>Flare gas recovery system shall be installed.</p>	<ul style="list-style-type: none"> • Flare gas recovery system is installed and operational in the refinery. • Complied.

viii.	Ambient air quality monitoring stations, [PM10, PM2.5, SO ₂ , NO _x , H ₂ S, mercaptan, non-methane-HC and Benzene] shall be set up in the complex in consultation with State Pollution Control Board, based on occurrence of maximum ground level concentration and down-wind direction of wind. The monitoring network must be deiced based on modeling exercise to represent short term GLCs.	<ul style="list-style-type: none"> • Eight manual (four in Refinery, one in township and three in periphery villages) air quality monitoring stations have been set up. Ambient air quality is checked twice in a week as per revised MoEF&CC standards 2009. Report enclosed. • Three continuous online monitoring stations provided for ambient air quality monitoring covering 8 parameters viz PM 10, PM 2.5, SO₂, NO_x, CO, NH₃, Benzene and Ozone. The stations are also directly connected online with servers at CPCB and Bihar State Pollution Control Board (BSPCB). • Complied.
ix.	The total water requirement from artesian wells after expansion of proposed project shall not exceed 651 m ³ /hr and prior permission shall be obtained from the competent authority.	<ul style="list-style-type: none"> • Average fresh water requirement for 2020-21 till Sept is 605.6 m³/hr which is within the allowable limit of 651m³/hr. • Barauni Refinery has received NOC from CGWA on 19.06.2018 with validity till 04.06.2020. Renewal application submitted on 11.04.2020. CGWA official visited refinery on 29.08.2020.
x.	As proposed, Industrial effluent generation shall not exceed 497 m ³ /hr after proposed expansion and treated in the integrated effluent treatment plant. The plant shall be based on Zero Liquid Discharge and as proposed RO to be installed within the plant. Treated effluent shall be recycled/reused within the factory premises. Domestic sewage shall be treated in sewage treatment plant (STP).	<ul style="list-style-type: none"> • Industrial effluent generation for 2020-21 is 487.9 m³/hr which is within the allowable limit of 497 m³/hr and is treated in the effluent treatment plant of the refinery. • Industrial effluent generation post project shall be maintained within 497 m³/hr. • Zero liquid discharge is being maintained at Barauni Refinery except during heavy rainfall, when excess surface run off may have to be allowed to flow into Refinery owned pit (Burrow Pit) adjacent to refinery premise in the West. • Treated effluent is being reused for following purpose in the refinery: <ul style="list-style-type: none"> ○ Cooling Tower makeup water ○ Fire water make up ○ Coke cutting water ○ Make up water for Eco Ponds ○ Horticulture in Eco park • Domestic sewage is treated in biological treatment plant of the refinery. • Complied.

xi.	Automatic mechanical Oil catchers/oil traps shall be provided at all possible locations in rain/storm water drainage system inside the factory premises.	<ul style="list-style-type: none"> • Oil catchers have been constructed at following strategic locations of the refinery: <ul style="list-style-type: none"> ○ West of AVU-III ○ West of RFCCU ○ South of DHD T ○ East of Coker A ○ North of Coker A ○ North west corner of Stores ○ Final drain going to Burrow Pit. • Oil containment booms have also been installed at 3 nos of strategic locations in the refinery. • Oil collected/trapped by oil catcher and oil containment booms are transferred to ETP mechanically through gully suckers. • Complied.
xii.	The oily sludge shall be subjected to melting pit for oil recovery and the residue shall be bio-remediated. The sludge shall be stored in HDPE lined pit with proper leachate collection system.	<ul style="list-style-type: none"> • RCC pit for storage of Oily Sludge is in place and mechanized skid process has been deployed for better recovery of oil from oily sludge in place of melting pit. Presently M/s Balmer Lawrie is engaged for this job. • Residual oily sludge is bio-remediated in HDPE lined pit as well as confined space bio-remediator. • Complied.
xiii.	At least 2.5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESR) based on Public Hearing issues and item wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Ranchi.	<ul style="list-style-type: none"> • Detailed ESR plan attached as Annexure-2
xiv.	Green belt should be developed in 33% of the plot area to mitigate the effect of fugitive emission all around the plant in consultation with DFO as per CPCB guidelines. Thick green belt around factory premises should be ensured.	<ul style="list-style-type: none"> • Total plot area of the refinery: 887.83 acres. • Green belt area in Refinery: 43.8 acres. • Green belt area in Refinery Township: 82.19 acres. • Total green belt area: 125.99 acres. • Number of trees planted till date since 1995 is 111,174. • There is no further land available for tree plantation in Refinery and township. BR has made an agreement with East Central railway for 89.28 acre land for development of greenbelt. For additional

