



### Ambient Air Quality Monitoring Report

REPORT NO.	IPL / Tellus – 632		Date: 20 / 08 / 2020
Name and Address	M/S. ALLIED PRODUCTS F-40 & F-41, Gokul Shirgao MIDC, Kolhapur		Order Reference : As per the Work Order No. –
Sample Description / Type	AMBIENT AIR	Sample Collected by	Tellus Cura Environmental Consultant
Sampling Location	(A1) NEAR MAIN GATE	Sample Quantity / Packing	1 X 1 No. G F Filter Paper 1 X 1 No. PTFE Filter Paper 25 ml X 4 No. PVC Bottle
Date of Sampling & Duration	14 / 08 / 2020	Date of Sample Receipt	15 / 08 / 2020
Sampling Procedure	IS: 5182 (Part-4), 1999 1 <sup>st</sup> Revision, IS: 5182 (Part-2) 2001, IS: 5182 (Part-6) 2006, 1 <sup>st</sup> Revision, Manual of RESPIRABLE DUST SAMPLER, MAKE – ENVIROTECH, SR. NO. 1, ID NO. IPL/RSPM – 1/060		
Date of Start of Analysis	16 / 08 / 2020	Date of completion of Analysis	19 / 08 / 2020

Sr. No.	Parameter	Results	Unit	Standards as per The Environment (Protection) Rules, 1986	Method Reference
1	SUSPENDED PARTICULATE MATTER	62.50	µg / m <sup>3</sup>	Not to Exceed 100	IS: 5182 (Part-23), 2006, Manual of Envirotech Instruments Pvt. Ltd
2	PARTICULATE MATTER (SIZE LESS THAN 10 µm)	19.40	µg / m <sup>3</sup>	Not to Exceed 100	IS: 5182 (Part-23), 2006, Manual of Envirotech Instruments Pvt. Ltd
3	SULPHUR DI-OXIDE.	03.07	µg / m <sup>3</sup>	Not to Exceed 80	IS: 5182 (Part-2), 2001, 1 <sup>st</sup> Revision, Manual of Envirotech Instruments Pvt. Ltd.
4	NITROGEN DIOXIDE	06.10	µg / m <sup>3</sup>	Not to Exceed 80	IS: 5182 (Part-6), 2006, 1 <sup>st</sup> Revision, Manual of Envirotech Instruments Pvt. Ltd.

Calibration Record					
Sr. No.	Name of Instrument	Lab ID No.	Certificate No.	Calibration Valid Upto	Name of Calibration Agency
1	Electronic Balance	IPL/EWB/04	250806	19/08/2021	Vijayesh Instruments Pvt. Ltd.
2	Respirable Dust Sampler - 1	IPL/RSPM-1/060	EIPL/RDS/19-20/710	10/11/2020	Envirotech Instruments Pvt. td.
3	Respirable Dust Sampler - 2	IPL/RSPM-1/061	EIPL/RDS/19-20/711	10/11/2020	
4	Respirable Dust Sampler - 3	IPL/RSPM-1/062	EIPL/RDS/19-20/712	10/11/2020	
5	Respirable Dust Sampler - 4	IPL/RSPM-1/063	EIPL/RDS/19-20/713	10/11/2020	
6	Respirable Dust Sampler - 5	IPL/RSPM-1/089	EIPL/RDS/19-20/714	10/11/2020	
7	Respirable Dust Sampler - 6	IPL/RSPM-1/090	EIPL/RDS/19-20/715	10/11/2020	

  
Authorised Signatory  
(Mr. Sanjeev Katariya, Technical Manager)

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UNDER E.P. ACT 1986, VIDE GR NO. 2850 (E) SR. NO. 102

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**12750**



## Stack Emission Monitoring Report

REPORT NO.	IPL / Tellus – 633		Date: 20 / 08 /2020
Name and Address	M/S. ALLIED PRODUCTS F-40 & F-41, Gokul Shirgao MIDC, Kolhapur		Order Reference: As per the Work Order No. –
Sample Description / Type	STACK EMISSION	Sample Collected by	Tellus Cura Environmental Consultant
Sampling Location	STACK MAIN (S1)	Sample Quantity/Packing	1 X 1 No. Thimbles 25 ml X 4 No. PVC Bottle
Date of Sampling	14 / 08 / 2020	Date of Sample Receipt	14 / 08 / 2020
Sampling Procedure	IS: 11255 (Part-I), 1985, 11255 (Part-II), 1985, Instrument Manual of M/s. Vayubodhan LTD. Lab. ID No. IPL / SMK / 057.		
Date of Start of Analysis	16 / 08 / 2020	Date of completion of Analysis	19 / 08 / 2020

