



स्टील अथॉरिटी ऑफ इंडिया लिमिटेड  
**STEEL AUTHORITY OF INDIA LIMITED**  
 कोलियरीज डिवीज़न,  
**COLLIERIES DIVISION**

Ref: - *GM/IASRA/215*

Date : - 01/12/2017

To,  
 The Additional Director(s),  
 EI Division,  
 Ministry of Environment, Forest and Climate Change,  
 ParyavaranBhawan, CGO Complex, Lodhi Road,  
 New Delhi – 110003

Sub: Six Monthly Status of Compliance to the conditions stipulated in the EC granted by MoEF and Climate Change for Pit Head Coking Coal Washery of 3.5 MTPA (EC granted vide letter no. J-11015/365/2009-IA.II(M)pt dated 30<sup>th</sup> March, 2017) for the period ending 30<sup>th</sup> September, 2017.

Dear Sir,

Please find enclosed herewith the updated six monthly compliance report for the period ending 30<sup>th</sup> September 2017 with respect to the condition stipulated in the Environmental Clearance granted by Ministry of Environment, Forest and Climate Change, New Delhi vide letter no. J-11015/365/2009-IA.II(M) pt dated 30<sup>th</sup> March, 2017 for the Pit Head Coking Coal Washery of 3.5 MTPA of M/s Steel Authority of India Limited for your kind perusal please.

Hard Copy and Soft copy of the report is enclosed.

Thanking you,

Yours faithfully

*(Signature)*  
 01/12/17  
 GM (C & T)

Encl : As above.

Copy :

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. The Additional Director (s)<br/>         Ministry of Environment Forest and Climate Change<br/>         Regional Office, Eastern Zone, A/3 Chandrasekharapur,<br/>         Bhubaneshwar – 751023 (ODISHA)</li> <li>2. The Member Secretary<br/>         Central Pollution Control Board,<br/>         PariveshBhawan, CBD-cum-Office Complex,<br/>         East Arjun Nagar, Delhi – 110032 (INDIA)</li> <li>3. The Menber Secretary<br/>         Jharkhand State Pollution Control Board,<br/>         H.E.C., Dhurwa, Ranchi – 834004 (JHARKHAND)</li> </ol> | <ol style="list-style-type: none"> <li>4. J.S.P.C.B<br/>         Regional Office,<br/>         Dhanbad (JHARKHAND)</li> </ol> |
|--|---|

**Status of Compliance to the Condition stipulated in the Environmental Clearance granted by MoEF for Pit Head Coking Coal Washery (3.5 MTPA) for the period of September 2017 (EC granted vide Reference No. J-11015/365/2009-IA.II(M) pt. dated 30<sup>th</sup> March, 2017**

**A. Specific Conditions:-**

Condt. No.	Conditions Imposed	Status on September 2017
1	The Technology for washery shall be as per the project report submitted and presented to the Expert Appraisal Committee	Noted, the technology for washery will be as per the project report submitted.
2	The Technology so chosen for the washery should confirm to 'Zero Liquid Discharge'.	Noted, the technology for washery will be as per the project report submitted confirming 'Zero Liquid Discharge'.
3	Long Distance Belt Conveyor (LDBC) system for transportation of raw coal from Tasra Coal Pit to the proposed washery covering a length of 2 Km with water sprinkling arrangement at all transfer points, shall be installed	Transportation of Raw Coal from proposed Coal Handling Plant (CHP) will be done through Long Distance Belt Conveyor (LDBC) system, covering a length of 2 Km with water sprinkling arrangements installed at all transfer points. The raw coal from the Tasra Pit will be moved through Haul Road upto CHP as per EIA of Tasra Coal Mine, and then from there it will be moved to proposed washery through LDBC as per EIA of Pit Head Coking Coal Washery. The same has been communicated to MoEF and Climate Change for modification as per our letter no. GM/TASRA/41 dated 20.05.2017. (Attached as Annexure – 1)
4	Thick green belt of 35-45 m width to be provided around the washery to mitigate/check the dust pollution. A 3-tire avenue plantation should also be developed along vacant areas, storage yards, loading/transfer points, and also along internal roads/main approach roads.	Noted, green belt, as specified in the submitted project report, will be developed as per CPCB guidelines along the vacant areas, storage yards, loading/transfer points and also along internal/main approach roads.
5	Transport of washed coals and middlings shall be ensured by rail with wagon loading through silo.	Noted. As specified in the project report, the two product of the proposed washery i.e. Washed Coal (Clean Coal) and the Secondary Product will be transported by rail with wagon loading through Silo.

*28/6*  
*01/12/17*

Condt. No.	Conditions Imposed	Status on September 2017
6	Disposal of washery rejects shall be in accordance with the extant policy and guidelines, and environment friendly.	According to the technology of the proposed washery only two products will be generated i.e. Clean Coal and Secondary Product. No rejects will be generated during the operation.
7	Waste Water shall be effectively treated and recycled completely, either for washery or maintenance of green belt around the plant.	Noted, the waste water will be effectively treated and recycled completely for reuse in washery operation and maintenance of green belt around the plant.
8	The assurances given during the Public Hearing and as per the Action Plan formulated by the project proponent should be implemented.	Noted, the assurances given during the Public Hearing and as per the Action Plan formulated will be implemented.
9	Hoppers of the coal crushing unit and washery shall be fitted with high efficiency bag filters or mist spray water sprinkling system and operated effectively at all times of operation to check fugitive emissions from crushing operations, transfer points of closed belt conveyor systems and from transportation roads.	Noted, hoppers of the coal crushing unit and washery will be fitted with high efficiency bag filters or mist spray water sprinkling system and will operate effectively at all times of operation to check fugitive emissions from crushing operations, transfer points of closed belt conveyor systems and from transportation roads.
10	All approach roads shall be black topped and internal roads shall be concreted. The roads shall be regularly cleaned with mechanical sweepers.	Noted, all approach roads will be black topped and internal roads will be concreted. The roads will be regularly cleaned with mechanical sweepers.
11	Records of quantum and ash content of raw coal being washed, and clean coal and coal rejects produced from every batch of washing shall be maintained and details thereof be made available to Ministry whenever directed.	Noted, all the records will be maintained properly and will be made available to Ministry whenever directed.
12	No groundwater shall be used for the Plant Operations. Any additional water requirement envisaged shall be obtained by recycle/reuse of treated effluent and from rainwater harvesting measures.	Noted, no ground water will be used for the Plant Operation. The treated mine water from Tasra OCP will be used as the major water source for plant operation. Any additional water requirement will be obtained by recycle/reuse of treated effluent and from rainwater harvesting measures. Surplus (if any) Mining water from Chasnalla Colliery will also be diverted for use in proposed Washery.



Condt. No.	Conditions Imposed	Status on September 2017
13	Socio-economic and welfare measures for the local communities for the adjoining villages shall be implemented under CSR. Activities under CSR activities to be undertaken for the adjoining villages shall be identified in consultation with the local authorities, the details of status of implementation of CSR and expenditure there on which should be annually updated on the company website.	Noted.
14	Heavy metal content in raw coal, and washed coal shall be analyzed once in a year and records maintained thereof.	Noted,

**B. General Conditions:-**

Condt. No.	Conditions Imposed	Status on September 2017
1	No change in technology and scope of working shall be made without prior approval of the Ministry of Environment, Forests and Climate Change.	Noted
2	Data on ambient air quality (PM10, PM 25, SO2 and NOX) and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly submitted to Regional Office of the Ministry and to the State Pollution Control Board once in six months. Random verification of samples through analysis from independent laboratories recognized under the EPA rules, 1986 shall be furnished as part of compliance report once in a year.	Noted. Monitoring data for the period of April 2017 to September 2017 is attached as Annexure - I
3	Adequate measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in noisy areas like crushers, pumps, conveyors, bath, cyclones etc shall be provided with ear plugs/muffs.	Noise level will be maintained below 85 dBA and workers engaged in noisy areas like crushers, pumps, conveyors, bath, cyclones etc. will be provided with ear plugs/muffs.
4	Industrial waste water shall be properly collected and treated in sedimentation ponds and treated water shall be recycled in washing circuit and other usages. No effluent shall be discharged to surface water bodies	Noted, the waste water will be effectively treated and recycled completely for reuse in washery operation and maintenance of green belt around the plant. No effluent will be discharge to surface water bodies.