		land, discussion is going on with Forest Department of Bihar Govt.
B	General Conditions	
i.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and any other statutory authority.	<ul style="list-style-type: none"> • Stipulations made by the State Pollution Control Board (SPCB), State Government and any other statutory authority are being followed. • Complied.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. 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.	<ul style="list-style-type: none"> • Prior approval of ministry would be taken before carrying out any expansion or modification of the plant if required. • Complied.
iii.	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 stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	<ul style="list-style-type: none"> • Eight manual (four in Refinery, one in township and three in periphery villages) air quality monitoring stations have been set up. Ambient air quality is checked twice in a week as per revised MoEF&CC standards 2009. Report enclosed. • Three continuous online monitoring stations provided for ambient air quality monitoring covering 8 parameters viz PM 10, PM 2.5, SO₂, NO_x, CO, NH₃, Benzene and Ozone. The stations are also directly connected online with servers at CPCB and Bihar State Pollution Control Board (BSPCB). • Complied.
iv.	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.	<ul style="list-style-type: none"> • Ambient air quality is checked twice in a week in eight manual ambient air quality monitoring stations as per the National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009. • Complied.
v.	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	<ul style="list-style-type: none"> • The ambient noise levels from existing facilities conform to the standards prescribed under standards prescribed under Environment (Protection) Act, 1986 Rules. • For personnel working in the proximity of high noise generating equipments, appropriate PPEs are used,

	levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules viz. 75 dBA (day time) and 70 dBA (night time).	<p>and exposure is controlled through job rotation, education and awareness.</p> <ul style="list-style-type: none"> • Adequate noise control measures also taken in new facilities in the project. • Noise monitoring is done quarterly by external agency. Report enclosed. • Complied.
vi.	The company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	<ul style="list-style-type: none"> • Rain water harvesting has been implemented at 21 buildings of Barauni Refinery and township in which water collected from roof top of various buildings is recharged to ground water. Additionally, whole surface run-off of township is also diverted to 3 nos. of recharge pits. • Storm water drain of the refinery has been routed to ETP and storm water is being reused in refinery operation after treatment along with ETP water except during heavy rainfall, when excess surface run off may have to be allowed to flow into Refinery owned pit (Burrow Pit) adjacent to refinery premise in the West. • Complied.
vii.	Training shall be imparted to all employees on Safety and health aspects of chemical handling. Pre- employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemical shall be imparted.	<ul style="list-style-type: none"> • Training is continuously imparted to all employees on chemical handling. • Pre – employment medical examination of all employees are carried out before joining the organization. • Routine periodical medical examination as per statutory requirement is carried out on regular basis. • Complied.
viii.	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, risk mitigation measures and public hearing relating to the project shall be implemented.	<ul style="list-style-type: none"> • Presently Environmental Monitoring of all required parameters in Refinery is carried out periodically. The existing practice shall be extended for the proposed project as per EIA/EMP report. • Recommendations of Quantitative Risk Analysis is being implemented along with project execution.

ix.	The company shall undertake all relevant measures for improving the socio economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	<ul style="list-style-type: none"> • Being done based on the drawn up schedule as part of CSR. CSR plan is finalized in consultation with mukhiyas of surrounding villages. • Complied
x.	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	<ul style="list-style-type: none"> • Being done based on the drawn up schedule as part of CSR. • Complied
xi.	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	<ul style="list-style-type: none"> • BR has a full-fledged environment protection cell and a well equipped dedicated pollution control laboratory established back in 1975. • Complied
xii.	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 to earmark for environment management/pollution control measures shall not be diverted for any other purpose.	<ul style="list-style-type: none"> • Being complied. • In addition to one time investment in facilities for combating pollution, separate funds are allocated for specific activities such as environment monitoring, operation and maintenance of effluent treatment plant, oil recovery from oily sludge through mechanized skid process and studies related to environment etc.
xiii.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZilaParisad / Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	<ul style="list-style-type: none"> • The instant project being environment project was exempted from public hearing. Further, no suggestions were received from Panchayat, Zila Parisad / Municipal Corporation, Urban local Body and the local NGO while processing the proposal. Nevertheless, copy of clearance has been sent to District Magistrate, Begusarai and Municipal Commissioner, Begusarai Nagar Nigam vide letter dated 22.02.2020. Attached as Annexure-3. • Complied
xiv.	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	<ul style="list-style-type: none"> • A six monthly compliance report and the monitored data are submitted regularly. • EC Compliance status of various projects is being hosted on https://www.iocl.com/Talktous/SNotices.aspx. Alternatively, one can reach IOCL home page at https://www.iocl.com and thereafter selecting "We're Listening" tab followed by opening

	Clearance and six monthly compliance status reports shall be posted on the website of the company.	<p>“Statutory Notices”.</p> <ul style="list-style-type: none"> • Complied
xv.	The environmental statement for each financial year ending 31 st March in Form-V as its 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.	<ul style="list-style-type: none"> • Environment Statement for each financial year is submitted to Bihar State Pollution Control Board. Same shall be sent to Regional Office of MoEF&CC by e-mail.
xvi.	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 at http://moef.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.	<ul style="list-style-type: none"> • The information regarding accord of Environment clearance for the subject project has been advertised in two local newspapers. Copy enclosed as Annexure-4. • Complied.
xvii.	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.	<ul style="list-style-type: none"> • Noted for Compliance.