SR	PARAMETER	UNIT	RESULTS	LIMITS AS PER MPCB CONSENT	METHOD OF ANALYSIS
1	MATERIAL OF STACK	--	MS	--	--
2	SHAPE OF STACK	--	Round	--	--
3	STACK HEIGHT	Mtr.	17	--	--
4	STACK DIAMETER	mm	400	--	--
5	TEMPERATURE OF FLUE GAS	Deg. C.	318	--	IS: 11255 (Part-I), 1985, Instrument Manual of M/s. Vayubodhan
6	STACK AREA	M <sup>2</sup>	0.042	--	
7	DIFFERENTIAL PRESSURE	mmWG	0.45	--	
8	EXIT GAS VELOCITY	m/Sec.	3.06	--	
9	TOTAL PARTICULATE MATTER	mg / Nm <sup>3</sup>	74.60	≤100	
10	SULPHUR DI-OXIDE	Kg/day	04.10	< 38	Barium Perchlorate - Thorium Method, IS: 11255 (Part-II), 1985, Instrument Manual of M/s. Vayubodhan
10	Oxides of Nitrogen (NOx)	mg / Nm <sup>3</sup>	1.20	--	EPA Method & Manual of Vayubodhan Pvt. Ltd.

### Calibration Record

Sr. No.	Name of Instrument	Lab ID No.	Certificate No.	Calibration Valid Upto	Name of Calibration Agency
1	Electronic Balance	IPL/EWB/04	250806	19/08/2021	Vijayesh Instruments Pvt. Ltd.
2	Stack Monitoring Kit	IPL/SMK/057	458/19-20	31/12/2020	Vayubodhan Upkaran Pvt. Ltd.
3	Stack Monitoring Kit	IPL/SMK-2/078	459/19-20	31/12/2020	

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**12751**



## Ambient Noise Pollution Monitoring Report (DAY TIME)

REPORT NO.	IPL / Tellus – 634		Date: 20 / 08 / 2020
Name and Address	M/S. ALLIED PRODUCTS F-40 & F-41, Gokul Shirgao MIDC, Kolhapur		Order Reference: As per the Work Order No. –
Sample Description / Type	NOISE	Sample Collected by	Tellus Cura Environmental Consultant
Sampling Location	INSIDE FACTORY	Time of Sampling	13.00
Date of Sampling	14 / 08 / 2020	Date of Sample Receipt	14 / 08 / 2020
Sampling Procedure	INSTRUMENT MANUAL OF SOUND LEVEL METER - 2, MAKE – MASTECH, LAB ID NO. IPL/ NM / 053		

SR	LOCATION	SOUND LEVEL IN dB ( A )	
		RESULT	LIMITS PRESCRIBED BY MPCB
1.	Working Premises	60.1	75 dBA during day time between 6 a.m. to 10 p.m.
2.	Near Main Gate	56.3	

**REFERENCE USED – MPCB COSENT CONDITIONS.**

Calibration Record					
Sr. No.	Name of Instrument	Lab ID No.	Certificate No.	Calibration Valid Upto	Name of Calibration Agency
1	Digital Sound Level Meter	IPL/NM/052	AACPL/M/SLM/170520.6.2	20/05/2023	A A CALIBRATION PVT.LTD.

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## Ambient Noise Pollution Monitoring Report (NIGHT TIME)

REPORT NO.	IPL / Tellus - 635		Date : 20 / 08 / 2020
Name and Address	M/S. ALLIED PRODUCTS F-40 & F-41, Gokul Shirgao MIDC, Kolhapur		Order Reference: As per the Work Order No. -
Sample Description / Type	NOISE	Sample Collected by	Tellus Cura Enviro Pvt.Ltd.
Sampling Location	INSIDE FACTORY	Time of Sampling	22.30
Date of Sampling	14 / 08 / 2020	Date of Sample Receipt	14 / 08 / 2020
Sampling Procedure	INSTRUMENT MANUAL OF SOUND LEVEL METER - 2, MAKE - MASTECH, LAB ID NO. IPL/ NM / 053		

SR	LOCATION	SOUND LEVEL IN dB ( A )	
		RESULT	LIMITS PRESCRIBED BY MPCB
1.	Working Premises	57.3	70 dBA during Night time between 10 p.m. to 6 a.m.
2.	Near Main Gate	50.4	

**REFERENCE USED - MPCB COSENT CONDITIONS.**

Calibration Record					
Sr. No.	Name of Instrument	Lab ID No.	Certificate No.	Calibration Valid Upto	Name of Calibration Agency
1	Digital Sound Level Meter	IPL/NM/052	AACPL/M/SLM/170520.6.2	20/05/2023	A A CALIBRATION PVT.LTD.

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