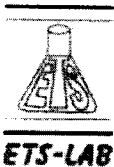
Condt. No.	Conditions Imposed	Status on September 2017
5	Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transporting the mineral shall be covered with tarpaulins and optimally loaded.	Noted, Vehicular emissions will be kept under control and regularly monitored. Vehicles used for transporting the mineral will be covered with tarpaulins and optimally loaded.
6	Monitoring of effluent quality parameters shall be carried out through establishment of adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board and data got analyzed through a laboratory recognized under EPA Rules, 1986.	Noted, when operation gets started, Monitoring of effluent quality parameters will be carried out through establishment of adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board and data got analysed through a laboratory recognised under EPA Rules, 1986.
7	Personnel (Departmental, Outsourced and casual if any) working in industry areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects.	Personnel working in dusty areas will be provided with protective respiratory devices and adequate training and information on safety and health aspects.
8	Occupational Health Surveillance Programme of all workers (Departmental, Outsourced and casual if any) shall be undertaken periodically to observe any ill effect due to exposure to dust and to take corrective measures, if needed and records maintained thereof. The quality of environment due to outsourcing and the health and safety issues of the outsourced manpower should be addressed by the company while outsourcing.	Noted
9	A separate environmental management cell with suitable qualified personnel shall be set up under the control of a Senior Executive, who will report directly to the Head of the company.	Separate Environmental Management Department has been set up and headed by Asst. General Manager, who reports directly to the Head of the Mine. In addition to this, SAIL is having a separate Corporate Environment Management Division (EMD) at Kolkata under the control of Executive Director, who facilitates in environmental management of all SAIL units.
10	The funds earmarked for environmental protection measures shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned	Noted



Condt. No.	Conditions Imposed	Status on September 2017
	Regional Office.	
11	The project authorities shall advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned within seven days of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution control Board and may also be seen at the website of the Ministry of Environment, Forests & Climate Change at <a href="http://envfor.nic.in">http://envfor.nic.in</a> .	Complied. Advertisement was issued in two local newspaper widely circulated around the project.
12	A copy of the environmental clearance letter shall be marked to concern Panchayat/Zila Parishad, Municipal Corporation or Urban local body and local NGO, if any, from whom any suggestion/representation has been received while processing the proposal. A copy of the clearance letter shall also be displayed on company's website.	Compliance has been done as per the EC condition. A copy of clearance letter has also been displayed on the company's web site.
13	An Electronic copy of the environmental clearance letter shall be forwarded to State Pollution Control Board, Regional Office of the Ministry, District Industry Sector and Collector's Office/Tehsildar's Office for its display in public domain for 30 days.	Compliance has been done as per the EC condition.
14	The clearance letter shall be uploaded on the company's website. The compliance status of the stipulated environmental clearance conditions shall also be uploaded by the project authorities on their website and updated at least once every six months so as to bring the same in public domain. The monitoring data of environmental quality parameter (air, water, noise and soil) and critical pollutant such as PM10, PM25, SO2 and NO (ambient) and critical sectoral parameters shall also be displayed at the entrance of the project premises.	Noted.
15	The project proponent shall submit six monthly compliance reports on status of compliance of the stipulated environmental clearance	Noted

Condt. No.	Conditions Imposed	Status on September 2017
	conditions (both in hard copy and in e-mail) to the respective Regional Office of the Ministry and the SPCB.	
16	The Regional Office of this Ministry located in the Region shall monitor compliance of the stipulated conditions. The Project authorities shall extend full cooperation to the office(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	Noted
17	The environmental statement for each financial year ending 31 March in Form —V is mandated to be submitted by the project proponent for the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be uploaded on the company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the MoEF & CC by e-mail.	Noted





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email : etslab2012@gmail.com | Website : www.etslab.asia | Ph.: 9811736063, 9911516076



## TESTREPORT

TESTREPORTNO:ETS/8-8a/04/2017

DATE OF REPORT:20-04-2017

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INDIA

Date Of Sampling

: 16-04-2017

Analysis Start Date

: 18-04-2017

Analysis End Date

: 19-04-2017

Duration Of Sampling

: 16-04-2017 To 17-04-2017 24.0 HOURS

Sample ID No

: 8-8a/04

Sampling Done By

: ETS STAFF

Sampling Location

: CHATBAD (BSIDC LAND, WASHER CORE ZONE)

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

Weather Condition

: CLEAR

Ambient Temperature : 33.5°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Nickel (Ni)	ng/m <sup>3</sup>	0.090	For Annual=20	IS:5182(Part-22)
2	Arsenic (As)	ng/m <sup>3</sup>	N.D.	For Annual=6	IS:5182(Part-22)
3	Mercury (Hg)	µg/m <sup>3</sup>	N.D.	Not Specified	A.A.S. Method
4	Cadmium (Cd)	µg/m <sup>3</sup>	N.D.	Not Specified	A.A.S. Method
5	Cromium (Cr)	µg/m <sup>3</sup>	N.D.	Not Specified	A.A.S. Method

\*\*\*\*End Of Report\*\*\*\*



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Page 1 Of 1

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AUTHORIZED SIGNATORY

Md. Huri

Dy. Quality manager

Format no ETS/LAB/TR-01 Issue No04 dt 01/06/2016 Rev No 03dt 01/06/2016

#### Note:-

1. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.
2. The samples received shall be destroyed after one month from the date of test report issued.
3. The results indicated only refer to the tested samples and listed applicable parameters.
4. Our liability is limited to invoice value only.





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## TESTREPORT

TESTREPORTNO:ETS/8445ba/10-2017

DATEOFREPORT:20-04-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 10-04-2017

Analysis Start Date

: 12-04-2017

Analysis End Date

: 13-04-2017

Duration Of Sampling

: 10-04-2017 To 11-04-2017 24.0HOURS

Sample ID No

: 8445ba

Sampling Done By

: ETS STAFF

Sampling Location

: MOHAN BAZAR

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

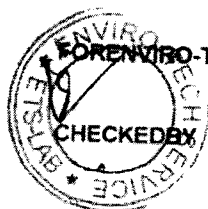
Weather Condition

: CLEAR

Ambient Temperature : 32.5°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters (PM10)	µg/m <sup>3</sup>	83.8	For 24Hrs=100	IS:5182(Part-23)
2	Particulate Matters (PM2.5)	µg/m <sup>3</sup>	49.0	For 24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m <sup>3</sup>	17.2	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m <sup>3</sup>	28.0	For 24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



Format no ETS/LAB/TR-01 Issue No04 dt 01/06/2016 Rev No 03dt 01/06/2016

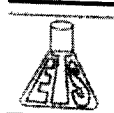
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AUTHORIZED SIGNATORY  
Dy. Quality manager

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ISO 9001/14001/OHSAS 18001  
Acc. No. - M31112041N

## TESTREPORT

TESTREPORTNO:ETS/8445Wa/10-2017

DATEOFREPORT:20-04-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA

M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 11-04-2017

Analysis Start Date

: 13-04-2017

Analysis End Date

: 14-04-2017

Duration Of Sampling

: 11-04-2017 To 12-04-2017 24.0 HOURS

Sample ID No

: 8445Wa

Sampling Done By

: ETS STAFF

Sampling Location

: CHASNALLA

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

Weather Condition

: CLEAR

Ambient Temperature : 32.5°C

S.No. Parameter

Unit

Result

Specification/Limit

Test Method

(As Per CPCB)