Note- Ambient air monitoring, stack monitoring and noise monitoring reports are attached separately

Annexure-1

Status and Action Plan for Compliance of Revised Emission and Effluent Standards 2008 at Barauni Refinery

Schedule -I: Petroleum Oil Refinery

A. Effluent Discharge

SN	Standard	BR status and action plan
1	Treated Effluent Quality	No effluent is discharged outside refinery. Treated effluent is totally reused and its quality is maintained as per MINAS. Reports attached separately. Complied

B. Emissions

SN	Standard	BR status and action plan
2	H ₂ S in Fuel Gas	H ₂ S in Fuel Gas is within limits as required under revised standards. Complied
3	SO ₂ Emissions	These parameters are monitored through online stack analyzers. These analyzers are directly connected to CPCB and BSPCB servers. Emissions are under within limit. Reports attached separately. Complied
4	NO _x Emissions	
5	CO Emissions	

6	Particulate Matter (PM) Emissions	<p>Barauni Refinery processes more low sulphur crude in recent years. Only about 5% high sulfur crude processing takes place. As a result internal fuel oil quality has been improved w.r.t emission of particulate matter. Further, particulate matter analyzers have been installed in all stacks of refinery and connected to CPCB server since June-16. The online analyzer data available now help us fine tuning fuel firing and optimization of gas mix amongst various furnaces and the controlling the PM parameters within the statutory limit.</p> <p>COMPLIED.</p>
7	Nickel and Vanadium (Ni+V) Emissions	COMPLIED.
8	Sulphur Content in Liquid Fuel	COMPLIED.
9	Continuous Monitoring System for SO₂ & NO_x emissions	<p>Continuous monitoring is done through online analyzers. These analyzers are directly connected to CPCB and BSPCB servers. Complied</p>
10	Opacity of Flue Gas ex FCCU Regenerators	<p>> RFCCU was commissioned at Barauni Refinery along with flue gas scrubbing technology supplied by M/s Belco, USA. In the Belco unit, the flue gas is scrubbed with water & diluted caustic solution (<0.5 % concentration by wt.) to remove SO_x and particulate matter. PM level in flue gas is less than 30 mg/Nm³. High volume of condensed water vapor generated during water scrubbing of flue gas escapes through the BELCO stack as whitish plume. Opacity meter under such condition is not considered relevant as it will not be effective due to high moisture content in flue gas. > Further, PM analyzers have been installed in RFCCU stack through which particulate matter ex- RFCCU stack is monitored, which is closely akin to monitoring of opacity in flue gas. Therefore opacity meter installation at RFCCU is not planned. > Complied.</p>
11	Sulphur Recovery from SRU	<p>SRU at Barauni refinery meets the revised standard.</p> <p>COMPLIED.</p>

12	H₂S emissions from SRU	SRU at Barauni refinery meets the revised standard. COMPLIED.
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C. Fugitive Emission

SN	Standard	BR status and action plan
13	Storage tanks with capacity between 4 to 75 m3 and TVP of more than 10 kpa	Not Applicable.
14	Storage tanks with capacity between 75 to 500 m3 and TVP of 10 to 76 kpa	Not Applicable.
15	Storage tanks with capacity of more than 500 m3 and TVP of 10 to 76 kpa	Storage tanks of Crude, MS & SRN have TVP of 10 to 76 kpa. All such tanks are IFRT or EFRT. COMPLIED.
16	Storage tanks with capacity of more than 500 m3 and TVP of more than 76 kpa	Not Applicable
17	Provision of secondary seals in floating roof tanks	All such tanks at Barauni Refinery are equipped with double seal. COMPLIED.

18	Emission control in Rail Tank Wagon/ Road Tank Truck loading for Gasoline and naphtha for VOC reduction	Barauni Refinery complies most of the revised standards for petroleum refineries as notified in Gazette of India on 18th March'08 except vapor recovery system in tank wagon/tank truck. For VOC reduction of 99.5% and emission control to 5 gm/m ³ in case of Gasoline and Naphtha loading, VOC recovery system at Loading Gantry would be required. Existing gantry at Barauni refinery does not have adequate space for laying a bigger dia header all along the gantry and other equipments for vapour recovery system. It will also require the shutdown of product loading gantry for 3-4 months to install this facility. Outage of gantry for such a long period cannot be allowable in view of the chances of market dry out of the major petroleum products.
19	Equipments leak and LDAR programme	COMPLIED.

