



मेकॉन लिमिटेड (भारत सरकार का संस्थान)
MECON LIMITED (A GOVERNMENT OF INDIA ENTERPRISE)



प्रधान कार्यालय (Head Office) : राँची-2, झारखण्ड, भारत, Ranchi-2, Jharkhand, India, फोन/Phone : 0651-2483000, फैक्स/Fax : 0651-2482189/2482214
ई-मेल/E-mail : ranchi@meconlimited.co.in, वेबसाइट/Website : http:// www.meconlimited.co.in
CIN No. : U74140JH1973GOI001199

No.11.S2.Q78Y.02.2.02

Dated: 13.06.2016

M/s Usha Martin Limited
(Captive Power Plant)
Tatisilwai
Ranchi – 835 103
JHARKHAND

Sub.: Ambient air quality & stack emission monitoring report for 4th quarter.

Ref.: Purchase order no. PP/30011/15-16 dated 20.07.2015

Dear Sir,

Please find enclosed herewith the ambient air quality & stack emission monitoring report as annexure – I & II respectively. The relevant standards as applicable are indicated in the reports.

Thanking you and assuring you of our best services at all times.

Yours faithfully,
for **MECON LIMITED**

(Dr. Balbir Singh)
Dy. General Manager
Env. Engg. Section

Major Offices:

नई दिल्ली/New Delhi
+91-11-2204 1201 (Phone)
+91-11-2204 1214 (Fax)
delhi@meconlimited.co.in

मुम्बई/Mumbai
+91-22-2781 2155-58 (Phone)
+91-22-2781 2275 (Fax)
mumbai@meconlimited.co.in

कोलकाता/Kolkata
+91-33-2282 2381-82 (Phone)
+91-33-2282 4441 (Fax)
kolkata@meconlimited.co.in

चेन्नई/Chennai
+91-44-2618 4873 (Phone)
+91-44-2618 4874 (Fax)
chennai@meconlimited.co.in

बेंगलुरु/Bangalore
+91-80-2657 1661-63 (Phone)
+91-80-2657 6352 (Fax)
bangalore@meconlimited.co.in



मेकॉन लिमिटेड, राँची - 834002
MECON LIMITED, RANCHI - 834002

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Annexure - I
Sheet 1 of 1

AMBIENT AIR MONITORING REPORT

Project : M/s Usha Martin Limited (CPP), Tatisilwai.
Date of Monitoring : 02.06.2016 to 03.06.2016
Duration of Sampling : 24 hour

Sl. No.	Location	Parameter	Result s $\mu\text{g}/\text{m}^3$	Remarks
1.	CPP - Main Gate	Particulate Matter ($<10\mu\text{m}$) or PM10 Particulate Matter ($<2.5\mu\text{m}$) or PM2.5 Sulphur Dioxide (SO_2) Nitrogen Oxides (NO_x) Carbon Monoxide (CO) (1 Hourly)	87 36 5.4 16 517	
2.	Residential Quarter	Particulate Matter ($<10\mu\text{m}$) or PM10 Particulate Matter ($<2.5\mu\text{m}$) or PM2.5 Sulphur Dioxide (SO_2) Nitrogen Oxides (NO_x) Carbon Monoxide (CO) (1 Hourly)	80 32 10 26 698	
3.	Near SLF	Particulate Matter ($<10\mu\text{m}$) or PM10 Particulate Matter ($<2.5\mu\text{m}$) or PM2.5 Sulphur Dioxide (SO_2) Nitrogen Oxides (NO_x) Carbon Monoxide (CO) (1 Hourly)	72 26 6 11 808	

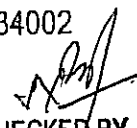
BDL denotes Below Detection Limit for $\text{NO}_x < 10 \mu\text{g}/\text{m}^3$ & for $\text{SO}_2 < 4 \mu\text{g}/\text{m}^3$

Norms : National Ambient Air Quality Standards as per CPCB vide notification dated 18th November, 2009 for Industrial, Residential, Rural and other area as follows :

PM10, 24 hrs. average : 100 $\mu\text{g}/\text{m}^3$
PM2.5, 24 hrs. average : 60 $\mu\text{g}/\text{m}^3$
 NO_x , 24 hrs. average : 80 $\mu\text{g}/\text{m}^3$
 SO_2 , 24 hrs. average : 80 $\mu\text{g}/\text{m}^3$
CO, 1 hr. average : 4,000 $\mu\text{g}/\text{m}^3$

ENVIRONMENTAL ENGLABORATORY
MECON RANCHI-834002


ANALYSED BY


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