1 Particulate Matters(PM10)

µg/m³

81.3

For 24Hrs=100

IS:5182(Part-23)

2 Particulate Matters(PM2.5)

µg/m³

45.0

For 24Hrs.=60

Gravimetric Method

3 Sulphur Dioxide(SO2)

µg/m³

18.4

For 24Hrs.=80

IS:5182(Part-2)

4 Nitrogen Dioxide(NO2)

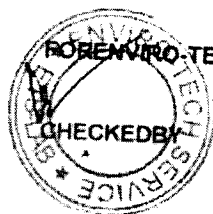
µg/m³

26.7

For 24Hrs.=80

IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



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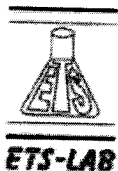
Page 1 Of 1

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AUTHORIZED SIGNATORY  
Dy. Quality manager

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Acc. No.- M31112041N

## TESTREPORT

TESTREPORTNO:ETS/8445Da/10-2017

DATEOFREPORT:20-04-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 12-04-2017

Analysis Start Date

: 14-04-2017

Analysis End Date

: 15-04-2017

Duration Of Sampling

: 12-04-2017 To 13-04-2017 24.0 HOURS

Sample ID No

: 8445Da

Sampling Done By

: ETS STAFF

Sampling Location

: DIGWADIH

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

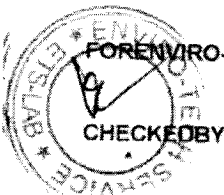
Weather Condition

: CLEAR

Ambient Temperature : 32.5°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters(PM10)	µg/m³	70.2	For 24Hrs=100	IS:5182(Part-23)
2	Particulate Matters(PM2.5)	µg/m³	49.4	For 24Hrs =60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m³	12.8	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m³	24.8	For 24Hrs =80	IS 5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



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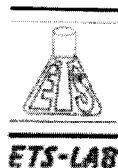
Page 1 Of 1

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AUTHORIZED MONITORIAL  
Dy. Quality manager

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ISO 9001/14001/OHSAS 18001  
Acc. No. - M31112041N

## TESTREPORT

TESTREPORTNO:ETS/8445Wa/10-2017

DATE OF REPORT:20-04-2017

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA

M/S, STEEL AUTHORITY OF INDIA LIMITED,

DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 13-04-2017

Analysis Start Date

: 15-04-2017

Analysis End Date

: 16-04-2017

Duration of Sampling

: 13-04-2017 To 14-04-2017 24.0HOURS

Sample ID No

: 8445Wa

Sampling Done By

: ETS STAFF

Sampling Location

: CHATABAD (BSIDC LAND, WASHERY CORE ZONE)

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

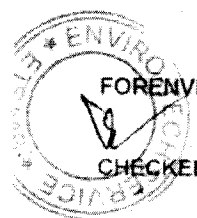
Weather Condition

: CLEAR

Ambient Temperature : 32.5°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters(PM10)	µg/m³	87.3	For24Hrs=100	IS:5182(Part-23)
2	Particulate Matters(PM2.5)	µg/m³	48.2	For24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m³	15.1	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m³	27.0	For24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



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For Enviro-Tech Services

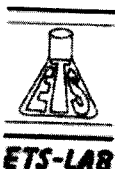
AUTHORIZED SIGNATORY

Md. Humraj

Dy. Quality manager

#### Note:-

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Environmental Monitoring, Testing and Services

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email : etslab2012@gmail.com | Website : www.etslab.asia | Ph.: 9811736063, 9911516076



## TESTREPORT

TESTREPORTNO:ETS/8445Wb/05/10-2017

DATEOFREPORT:20-05-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And-Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 10-05-2017

Analysis Start Date

: 12-05-2017

Analysis End Date

: 13-05-2017

Duration Of Sampling

: 10-05-2017 To 11-05-2017 24.0 HOURS

Sample ID No

: 8445wb/05

Sampling Done By

: ETS STAFF

Sampling Location

: MOHAN BAZAR

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

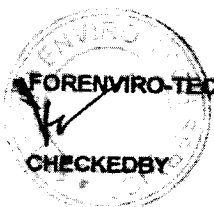
Weather Condition

: CLEAR

Ambient Temperature : 32.5°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters (PM10)	µg/m³	82.3	For24Hrs=100	IS:5182(Part-23)
2	Particulate Matters (PM2.5)	µg/m³	49.4	For24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m³	15.5	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m³	29.3	For24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



Page 1 Of 1

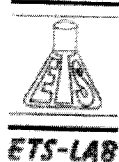
For Enviro-Tech Services

AUTHORIZED SIGNATORY  
Md. Humraj  
Dy. Quality manager

Format no ETS/LAB/TR-01 Issue No04 dt 01/06/2016 Rev No 03dt 01/06/2016

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## TESTREPORT

TESTREPORTNO:ETS/8445wb/05/10-2017

DATEOFREPORT:20-05-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA

M/S, STEEL AUTHORITY OF INDIA LIMITED,

DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 11-05-2017

Analysis Start Date

: 13-05-2017

Analysis End Date

: 14-05-2017

Duration Of Sampling

: 11-05-2017 To 12-05-2017 24.0 HOURS

Sample ID No

: 8445Wb/05

Sampling Done By

: ETS STAFF

Sampling Location

: CHASNALLA

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

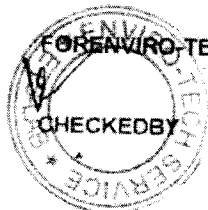
Weather Condition

: CLEAR

Ambient Temperature : 32.5°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters(PM10)	µg/m³	78.2	For24Hrs=100	IS:5182(Part-23)
2	Particulate Matters(PM2.5)	µg/m³	44.0	For24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m³	18.3	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m³	28.0	For24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



Format no ETS/LAB/TR-01 Issue No 04 dt 01/06/2016 Rev No 03 dt 01/06/2016

Page 1 Of 1

For Enviro-Tech Services

AUTHORIZED SIGNATORY

Md. Humayun

Dy. Quality manager

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## TESTREPORT

TESTREPORTNO:ETS/8445wb/05/10-2017

DATEOFREPORT:20-05-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S. STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 12-05-2017

Analysis Start Date

: 14-05-2017

Analysis End Date

: 15-05-2017

Duration Of Sampling

: 12-05-2017 To 13-05-2017 24.0 HOURS

Sample ID No

: 8445wb/05

Sampling Done By

: ETS STAFF

Sampling Location

: DIGWADIH

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

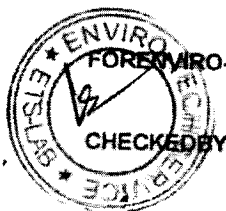
Weather Condition

: CLEAR

Ambient Temperature : 32.5°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters(PM10)	µg/m³	71.2	For24Hrs=100	IS:5182(Part-23)
2	Particulate Matters(PM2.5)	µg/m³	44.8	For24Hrs =60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m³	13.5	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m³	24.0	For24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



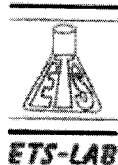
For Enviro-Tech Services

AUTHORIZED SIGNATORY  
Dy. Quality manager

Page 1 Of 1  
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ISO 9001:2008/OHSAS 18001  
Acc. No.- M31112041N