D. Emission Standards for VOC from Wastewater Collection and Treatment

20	VOC Collection & Treatment System	VOC treatment system as a part of ETP modernization project has been installed and commissioned. COMPLIED.
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Schedule -VI, Part C: Petroleum Oil Refinery

SN	Standard	BR status and action plan
21	Quantum limit for discharge of total effluent	No effluent is discharged outside refinery. Treated effluent is totally reused.
22	Limit of quantity of effluent discharged	

Planning of CER Projects of Barauni Refinery for the next 5-years

Activity wise fund utilization action plan															Expenditure Plan (Crores)				
Sl.	Activity/ Project details	Activities Planned Exp (Rs. Cr)	Activities Appd. Exp (Rs. Cr.)	Activities Completed Exp (Rs. Cr.)	Fund Spent Exp (Rs. Cr)	Status of the project	Date of approval from Competent authority	Start Date of the Project	Consent from District Administration	Scheduled Date of Completion	Category of the Project	Mode of implementation	Name of implementing agency	2020-21	2021-22	2022-23	2023-24	2024-25	
1	Construction of Boundary Wall, Internal Road and provision of street lights in the Burrow Pit area of Barauni Refinery	12.32	12.32	NIL	NIL	Project Approved Under AF Budget Head . Tendering Done & Agency Lined-Up on 20.02.2020. Site Handing : 09.03.2020 .Project Completion by Dec-2020. Consent Received from Begusarai District Admn on 06.08.2020. Proposal initiated for conversion from AF Budget Head to CER Budget Head.	14.11.2019	01.04.2020	Yes	30.04.21	Security as well as Community Development	Through Tendering by IOCL	M/s Buildtech Associates	8.82	3.5				
2	Construction of Cross Drains in Keshawe Village to provide support to the villagers in order to avoid any water-logging inside the village.	6.14	6.14	NIL	NIL	Feasibility Study completed .Consent Received from Begusarai District Admn on 06.08.2020.Estimate done and Tender Floated.Tender Opening Date : 09.09.2020.Project Completion Period : 10 Months	Under Approval	Yet to Start	Yes	31.10.21	Sanitation	Through Tendering by IOCL	Yet to be decided	1.00	5.14				
3	Construction of 04(Four) Nos of classrooms in Middle School Govindpur	0.65	0.65	NIL	NIL	Agency Lined up for the works.Consent Received from Begusarai District Admn on 06.08.2020.Agency	Under Approval	Yet to Start	Yes	31.01.2021	Education	Through Tendering by IOCL	Yet to be decided	0.65					

	located in the vicinity of Refinery					under Mobilization. Work to be started by 10th September .Expected Completion of the Project by Jan-2021												
4	Building as Learning Aid in different schools of Begusarai District	1.37	1.37	NIL	NIL	Project Details received from District Administration Begusarai .Consent Received from Begusarai District Admn on 06.08.2020.Feasibility Study under progress.Planned to be executed on Deposit Work Basis thru Begusarai District Administration .Expected Signing of MoU by Oct-2020.Project Completion Period : 06 Months	Under Approval	Yet to Start	Yes	31.07.23	Education	Deposit Work Basis through MoU	Begusarai District Administration	0.15	0.6	0.62		
5	Manure Management Project with Sudha Dairy in Technical Support by National Dairy Development Board (NDDDB), Anand	1.13	1.13		NIL	Project Details received from NDDDB & Feasibility Study completed.Consent Received from Begusarai District Admn on 06.08.2020.MoU details finalized with NDDDB. MoU signing through VC is being planned and dates are under finalization .Expected Start of the Project by 15th September 2020. Project Completion Period : One Year	Under Approval	Yet to Start	Yes	30.09.21	Solid Waste Management	Deposit Work Basis through MoU	National Dairy Development Board	0.27	0.86			

6	Construction of 6-Bed Burn Ward in the Sadar Hospital Begusarai	3.86	3.86	NIL	NIL	Project Details received from Health Department, Govt of Bihar.Consent Received from Begusarai District Admn on 06.08.2020.Feasibility Study under progress .Planned to be executed on Deposit Work Basis thru Govt. of Bihar .MoU under finalization.Expected Signing of MoU by Nov-2020.Project Completion Period : 18 Months	Under Approval	Yet to Start	Yes	30.10.23	Health	Deposit Work Basis through MoU	Health Dept, Govt of Bihar	0	1.75	2.11		
7	Construction of School Building in 10 (Ten) Govt Schools in Begusarai District .	7.00	NIL	NIL	NIL	Schools identified for construction works for 4 Nos of Classrooms in each of the Govt School. Site visit of the school is planned to be undertaken after the schools are opened by the order of the Govt and necessary clearances from District Administration is to be obtained	Consent from District Admiistrati on to be taken	Yet to Start	Yet to be received	31.03.2024	Education	Through Tendering by IOCL	Yet to be decided	0.00	2.60	2.60	1.80	
8	Constrution of Community Hall (Two nos) nearby Panchayats of Barauni Refinery-Mahna Panchayat (Rupaspur Village) & Nurpur Panchayat.	1.40	NIL	NIL	NIL	Request received from local MLA and to be considered under the CER works as these pancyatas are nearby the Refinery installation. Feasibility Study to be done and Gram Panchayat to provide land for construction purposes.	Consent from District Admiistrati on to be taken	Yet to Start	Yet to be received	31.03.2023	Community Development	Through Tendering by IOCL	Yet to be decided	0.00	0.70	0.70		

