







# PRAGATHI LABS & CONSULTANTS PVT.LTD.

(LAB RECOGNISED BY MINISTRY OF ENVIRONMENT & FORESTS, GOVT. OF INDIA)

(ISO 9001:2008, OHSAS 18001:2007)

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## TEST REPORT

### Issued to

Anjani Portland Cement Ltd.  
Gudimalkapuram Village  
Mellacheruvu Mandal  
Nalgonda District  
Phone No. 08683 230168  
Fax. 08683 230024

Kind attention to: *Mr. N. Venkat Raju, (GM-Works)*

Date of Registration	05 <sup>th</sup> & 06 <sup>th</sup> , Sep. 2015	Date of reporting	09 <sup>th</sup> September, 2015
Sample particulars	Ambient Air Quality, No. of samples 5 (Five), Duration of Sampling 24 hrs		
Instrument used	PM 2.5 FDS, Make Instrumex Model No. IPM-FDS 2.5 $\mu$ /10 $\mu$		
Test required	PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> , NO <sub>2</sub> and CO		
Method of analysis	IS: 5182	Page No.	3 of 9

### Ambient Air Quality (Pit No.3)

Location	Date of Monitoring	Concentration ( $\mu\text{g}/\text{m}^3$ )				CO mg/m <sup>3</sup>
		PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	
Near haul road	05 <sup>th</sup> Sep., 2015	66	39	10.5	15.0	1.3
Near loading area	05 <sup>th</sup> Sep, 2015	75	48	11.9	16.7	1.5
Drilling area	06 <sup>th</sup> Sep, 2015	73	43	12.8	15.9	1.8
Near school	06 <sup>th</sup> Sep, 2015	52	35	9.3	13.6	0.7
Anjani colony	06 <sup>th</sup> Sep., 2015	61	41	11.2	11.8	1.1

### National Ambient Air Quality Standards

AREA	Concentration ( $\mu\text{g}/\text{m}^3$ )				CO (mg/m <sup>3</sup> )
	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	CO
Industrial area/ Rural area	100	60	80	80	4

*N. Venkat Raju*  
Analyst Signature

*Pragathi Labs*  
Authorized Signature

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