## TESTREPORT

TESTREPORTNO:ETS/8445wb/05/10-2017

DATE OF REPORT:20-05-2017

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 13-05-2017

Analysis Start Date

: 15-05-2017

Analysis End Date

: 16-05-2017

Duration of Sampling

: 13-05-2017 To 14-05-2017 24.0HOURS

Sample ID No

: 8445Wb/05

Sampling Done By

: ETS STAFF

Sampling Location

: CHATABAD (BSIDC LAND , WASHERY CORE ZONE)

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

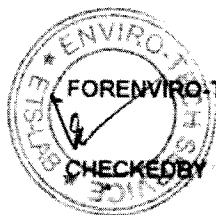
Weather Condition

: CLEAR

Ambient Temperature : 32.5°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters(PM10)	µg/m³	81.3	For24Hrs=100	IS:5182(Part-23)
2	Particulate Matters(PM2.5)	µg/m³	46.5	For24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m³	17.3	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m³	27.2	For24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



Page 1 Of 1

For Enviro-Tech Services

AUTHORIZED SIGNATORY  
Dy. Quality manager

Format no ETS/LAB/TR-01 Issue No 04 dt 01/06/2016 Rev No 03 dt 01/06/2016

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ISO 9001/14001/OHSAS 18001  
Acc. No.- M31112041N

## TESTREPORT

TESTREPORTNO:ETS/99Wc/06/10-2017

DATEOFREPORT:20-06-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 10-06-2017

Analysis Start Date

: 12-06-2017

Analysis End Date

: 13-06-2017

Duration Of Sampling

: 10-06-2017 To 11-06-2017 24.0HOURS

Sample ID No

: 99Wc/06

Sampling Done By

: ETS STAFF

Sampling Location

: MOHAN BAZAR

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

Weather Condition

: CLEAR

Ambient Temperature : 34.1°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters (PM10)	µg/m <sup>3</sup>	85.0	For24Hrs=100	IS:5182(Part-23)
2	Particulate Matters (PM2.5)	µg/m <sup>3</sup>	45.5	For24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m <sup>3</sup>	22.0	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m <sup>3</sup>	28.5	For24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



FORENVIRO-TECHSERVICES

Page 1 Of 1

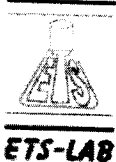
For Enviro-Tech Services

AUTHORIZED SIGNATORY  
Md. Humraj  
Dy. Quality manager

Format no ETS/LAB/TR-01 Issue No04 dt 01/06/2016 Rev No 03dt 01/06/2016

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An Environmental Analytical Laboratory

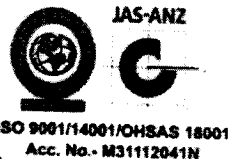
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## TESTREPORT

TESTREPORTNO:ETS/99Wc/06/10-2017

DATEOFREPORT:20-06-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And-Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 11-06-2017

Analysis Start Date

: 13-06-2017

Analysis End Date

: 14-06-2017

Duration Of Sampling

: 11-06-2017 To 12-06-2017 24.0HOURS

Sample ID No

: 99Wc/06

Sampling Done By

: ETS STAFF

Sampling Location

: CHASNALLA

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

Weather Condition

: CLEAR

Ambient Temperature : 34.1°C

S.No. Parameter

Unit

Result

Specification/Limit

Test Method

(As Per CPCB)

1 Particulate Matters(PM10)

µg/m³

82.5

For24Hrs=100

IS:5182(Part-23)

2 Particulate Matters(PM2.5)

µg/m³

38.4

For24Hrs.=60

Gravimetric Method

3 Sulphur Dioxide(SO2)

µg/m³

19.5

For 24Hrs.=80

IS:5182(Part-2)

4 Nitrogen Dioxide(NO2)

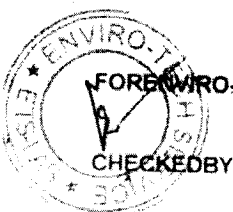
µg/m³

26.4

For24Hrs =80

IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



FOR ENVIRO-TECH SERVICES

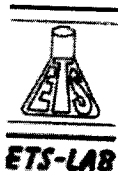
Page 1 Of 1

For Enviro-Tech Services  
AUTHORIZED SIGNATORY  
Md. Humraj  
Dy. Quality manager

Format no ETS/LAB/TR-01 Issue No04 dt 01/06/2016 Rev No 03dt 01/06/2016

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## TESTREPORT

TESTREPORTNO:ETS/99Wc/06/10-2017

DATEOFREPORT:20-06-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 12-06-2017

Analysis Start Date

: 14-06-2017

Analysis End Date

: 15-06-2017

Duration Of Sampling

: 12-06-2017 To 13-06-2017 24.0 HOURS

Sample ID No

: 99Wc/06

Sampling Done By

: ETS STAFF

Sampling Location

: DIGWADIH

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

Weather Condition

: CLEAR

Ambient Temperature : 34.6C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters(PM10)	µg/m <sup>3</sup>	75.2	For24Hrs=100	IS:5182(Part-23)
2	Particulate Matters(PM2.5)	µg/m <sup>3</sup>	44.0	For24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m <sup>3</sup>	16.5	For 24Hrs =80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m <sup>3</sup>	28.5	For24Hrs =80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



Format no ETS/LAB/TR-Q1 Issue No04 dt 01/06/2016 Rev No 03dt 01/06/2016

Page 1 Of 1

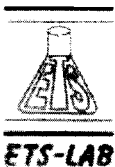
For Enviro-Tech Services

AUTHORIZED SIGNATORY  
Md. Humraj  
Dy. Quality manager

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ISO 9001/14001/OHSAS 18001  
Acc. No. - M31112041N

## TESTREPORT

TESTREPORTNO:ETS/8445Wc/05/10-2017

DATE OF REPORT:20-06-2017

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And-Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 13-06-2017

Analysis Start Date

: 15-06-2017

Analysis End Date

: 16-06-2017

Duration of Sampling

: 13-06-2017 To 14-06-2017 24.0HOURS

Sample ID No

: 8445Wc/06

Sampling Done By

: ETS STAFF

Sampling Location

: CHATABAD (BSIDC LAND , WASHERY CORE ZONE)

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

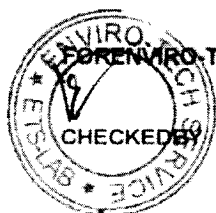
Weather Condition

: CLEAR

Ambient Temperature : 33.9°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters(PM10)	µg/m³	83.5	For24Hrs=100	IS:5182(Part-23)
2	Particulate Matters(PM2.5)	µg/m³	42.7	For24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m³	18.0	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m³	28.7	For24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



ENVIRO-TECHSERVICES

Page 1 Of 1

For Enviro-Tech Services

AUTHORIZED SIGNATORY  
Dy. Quality manager

Format no ETS/LAB/TR-01 Issue No04 dt 01/06/2016 Rev No 03dt 01/06/2016

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ISO 9001/14001/OHSAS 18001  
Acc. No. - M31112041N

## TESTREPORT

TESTREPORTNO:ETS/13W1/07/10-2017

DATEOFREPORT:20-07-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And-Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA

M/S, STEEL AUTHORITY OF INDIA LIMITED,

DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 10-07-2017

Analysis Start Date

: 12-07-2017

Analysis End Date

: 13-07-2017

Duration Of Sampling

: 10-07-2017 To 11-07-2017 24.0 HOURS

Sample ID No

: 13W1

Sampling Done By

: ETS STAFF

Sampling Location

: MOHAN BAZAR

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

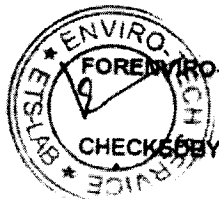
Weather Condition

: CLEAR

Ambient Temperature : 34.1°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters (PM10)	µg/m³	85.3	For24Hrs=100	IS:5182(Part-23)
2	Particulate Matters (PM2.5)	µg/m³	47.2	For24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m³	22.9	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m³	26.1	For24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