9	Instllation of 10 (Ten) Nos Plasmacore Technology based machine (Eco Friendly , Make In India Project and comprehensive solution) for Municipal Solid Waste Management in Begusarai Town.	5.00	NIL	NIL	NIL	Under discussion with Begusarai District Administration for finalization of location.	Consent from District Admiistrati on to be taken	Yet to Start	Yet to be received	31.03.2023	Solid Waste Management	Through Tendering by IOCL	Yet to be decided	0.00	2.50	2.50			
10	Construction of Multi-purpose auditorium in Govt Middle School in Jemra Village under Mosadpur Panchayat	0.75	NIL	NIL	NIL	Feasibility Study under progress.	Consent from District Admiistrati on to be taken	Yet to Start	Yet to be received	31.03.2022	Education	Through Tendering by IOCL	Yet to be decided		0.75				
11	Greem-Belt Development as per the Statotory requirement against BR-9 Project	35.00	NIL	NIL	NIL	MoU has been signed with Indian Railways for land to develop green belt (approx. 89 Acres) and methodology for implementation is under finalization.	Consent from District Admiistrati on to be taken	Yet to Start	Yet to be received	31.03.2025	Environme nt				9.00	9.00	9.00	8.00	
12	Sewerage Treatment Plant in Begusarai District	20.00	NIL	NIL	NIL	Tentative estimation is to be done in line with the estimation to be provided by District Administration	Consent from District Admiistrati on to be taken	Yet to Start	Yet to be received	31.03.2025	Solid Waste Management					6.70	7.00	6.30	
		94.62	25.47	0	0									10.89	27.40	24.23	17.80	14.30	
<p>Note: Projects as identified above are tentative only and subjected to change based on the approval from District Administration as per CER policy in due course of time.</p>																			

Annexure-3



रिफाइनरीज़ प्रभाग
Refineries Division

इंडियन ऑयल कॉर्पोरेशन लिमिटेड
बरोनी रिफाइनरी, झाकघर : बरोनी ऑयल रिफाइनरी,
जिला : बेगूसराय, बिहार - 851 114

Indian Oil Corporation Limited
Barauni Refinery, P.O. : Barauni Oil Refinery,
Distt. : Begusarai, Bihar - 851 114
वेबसाइट : www.iocl.com
ई-मेल : baraunirefinery@indianoil.in
दूरभाष : 06243-240159 / 240110
फैक्स : 06243-240150 / 240278



ISO : 9001, 14001 & OHSAS : 18001 Certified Refinery

Ref.No.: TS/HSE/2020/02/1146.

Date : 22.02.2020

To,

District Magistrate,
Begusarai, Bihar

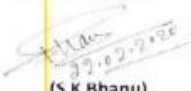
Sub: Copy of EC received by IOCL, Barauni Refinery for record

Dear Sir,

A copy of Environmental Clearance from MoEF&CC, received by IOCL, Barauni Refinery via F. No. J-11011/15/2015-IA-II (I), for the project for **MS quality up-gradation & HSD quality up-gradation in Barauni Refinery at District – Begusarai, Bihar by M/s IOCL**, is attached for your kind perusal and record.

Thanking you,

Yours faithfully,


(S K Bhanu)

DEPUTY GENERAL MANAGER (HSE)

Encl: As above.


22-2-20

Barauni Refinery - In harmony with nature

पंजीकृत कार्यालय : जी-9, अली यावर जंग मार्ग, बान्द्रा (पूर्व), मुंबई-400 051, महाराष्ट्र (भारत)
Regd. Office : G-9, Ali Yavar Jung Marg, Bandra (East), Mumbai-400 051, Maharashtra (India)
CIN - L 23201 MH 1959 GOI 011388



रिफाइनरीज प्रभाग
Refineries Division

इंडियन ऑयल कॉर्पोरेशन लिमिटेड
बरीनी रिफाइनरी, डाकघर : बरीनी ऑयल रिफाइनरी,
जिला : बेगूसराय, बिहार - 851 114

Indian Oil Corporation Limited

Barauni Refinery, P.O. : Barauni Oil Refinery,

Dist. : Begusarai, Bihar - 851 114

वेबसाइट : www.iocl.com

ई-मेल : baraunrefinery@indianoil.in

दूरभाष : 06243-240159 / 240110

फैक्स : 06243-240150 / 240278

ISO - 9001, 14001 & OHSAS : 18001 Certified Refinery



Ref.No.: TS/HSE/2020/02/1145

Date : 22.02.2020

To,


Municipal Commissioner,
Begusarai Nagar Nigam
Begusarai, Bihar

Sub: Copy of EC received by IOCL, Barauni Refinery for record

Dear Sir,


A copy of Environmental Clearance from MoEF&CC, received by IOCL, Barauni Refinery via F. No. J-11011/15/2015-IA-II (I), for the project for MS quality up-gradation & HSD quality up-gradation in Barauni Refinery at District - Begusarai, Bihar by M/s IOCL, is attached for your kind perusal and record.