ENVIRO-TECHSERVICES

Page 1 Of 1

For Enviro-Tech Services

AUTHORIZED SIGNATORY  
Dy. Quality manager

Format no ETS/LAB/TR-01 Issue No04 dt 01/06/2016 Rev No 03dt 01/06/2016

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ETS-LAB

# ENVIRO-TECH SERVICES

*An Environmental Analytical Laboratory***Environmental Monitoring, Testing and Services**

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email : etslab2012@gmail.com | Website : www.etslab.asia | Ph.: 9811736063, 9911516076



IAS-ANZ

ISO 9001/14001/OHSAS 18001  
Acc. No. - M31112041N

## TESTREPORT

TESTREPORTNO:ETS/13W2/07/10-2017

DATEOFREPORT:20-07-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And-Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S. STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 11-07-2017

Analysis Start Date

: 13-07-2017

Analysis End Date

: 14-07-2017

Duration Of Sampling

: 11-07-2017 To 12-07-2017 24.0HOURS

Sample ID No

: 13W2

Sampling Done By

: ETS STAFF

Sampling Location

: CHASNALLA

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

Weather Condition

: CLEAR

Ambient Temperature : 36.0°C

S.No. Parameter

Unit

Result

Specification/Limit

Test Method

(As Per CPCB)

1	Particulate Matters(PM10)	µg/m³	79.4	For24Hrs=100	IS:5182(Part-23)
2	Particulate Matters(PM2.5)	µg/m³	40.2	For24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m³	22.4	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m³	27.6	For24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



FORENVIRO-TECHSERVICES

Page 1 Of 1

Format no ETS/LAB/TR-01 Issue No04 dt 01/06/2016 Rev No 03dt 01/06/2016

For Enviro-Tech Services

AUTHORIZED SIGNATORY

Md. Humraj

Dy. Quality manager

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## TESTREPORT

TESTREPORTNO:ETS/13W3/07/10-2017

DATEOFREPORT:20-07-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And-Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 12-07-2017

Analysis Start Date

: 14-07-2017

Analysis End Date

: 15-07-2017

Duration Of Sampling

: 12-07-2017 To 13-07-2017 24.0 HOURS

Sample ID No

: 13W3

Sampling Done By

: ETS STAFF

Sampling Location

: DIGWADIH

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

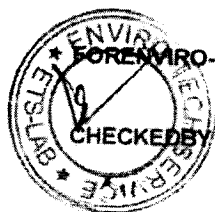
Weather Condition

: CLEAR

Ambient Temperature : 33.6C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters(PM10)	µg/m³	79.0	For24Hrs=100	IS:5182(Part-23)
2	Particulate Matters(PM2.5)	µg/m³	44.0	For24Hrs =60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m³	18.1	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m³	28.7	For24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



FOR ENVIRO-TECH SERVICES

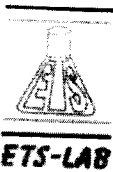
Page 1 Of 1

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For Enviro-Tech Services  
AUTHORIZED SIGNATORY  
Md. Humraj  
Dy. Quality manager

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## TESTREPORT

TESTREPORTNO:ETS/13W4/07/10-2017

DATE OF REPORT:20-07-2017

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA

M/S, STEEL AUTHORITY OF INDIA LIMITED,

DHANBAD, JHARKHAND, INDIA

Date of Sampling

: 13-07-2017

Analysis Start Date

: 15-07-2017

Analysis End Date

: 16-07-2017

Duration of Sampling

: 13-07-2017 To 14-07-2017 24.0HOURS

Sample ID No

: 13W4

Sampling Done By

: ETS STAFF

Sampling Location

: CHATABAD (BSIDC LAND , WASHERY CORE ZONE)

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

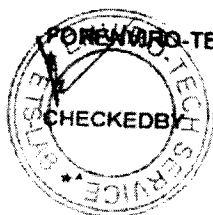
Weather Condition

: CLEAR

Ambient Temperature : 31.9°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters(PM10)	µg/m³	92.3	For24Hrs=100	IS:5182(Part-23)
2	Particulate Matters(PM2.5)	µg/m³	40.4	For24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m³	12.4	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m³	27.0	For24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



Page 1 Of 1

Format no ETS/LAB/TR-01 Issue No04 dt 01/06/2016 Rev No 03dt 01/06/2016

For Enviro-Tech Services

AUTHORIZED SIGNATORY  
Md. Humayun  
Dy. Quality manager

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## TESTREPORT

TESTREPORTNO:ETS/351Wd/08/10-2017

DATEOFREPORT:20-08-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 10-08-2017

Analysis Start Date

: 12-08-2017

Analysis End Date

: 13-08-2017

Duration Of Sampling

: 10-08-2017 To 11-08-2017 24.0 HOURS

Sample ID No

: 351Wd/08

Sampling Done By

: ETS STAFF

Sampling Location

: MOHAN BAZAR

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

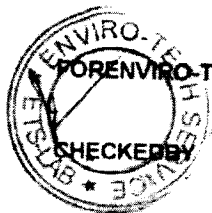
Weather Condition

: CLEAR

Ambient Temperature : 33.3°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters (PM10)	µg/m <sup>3</sup>	82.7	For 24Hrs=100	IS:5182(Part-23)
2	Particulate Matters (PM2.5)	µg/m <sup>3</sup>	42.0	For 24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m <sup>3</sup>	16.0	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m <sup>3</sup>	27.2	For 24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



FOR ENVIRO-TECH SERVICES

Page 1 Of 1

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AUTHORIZED SIGNATORY  
Dy. Quality manager

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## TESTREPORT

TESTREPORTNO:ETS/13Wd/08/10-2017

DATEOFREPORT:20-08-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And-Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 11-08-2017

Analysis Start Date

: 13-08-2017

Analysis End Date

: 14-08-2017

Duration Of Sampling

: 11-08-2017 To 12-08-2017 24.0 HOURS

Sample ID No

: 13Wd/08

Sampling Done By

: ETS STAFF

Sampling Location

: CHASNALLA

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mlr (From Ground)

Weather Condition

: CLEAR

Ambient Temperature : 32.7°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters(PM10)	µg/m³	84.9	For 24Hrs=100	IS:5182(Part-23)
2	Particulate Matters(PM2.5)	µg/m³	44.7	For 24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m³	21.0	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m³	33.4	For 24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*

FORENVIRO-TECHSERVICES

Page 1 Of 1

CHECKEDBY

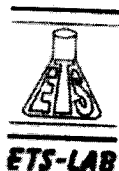
Format no ETS/LAB/TR-01 Issue No04 dt 01/06/2016 Rev No 03dt 01/06/2016

For Enviro-Tech Services

AUTHORIZED SIGNATORY  
Md. Humayun  
Dy. Quality manager

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## TESTREPORT

TESTREPORTNO:ETS/351Wd/08/10-2017

DATEOFREPORT:20-08-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 12-08-2017

Analysis Start Date

: 14-08-2017

Analysis End Date

: 15-08-2017

Duration Of Sampling

: 12-08-2017 To 13-08-2017 24.0 HOURS

Sample ID No

: 351Wd/08

Sampling Done By

: ETS STAFF

Sampling Location

: DIGWADIH

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

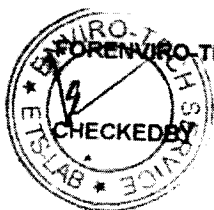
Weather Condition

: CLEAR

Ambient Temperature : 32.4 C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters(PM10)	µg/m <sup>3</sup>	77.3	For 24Hrs=100	IS:5182(Part-23)
2	Particulate Matters(PM2.5)	µg/m <sup>3</sup>	39.4	For 24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m <sup>3</sup>	17.0	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m <sup>3</sup>	28.2	For 24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