Thanking you,


22/02/2020

Encl: As above.

Yours faithfully,


22.02.2020
(S K Bhanu)

DEPUTY GENERAL MANAGER (HSE)

Barauni Refinery - *In harmony with nature*

पंजीकृत कार्यालय : जी-9, अली यावर जंग मार्ग, बान्द्रा (पूर्व), मुम्बई-400 051, महाराष्ट्र (भारत)
Regd. Office : G-9, Ali Yavar Jung Marg, Bandra (East), Mumbai-400 051, Maharashtra (India)
CIN - L 23201 MH 1959 GOI 011388

Copy of advertisement regarding receipt of Environment Clearance in two local newspapers

Triple talaq a matter of faith for 1,400 yrs: Sibal

IN COURT Likens divorce law to belief about Ram's birthplace

Bhadra Sinha

NEW DELHI: The All India Muslim Personal Law Board (AIMPLB) on Tuesday defended triple talaq in the Supreme Court, saying it was being practised for 1,400 years and was a matter of faith just like Ram Lalla's birthplace.

The board brought up the long-pending dispute over building a temple to Lord Ram in Ayodhya, which Hindus believe is his birth place, before a five-judge constitutional bench which is hearing petitions demanding scrapping of the controversial divorce practice.

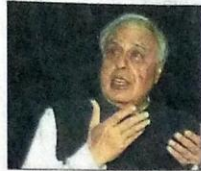
Several Muslim women have told the court the custom was biased and against gender justice.

"Triple talaq is not a question of equity and good conscience but of faith. Can't bring constitutional morality into it," board's lawyer and senior Congress leader Kapil Sibal said.

He also said while Hindu laws protected all customs "in Muslim law they say customs violate Constitution".

In a Hindu majority state, Muslims, who were a minority, should be protected.

Several Muslim women have told the court the custom was biased and against gender justice. The Centre backs the petitioners, saying the practice was unconstitutional and against equality.



Kapil Sibal

SHARIA WAS PERSONAL LAW AND NOT SUBJECT TO FUNDAMENTAL RIGHTS, SIBAL SAID ABOUT THE ISLAMIC LEGAL AND MORAL CODE

Sharia was personal law and not subject to fundamental rights, Sibal said about the Islamic legal and moral code.

"Triple talaq is there since 637. Who are we to say that this is un-Islamic. Muslims are practicing it for last 1,400 years. It is a matter of faith. Hence, there was no question of constitutional morality and equity," Sibal said.

"If I have faith that Lord Ram was born at Ayodhya, then it's a matter of faith and there is no question of constitutional morality."

Sibal told the multi-faith bench led by Chief Justice JS Khehar that the source of triple talaq could be found in Hadith and that it came into being after the time of Prophet Muhammad.

The Centre told the court, which is holding day to day hearing in the case, on Monday it would bring a matrimony law for Muslims to fill a legal vacuum should it strike down triple talaq.

Triple talaq is the lone controversial way Sunni Muslim men in India can get a divorce. It allows a man to end a marriage by uttering the word talaq thrice in quick succession.

Attorney general Mukul Rohatgi said it wasn't the court's job to interpret the Quran and it should consider the constitutional validity of triple talaq and not restrict itself to examining whether the custom was fundamental to practicing the faith.

If the government brings in a new law it could mean the start of a process to overhaul Muslim personal laws in India that are now guided by a 1937 Sharia code. India has separate sets of personal laws for each religion governing marriage, divorce, succession, adoption and maintenance.

The country's top law officer disagreed with the court that the government should first address whether triple talaq was "essential to religion or not", saying it was not an ecclesiastical court.

(With agency inputs)

Victim kin allege death in custody, block NH 30

Mukesh K Mishra

PATNA:irate over alleged custodial death of a labourer, his family members blocked National Highway (NH) 30 near the bypass and disrupted movement of traffic for many hours on Tuesday. They also damaged windowpanes of several vehicles and raised slogans against the police, demanding immediate arrest of the cops involved in his killing.

The deceased, Chote Lal Bind, 30, had died during treatment at Patna Medical College Hospital (PMCH) on Monday. However, his family alleged that Bind was killed in police custody.

Bind was arrested from Begampur area under Bypass station on charge of consuming liquor on May 11.

Laxmania Devi, wife of Bind, alleged that her husband was murdered in police custody.

"There were no injury marks on his body when he was arrested by the Bypass police on May 11. But, when we saw his body on Monday, it wore injury marks on



his face, which proved that he was tortured and killed in police custody during interrogation," she said.

The road blockade was lifted after senior police officers reached there and assured to take action against the guilty policemen.

Station house officer (SHO), Bypass police station, Rajendra Prasad said the cause of the death would be known only after getting the postmortem report.