Page 1 Of 1

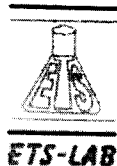
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AUTHORIZED SIGNATORY  
Dy. Quality manager

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## TESTREPORT

TESTREPORTNO:ETS/351Wd/08/10-2017

DATE OF REPORT:20-08-2017

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And-Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 13-08-2017

Analysis Start Date

: 15-08-2017

Analysis End Date

: 16-08-2017

Duration of Sampling

: 13-08-2017 To 14-08-2017 24.0HOURS

Sample ID No

: 351Wd/08

Sampling Done By

: ETS STAFF

Sampling Location

: CHATABAD (BSIDC LAND , WASHERY CORE ZONE)

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

Weather Condition

: CLEAR

Ambient Temperature : 31.9°C

S.No. Parameter

Unit

Result

Specification/Limit  
(As Per CPCB)

Test Method

1 Particulate Matters(PM10)

µg/m<sup>3</sup>

85.3

For 24Hrs=100

IS:5182(Part-23)

2 Particulate Matters(PM2.5)

µg/m<sup>3</sup>

42.1

For 24Hrs.=60

Gravimetric Method

3 Sulphur Dioxide(SO2)

µg/m<sup>3</sup>

19.4

For 24Hrs.=80

IS:5182(Part-2)

4 Nitrogen Dioxide(NO2)

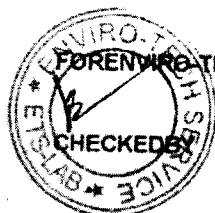
µg/m<sup>3</sup>

28.2

For 24Hrs.=80

IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



Format no ETS/LAB/TR-01 Issue No04 dt 01/06/2016 Rev No 03dt 01/06/2016

Page 1 Of 1

For Enviro-Tech Services

AUTHORIZED SIGNATORY

Dy. Quality manager

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# ENVIRO-TECH SERVICES

An Environmental Analytical Laboratory

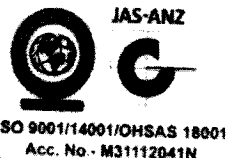
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## TESTREPORT

TESTREPORTNO:ETS/S-05We/09/2017

DATEOFREPORT:20-09-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 10-09-2017

Analysis Start Date

: 12-09-2017

Analysis End Date

: 13-09-2017

Duration Of Sampling

: 10-09-2017 To 11-09-2017 24.0 HOURS

Sample ID No

: S-05We/08

Sampling Done By

: ETS STAFF

Sampling Location

: MOHAN BAZAR

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

Weather Condition

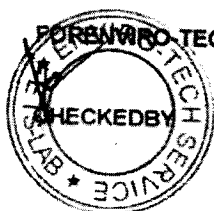
: CLEAR

Ambient Temperature : 32.5 C

S.No. Parameter

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters (PM10)	µg/m³	80.4	For24Hrs=100	IS:5182(Part-23)
2	Particulate Matters (PM2.5)	µg/m³	37.6	For24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m³	18.2	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m³	27.8	For24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



Format no ETS/LAB/TR-01 Issue No04 dt 01/06/2016 Rev No 03dt 01/06/2016

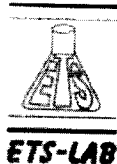
Page 1 Of 1

For Enviro-Tech Services

AUTHORIZED SIGNATORY  
Dy. Quality manager

#### Note:-

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## TESTREPORT

TESTREPORTNO:ETS/S-05We/09/2017

DATEOFREPORT:20-09-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And-Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 11-09-2017

Analysis Start Date

: 13-09-2017

Analysis End Date

: 14-09-2017

Duration Of Sampling

: 11-09-2017 To 11-09-2017 24.0 HOURS

Sample ID No

: S05We/08

Sampling Done By

: ETS STAFF

Sampling Location

: CHASNALLA

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

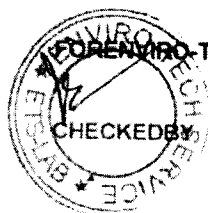
Weather Condition

: CLEAR

Ambient Temperature : 33.7°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters(PM10)	µg/m³	79.3	For24Hrs=100	IS:5182(Part-23)
2	Particulate Matters(PM2.5)	µg/m³	40.4	For24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m³	20.6	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m³	32.0	For24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



ENVIRO-TECHSERVICES

Page 1 Of 1

For Enviro-Tech Services

AUTHORIZED SIGNATORY  
Md. Humraj  
Dy. Quality manager

Format no ETS/LAB/TR-01 Issue No04 dt 01/06/2016 Rev No 03dt 01/06/2016

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email : etslab2012@gmail.com | Website : www.etslab.asia | Ph.: 9811736063, 9911516076



## TESTREPORT

TESTREPORTNO:ETS/S-05We/09/2017

DATEOFREPORT:20-09-2017

### AMBIENT AIRQUALITYMONITORINGANDANALYSISREPORT

Name And-Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 12-09-2017

Analysis Start Date

: 14-09-2017

Analysis End Date

: 15-09-2017

Duration Of Sampling

: 12-09-2017 To 13-09-2017 24.0 HOURS

Sample ID No

: S05We/08

Sampling Done By

: ETS STAFF

Sampling Location

: DIGWADIH

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

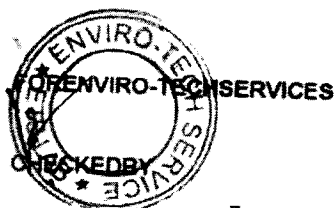
Weather Condition

: CLEAR

Ambient Temperature : 31.5°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters(PM10)	µg/m³	84.3	For 24Hrs=100	IS:5182(Part-23)
2	Particulate Matters(PM2.5)	µg/m³	37.5	For 24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO2)	µg/m³	17.2	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO2)	µg/m³	23.7	For 24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



Page 1 Of 1

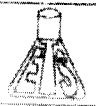
For Enviro-Tech Services

AUTHORIZED SIGNATORY  
By Quality manager

Format no ETS/LAB/TR-01 Issue No04 dt 01/06/2016 Rev No 03dt 01/06/2016

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ISO 9001/14001/OHSAS 18001  
Acc. No.- M31112041N

## TESTREPORT

TESTREPORTNO:ETS/S-05We/09/2017

DATE OF REPORT:20-09-2017

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INIDA

Date of Sampling

: 16-09-2017

Analysis Start Date

: 18-09-2017

Analysis End Date

: 19-09-2017

Duration of Sampling

: 16-09-2017 To 18-09-2017 24.0HOURS

Sample ID No

: S-05We/09

Sampling Done By

: ETS STAFF

Sampling Location

: CHATABAD (BSIDC LAND, WASHERY CORE ZONE)

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

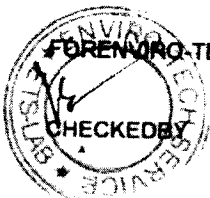
Weather Condition

: CLEAR

Ambient Temperature : 34.7°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Particulate Matters(PM10)	µg/m <sup>3</sup>	90.4	For 24Hrs=100	IS:5182(Part-23)
2	Particulate Matters(PM2.5)	µg/m <sup>3</sup>	42.3	For 24Hrs.=60	Gravimetric Method
3	Sulphur Dioxide(SO <sub>2</sub> )	µg/m <sup>3</sup>	16.0	For 24Hrs.=80	IS:5182(Part-2)
4	Nitrogen Dioxide(NO <sub>2</sub> )	µg/m <sup>3</sup>	29.4	For 24Hrs.=80	IS:5182(Part-6)

\*\*\*\*End Of Report\*\*\*\*



FOR ENVIRO-TECHSERVICES

Page 1 Of 1

For Enviro-Tech Services

  
 AUTHORIZED SIGNATORY  
 Dy. Quality manager

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## TESTREPORT

TESTREPORTNO:ETS/8-9we/10-2017

DATE OF REPORT:20-09-2017

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address Of Customer

: PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED,  
DHANBAD, JHARKHAND, INDIA