The SHO, however, said, Bind died in course of treatment at the PMCH on Monday.

FIR: down

Ajay Kumar

MUZAFFARPUR: Muzaffarpur north of Patna an FIR against victim who hit paramour, for act against hi

The FIR was aiyala police st evening again and her sev hatching a co cate her husb in a false mur leading the po

Sharma, v quently arre: killing Kumi under judicia

Police said tered after S Lalita Devi i senior superi Vivek Kumar ing for releas

Saraiya pe Santosh Misl tiomer, said K ily members

from page one

Housing

tary, cabinet secretariat, Brijesh Mehrotra said there was a shortage of about 1.87 crore houses for economically weaker sections in the country.

Under the policy, state agencies engaged in construction of houses and development of plots,

including BSBB, urban local bodies and planning authorities, would have to allocate 50% of the plots and houses for EWS and LIG sections in all projects involving 4000 square metres of land and more.

"Of the total allocation, 50% will be earmarked for EWS, and

rest for LI

Mehrotra. "As per t vate develop allocate 15? plots and ho their project square met and LIG sec

from page one

I-T raids

Yadav is the deputy chief minister of Bihar.

Union minister Ravi Shankar Prasad had alleged that these transactions were a case of 'quid pro quo' as they dated to the period when Lalu Prasad was the railway minister, and dared Bihar chief minister Nitish Kumar to take action against him. He had claimed one such land deal involving Lalu and his family members was in Bijwawan in Delhi.

Reacting sharply, the Bihar strongman alleged that the BJP had "let loose the government machinery on him". The BJP

setback to the powerful regional satrap who was disqualified from Parliament and banned from contesting elections after he was convicted of corruption in 2013 in one of the biggest scams in Bihar.

However, shortly after Lalu's tweet, RJD spokesperson Manoj Jha appeared to have launched a damage control exercise, saying the reference to "new alliance partners" was an allusion to how the BJP had picked up the income-tax department and CBI as its partners to harass political rivals.

"We say, I-T and CBI have now become BJP's new alliance partners as they are alliance part-

Nitish

when he broke his silence over the alleged acquisition of assets worth Rs 1,000 crore by RJD chief Lalu Prasad and his family, through shell companies at throwaway prices.

The matter related to the company affairs department and the Centre was competent to initiate action, if there was documentary evidence to warrant an inquiry, he had said in the presence of Prasad's son and deputy CM Tejashwi Prasad Yadav after the conclusion of his weekly Lok Samvad programme.

maintenance for five years.

The six districts are Valsahall, Muzaffarpur, Sitamarhi, Sheohar, East Champaran and West Champaran.

Jauhar said the company had almost completed its task. "Work on only six roads remains to be completed. Under the prevailing law and order condition, it will be difficult for us to continue our work," he said. Meanwhile, an NHPC official said the two engineers had some dispute with a local contractor over payment against the work done.

IndianOil PUBLIC NOTICE: It is to bring to kind notice of all concerned that Barauni Refinery has received Environment Clearance for MS Quality Upgradation & HSD Quality Upgradation Project vide Ministry's clearance letter no. J-11011/15/2015 - IA II (I) dated 06.03.2017. The copy of the Environment Clearance letter is available with Bihar State Pollution Control Board and may also be seen at website of the Ministry at http://moef.nic.in

अगमकुआं थाना क्षेत्र के छोटी पहाड़ी स्थित गोदाम से खाद्य सुरक्षा विभाग ने 230 टन मिलावटी सरसों तेल के धंधे का

अवैध कारोबार

पटना सिटी | हिन्दुस्तान प्रतिनिधि

खाद्य सुरक्षा विभाग ने अगमकुआं थाना क्षेत्र के छोटी पहाड़ी, सम्राट पेट्रोल पंप के पास स्थित गोदाम में छापेमारी कर मिलावटी सरसों तेल के धंधे का भंडोफोड़ किया है। टीम ने मौके से सरसों तेल के नमूने जब्त कर लिया है। जिसे जांच के लिए लैब भेजा जा रहा है। आर्थिक अपराध ईकाई के इंस्पेक्टर देवनारायण पासवान ने बताया कि एक बड़े गैलन में छह हजार लीटर पॉम ऑयल जब्त किया गया है। गौरतलब है कि बीते 21 फरवरी को ही तीन हजार टन मिलावटी सरसों तेल जब्त किया गया था।

गुप्त सूचना के आधार पर खाद्य सुरक्षा की टीम ने पुलिस के साथ मिलकर मंगलवार की दोपहर गोदाम में छापा मारा। जहां बड़े पैमाने पर सरसों का तेल का निर्माण और पैकिंग किया जा रहा था। टीम को सूचना मिली थी कि कारखाने में पॉम ऑयल, रंग और एसेंस के मिश्रण से सरसों तेल तैयार किया जा रहा है। कारखाने में छापेमारी से आसपास के

लिए निजी बोरिंग पंप व बिनी सार्वजनिक पर जुटे रहे। सबसे ज्यादा परेशानी सुबह में ऑफिस व अन्य कामों पर जाने वाले लोगों को को हुई। वहीं कुछ इलाकों के लोग स्नानादि के लिए गंगा घाट का सहारा लिया। इधर सुबह से लेकर दोपहर तक कई इलाकों में महिलाओं को तसला-बाल्टी लिए पानी की जुगाड़ के लिए भटकना पड़ा।

स्थानीय लोगों ने बताया कि आलमगंज थाना क्षेत्र के बबुआगंज स्थित बोरिंग पंप का रॉड टूट जाने से शनिवार की दोपहर से ठप पड़ा है। वहीं खाजेकलां थाना क्षेत्र के गुरुगोविंद सिंह अस्पताल परिसर स्थित बोरिंग पंप कारखाने की शाम से ठप पड़ा है। इस पंप का भी रॉड टूट जाने से जलापूर्ति बंद रही।

किन्तु इन इलाकों में रखा जलसंकेत : केने बोरिंग पंप ठप होने से 40 हजार से अधिक की आबादी पीने की पानी के लिए हासिलान रहे। नतीजतन बबुआगंज, खाजेकलां, आलमगंज, हाथी बगान, आध्यात्म, चौराहा, गुलशन, आदि इलाकों में जलसंकेत के लिए भटकना

मचा हड़कंप

- खाद्य सुरक्षा विभाग ने मारा छापा, जांच के लिए लैब भेजा तेल का नमूना
- बड़े पैमाने पर गोदाम में किया जा रहा था सरसों तेल का निर्माण और पैकिंग
- अवैध रूप से मिलावट करने वालों में मची अफरा-तफरी

06 हजार लीटर पॉम ऑयल एक बड़े गैलन से जब्त

150 खाली कंटेनर व मिलावट के सामान बरामद

भनक लगते ही फरार हो गया। छापेमारी टीम में खाद्य सुरक्षा पदाधिकारी सुदामा चौधरी, मुकेश कश्यप, आर्थिक अपराध ईकाई के इंस्पेक्टर देवनारायण पासवान, दीपक प्रकाश, अरविंद कुमार राय शामिल थे।

टीम का कहना है कि मिलावट की सूचना पर छापेमारी कर नमूना को जांच



मिलावटी तेल से स्वास्थ्य को नुकसान

- किड़नी और लीवर को खराब कर देता है
- गॉल ब्लाडर कैंसर का खतरा बढ़ जाता है
- नर्व सिस्टम को नुकसान पहुंचाता है
- पाचन तंत्र में खराबी से भूख खत्म हो जाती है

गुलजारबाग में मिला पॉम ऑयल

छोटी पहाड़ी स्थित कारखाने में मिले सुराग के आधार पर अजय कुमार के गुलजारबाग स्थित गोदाम में देर शाम छापेमारी की गई। जहां से

चलाया। इस दौरान आरओबी के नीचे अवैध रूप से चला रहे दुकानों को जब निगमकर्मियों ने हटाने का प्रयास किया तो दुकानदारों ने इकट्ठे होकर विरोध करना शुरू कर दिया। अतिक्रमणकारियों से 21 सी जूमांन के दौर पर वसली की।

इंडियन ऑयल

सीआईएन- एच 23201 एनएच 1999 जीओआई 011388
रिफाइनरीज प्रभाग-बरीली रिफाइनरी

आम सूचना

सभी संबंधितों को सूचित किया जाता है कि दिनांक 06.03.2017 के मंत्रालय के स्वीकृति पत्र संख्या- J-11011/15/2015 - IA II (I) के द्वारा बरीली रिफाइनरी को एमएस गुणवत्ता उन्नयन एवं एचएसडी गुणवत्ता उन्नयन परियोजना के लिए पर्यावरण स्वीकृति मिल गई है। पर्यावरण स्वीकृति पत्र की प्रति बिहार राज्य प्रदूषण नियंत्रण बोर्ड में उपलब्ध है। इसे मंत्रालय की वेबसाइट <http://moef.nic.in> पर भी देखा जा सकता है।

01.	Construction of Anti Flood Regulator at Balgadar in Haraha Block Lakhisarai, District Lakhisarai
02.	Construction of Anti Flood Sho Point of Damua Sota, PPT Mohanpur under Ghoswari block
2.	विशेष जलसंधि सुव्यवस्था करने
3.	विशेष जलसंधि सुव्यवस्था करने
	विशेष जलसंधि सुव्यवस्था करने
5.	विशेष जलसंधि सुव्यवस्था करने
6.	विशेष जलसंधि सुव्यवस्था करने
7.	विशेष जलसंधि सुव्यवस्था करने
8.	विशेष जलसंधि सुव्यवस्था करने
9.	विशेष जलसंधि सुव्यवस्था करने
10.	विशेष जलसंधि सुव्यवस्था करने
11.	विशेष जलसंधि सुव्यवस्था करने

फोन नं.- 1645 (जल संसाधन)