Date Of Sampling

: 17-09-2017

Analysis Start Date

: 19-09-2017

Analysis End Date

: 20-09-2017

Duration Of Sampling

: 17-09-2017 To 18-09-2017 24.0 HOURS

Sample ID No

: 8-9we/09

Sampling Done By

: ETS STAFF

Sampling Location

: CHATBAD (BSIDC LAND. WASHER CORE ZONE)

Sampling Method

: ETS/STP/AIR-01

Sampling Machine Placed At Height

: 3.5mtr (From Ground)

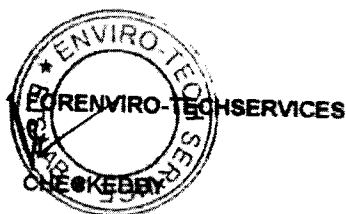
Weather Condition

: CLEAR

Ambient Temperature : 32.3°C

S.No.	Parameter	Unit	Result	Specification/Limit (As Per CPCB)	Test Method
1	Nickel (Ni)	ng/m <sup>3</sup>	0.098	For Annual=20	IS:5182(Part-22)
2	Arsenic (As)	ng/m <sup>3</sup>	N.D.	For Annual=6	IS:5182(Part-22)
3	Mercury (Hg)	µg/m <sup>3</sup>	N.D.	Not Specified	A.A.S. Method
4	Cadmium(Cd)	µg/m <sup>3</sup>	N.D.	Not Specified	A.A.S. Method
5	Cromium (Cr)	µg/m <sup>3</sup>	N.D.	Not Specified	A.A.S. Method

\*\*\*\*End Of Report\*\*\*\*



Page 1 Of 1

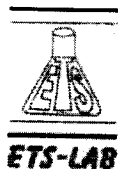
For Enviro-Tech Services

AUTHORIZED SIGNATORY  
Dy. Quality manager

Format no ETS/LAB/TR-01 Issue No04 dt 01/06/2016 Rev No 03dt 01/06/2016

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## TEST REPORT

TEST REPORT NO : ETS/S-06ZB-1/09/2017

DATE OF REPORT : 17-09-2017

### WATER SAMPLE ANALYSIS REPORT

Name And Address Of Customer : PIT HEAD COKING COAL WASHERY OF 3.5 MTPA  
M/S, STEEL AUTHORITY OF INDIA LIMITED, PO-CHASNALA, DHANBAD, JHARKHAND, INDIA

Date of Sampling : 10-09-2017  
Analysis Start Date : 13-09-2017  
Analysis End Date : 17-09-2017  
Sampling ID No. : S-06ZB-1  
Sampling Done By : ETS STAFF  
Sampling Description : GROUND WATER  
Sampling Location : BORE WELL  
Sampling Method : ETS/STP/WATER-02  
Sampling Quantity : 2.0+0.5 LI  
Packing Condition : SEALED  
Packed In : PVC CANE AND GLASS

S.No.	Parameter	Unit	Result	Drinking Water Standards / Limit (IS :10500-2012)		Test Method
				Desirable Limit	Permissible Limit	
1	Colour	Hazen	<5.0	5	15	IS: 3025 (Pt-4)
2	Odour	--	Agreeable	Agreeable	Agreeable	IS: 3025 (Pt-5)
3	Taste	--	Agreeable	Agreeable	Agreeable	IS: 3025 (Pt-8)
4	pH	--	7.18	6.5 - 8.5	No Relaxation	IS: 3025 (Pt-11)
5	Total Hardness (CaCO <sub>3</sub> )	mg/L	448.2	200	600	IS: 3025 (Pt-21)
6	Iron (Fe)	mg/L	<0.05	0.3	No Relaxation	IS: 3025 (Pt-53)
7	Chloride (Cl)	mg/L	116.2	250	1000	IS: 3025 (Pt-32)
8	Free Residual Chlorine (RFC)	mg/L	<0.2	0.2	1	IS: 3025 (Pt-26)
9	Total Dissolved Solids (TDS)	mg/L	1340.2	500	2000	IS: 3025 (Pt-16)
10	Calcium (Ca)	mg/L	122.5	75	200	IS: 3025 (Pt-40)
11	Magnesium (Mg)	mg/L	32.5	30	100	IS: 3025 (Pt-45)
12	Copper (Cu)	mg/L	N.D	0.05	1.5	APHA-3111 (B)
13	Manganese (Mn)	mg/L	<0.05	0.1	0.3	APHA-3111 (B)
14	Sulphate (SO <sub>4</sub> )	mg/L	28.2	200	400	IS: 3025 (Pt-24)
15	Nitrate (NO <sub>3</sub> )	mg/L	1.80	45	No Relaxation	IS: 3025 (Pt-34)
16	Fluoride (F)	mg/L	<1.0	1	1.5	IS: 3025 (Pt-60)
17	Cadmium (Cd)	mg/L	N.D	0.003	No Relaxation	APHA-3111 (B)

FOR ENVIRO-TECH SERVICES

Page 1 Of 2

For Enviro-Tech Services

CHECKED BY

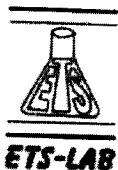
AUTHORIZED SIGNATORY

Dy. Quality manager

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## TEST REPORT

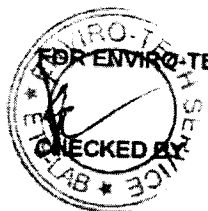
TEST REPORT NO : ETS/S-06ZB-1/09/2017

DATE OF REPORT : 17-09-2017

### WATER SAMPLE ANALYSIS REPORT

18	Selenium (Se)	mg/L	N.D	0.01	No Relaxation	APHA-3113 (B)
19	Arsenic (As)	mg/L	N.D	0.01	0.05	APHA-3500 (B)
20	Lead (Pb)	mg/L	N.D	0.01	No Relaxation	APHA-3111 (B)
21	Zinc (Zn)	mg/L	N.D	5	15	APHA-3111 (B)
22	Chromium (Cr+6)	mg/L	N.D	0.05	No Relaxation	APHA-3500 Cr-B
23	Total Alkalinity	mg/L	230.0	200	600	APHA-2520 (B)
24	Aluminium (Al)	mg/L	N.D	0.03	0.2	APHA-3500 (B)
25	Boron (B)	mg/L	<0.05	0.5	1	APHA-4500 (B)
26	Ammonia (Total Ammonia-N)	mg/L	N.D	0.5	No Relaxation	APHA-4500 (C)
27	Barium (Ba)	mg/L	N.D	0.1	No Relaxation	APHA-3111 (D)
28	Nickel (Ni)	mg/L	N.D	0.02	No Relaxation	APHA-3111 (B)
29	E.Coli	-	Absent	Shall Not Be Detectable	.....	IS 1622-1981
30	Total Coliform	MPN/100 ml	Absent	Shall Not Be Detectable	.....	IS 1622-1981
31	Silver (Ag)	mg/L	N.D.	0.1	No relaxation	APHA-3111 (B)
32	Total Chromium ( as Cr)	mg/L	N.D.	0.05	No Relaxation	APHA-3500 Cr-C

\*\*\*\* End Of Report\*\*\*\*



FOR ENVIRO-TECH SERVICES

Page 2 Of 2

For Enviro-Tech Services

*[Signature]*  
Md. HIR  
DIRECTOR/QUALITY MANAGER

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# भारत का

## The Gazette of India



असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—अ-खण्ड (iii)

PART II—Section 3—Sub-section (iii)

प्रकाशित से प्रकाशित

PUBLISHED BY AUTHORITY

नई दिल्ली, बुधवार, जून 3, 2016/ज्येष्ठ 13, 1938

NEW DELHI, FRIDAY, JUNE 3, 2016/JYAISTHA 13, 1938

प्रकाशित, वन एवं जलवायु परिवर्तन मंत्रालय

अधिपक्षधन

नई दिल्ली, 2 जून, 2016

का.आ. 1953(अ).—केंद्रीय सरकार के माध्यम से अधिनियम (अ.सं. 1986) के नियम 10 प्रकाशित

(अ.सं. 1986) अधिनियम, 1986 का 29) की धारा 12 की उपधारा (1) के खंड (ख) और धारा 13 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए और भारत सरकार के वित्तीय मंत्रालय की अधिसूचना सं. का.आ. 1174(अ), तारीख 18 जुलाई, 2007 से निम्नलिखित संशोधन और करी है, अर्थात्:—

उक्त अधिसूचना में मूलन गलतियाँ हैं,—

(क) क्रम संख्यांक 5, 9, 13 से 15, 20, 79, 80 और 83 से 85 तथा उनसे संबंधित परिवर्तनों के स्थान पर निम्नलिखित क्रमशः क्रम संख्यांक और परिवर्तित गलतियाँ, अर्थात्:—

(1)	(2)	(3)	(4)
5	संघी विमर्श लेखन निमित्त 142 आई सी ए, फस - 2, बरालापरवट, देवरागढ़, आंध्रप्रदेश-500051	(1) ए. गुप्ता रेड्डी मालामपति, (2) श्री एस की श्रीनिवास रेड्डी, (3) श्री अरुणी बहा रमेश कुमार	02.06.2016 से 01.06.2021
14	संघी अग्रिम हेतु निमित्त एवं कमलदेव, सर्व म. 102, प्लॉट नं. 26, बराला परासी रोड, बंदिग बंगल, गोलिफ, महाराष्ट्र - 422009	(1) सुनी अर्पणा सुनीन पारंडे, (2) सुनी गणेश सुनीन प्रकाश बाबल (3) श्री निरंज अर्जुन साठवदनकर	02.06.2016 से 01.06.2021
20	संघी पत्राचार हेतु निमित्त ए. लि., 544, बलिबयम टावर, रिम रोड, त्रिनिगर बस स्टैंड के पीछे, मुंबई, गुजरात-395006	(1) ए. अरुण कुमार बाबलदेव (2) श्री देवान मधुकर गोष्ठी (3) श्री देवान मधुकर गोष्ठी	02.06.2016 से 01.06.2021
84	संघी इंटरनेट कोरपोरेशन ए. लि., 3 तल, के जी बंगला, गुजरात समाचार भवन के पीछे, रिम रोड, मुंबई, गुजरात - 395002	(1) श्री अर्पित वन कल्या निनीस (2) श्री आसक्ति आशिष कुमार (3) सुनी दिव्यालक्ष्मी और पटेल बाबलबाबल	02.06.2016 से 01.06.2021

134	संसद इन्फार्मेटिक सर्विसिज, सी-232, एम सी रोड इंडस्ट्रीयल एरिया, होशियर, गालियाबाद, उत्तर प्रदेश	(1) श्री मंडिर अनवर (2) श्री महम्मद हमराज (3) श्री मजबुब सिद्दिकी होशियर	02.06.2016 से 01.06.2021
135	ममम इन्फार्मेटिक डेप्टमेंट डेप्टमेंट एंड मफ्टी प्रमोशन एंड इन्फार्मेटिक सेक्टर, पॉलिटिक्स-2, ब्लॉक सं. 457, कानावाडी इंडस्ट्रीयल एरिया, आटा नगर, बल्लाम, कर्नाटक-590015	(1) श्री मधु कुमार सी (2) श्री आर्देगुप्पा चौगुले (3) श्री श्रीधर कुमार डी. एम.	02.06.2016 से 01.06.2021
136	संसद यूनीवर्सल एनोलीटीकल डेव. सेक्टर 4 ए के पीछे, नियर कल्या जीवांग मोहना रोड, आरहेरा, निवाडी, हरियाणा-123106	(1) श्री वलवान सिंह (2) श्री विनय दीदीन (3) श्री अजीत सिंह	02.06.2016 से 01.06.2021
137	संसद इन्फार्मेटिक क्वार डेप्टमेंट, निमित्त, सं. 43, मेकड स्ट्रीट, इन्वे नगर, मद्रा, तमिलनाडु- 625016	(1) श्री जी मनीमय (2) डा. एम राजामोहन (3) श्री के जयश	02.06.2016 से 01.06.2021
138	संसद फंड डेवेलपमेंट डेप्टमेंट लेबोरेटरीम, ए-607-613, 5वां नम और ए-512-513, 4 नम मेगा सेक्टर, मयपुरा, सीलापुर रोड, हरियाणा, पृथी, माहाराष्ट्र- 411013	(1) श्री रोहन देवगुडे (2) सुधी जीमा मनीश बाबडे (3) सुधी सुममा महेश और	02.06.2016 से 01.06.2021
139	संसद गणेश एंड कमनवेल्थी एनोलीटीकल सर्विसिज, 294 ए, इन्वेल इंडस्ट्रीयल एरिया, मंगूर, कर्नाटक- 570016	(1) श्री बी. एम. सुधाप (2) श्री पी. एम. रवि कुमार (3) श्री ए पी अनरा	02.06.2016 से 01.06.2021
140	संसद निवा एम के ए. निमित्त, सी-48, उद्यान इंडस्ट्रीयल एस्टेट, 3, पालादिया रोड, कोलकाता, पश्चिम बंगाल - 700015	(1) सुधी मीमसी सेन गुमा (2) सुधी मंदिरा दास (3) श्री सुदीप सुबुदी	02.06.2016 से 01.06.2021
141	संसद माइन इन्फार्मेटिक ए. निमित्त, ब्लॉक सं. 203, डा. सं. 5-36/203, गंगाजीनगर, कोकनपल्ली आर्ट सी ए, हैदराबाद, आंध्र प्रदेश-500072	(1) श्री बी अर्जुनिया (2) श्रीमति शाणा लकमोदेवी (3) श्री पी हेमि प्रसाद	02.06.2016 से 01.06.2021
142	संसद बोल्डम डेप्टमेंट, (इन्फार्मेटिक एंड कौमीकल लेबोरेटरी), ई-102, मेगार इंडस्ट्रीयल एरिया, माडी, पी सी सं. 21, उदयपुर राजस्थान-313003.	(1) डा. मनीष कुमार यादव (2) श्री विजय राय (3) श्री निवेश कुमार कुमावत	02.06.2016 से 01.06.2021
143	संसद अतिरिक्त एनोलीटीकल लेबोरेटरी ए. निमित्त, 272 से-57, फस - 4, एम एम आर्ट सी सी-कुडली, जिला सोनीपत, हरियाणा-131028	(1) श्री बीरेंद्र सिंह राजवर (2) श्री आर्जुन श्रीवास्तव (3) श्रीमति वंदना मिश्रा	02.06.2016 से 01.06.2021





# NABL

## National Accreditation Board for Testing and Calibration Laboratories

(An Autonomous Body under Department of Science & Technology, Govt. of India)

### CERTIFICATE OF ACCREDITATION

## ENVIRO-TECH SERVICES

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2005**

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

G-232, M.G. Road, Industrial Area, Hapur, Uttar Pradesh

in the discipline of

**CHEMICAL TESTING**

(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Certificate Number T-3594

Issue Date 24/09/2015



Valid Until 23/09/2017

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the additional requirements of NABL.

Signed for and on behalf of NABL

N. Venkateswaran  
Program Manager

Anil Relia  
Director

Prof. S. K. Joshi  
Chairman