

AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/08/24/0120	Report No. AA/08/24/0120	Report Date	14/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near ETP	Date - Sampling	08/08/2024 to 09/08/2024
Sample Quantity / Packing	PM ₁₀ , Bap, Metals: 1 x 3 no. filter paper PM _{2.5} : 1 x 1 no. filter paper SO ₂ , NO ₂ : 30 ml x 6 no. plastic bottle each NH ₃ : 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C ₆ H ₆ : 1 x 6 no. charcoal tubes CO: 1 x 1 no. bladder	Date - Receipt of Sample	10/08/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	10/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	14/08/2024

Meteorological Data / Environmental Conditions

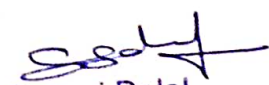
Average Wind Velocity 3 km/h	Wind Direction W-E	Relative Humidity (Max./Min.): 88/81%	Temperature (Max./Min.): 25/23°C	Duration of Survey 24 h
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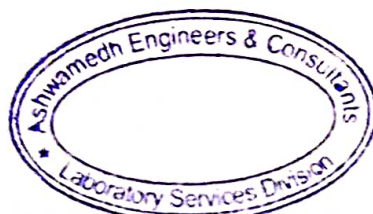
Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO ₂)	5.78	80	µg/m ³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO ₂)	10.9	80	µg/m ³	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM ₁₀	58	100	µg/m ³	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or PM _{2.5}	17	60	µg/m ³	CPCB Guidelines, Volume 1.36/2012-13, Page No 15: 2013
Ozone (O ₃)	BLQ (LOQ:19.6)	180	µg/m ³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411 Page no. 403: 1988
Lead (as Pb)	BLQ (LOQ:0.02)	1	µg/m ³	EPA/625/R-96/010 a Compendium Method 10-3.1 & 3.2, Jun: 1993
Carbon Monoxide (CO)	1.43	4	mg/m ³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH ₃)	BLQ (LOQ:20)	400	µg/m ³	CPCB Guidelines, Volume 1.36/2012-13, Page No.35: 2013
Benzene (C ₆ H ₆)	1.67	5	µg/m ³	IS 5182 (Part II): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	BLQ (LOQ:0.2)	1	ng/m ³	IS 5182 (Part 12): 2014
Arsenic (as As)	BLQ (LOQ:0.3)	6	ng/m ³	EPA/625/R-96/010 a Compendium Method 10-3.1 & 3.4, Jun: 1993
Nickel (as Ni)	BLQ (LOQ:3)	20	ng/m ³	EPA/625/R-96/010 a Compendium Method 10-3.1 & 3.2, Jun: 1993

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

TWA : Time Weighted Average

: NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM₁₀, PM_{2.5}, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.

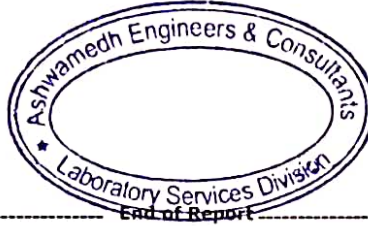

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Section-in-Charge (Chemical)
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Sample ID : AA/08/24/0120	Report No. AA/08/24/0120	Report Date	14/08/2024
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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/08/24/0119	Report No. AA/08/24/0119	Report Date	14/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Backside Shutter	Date - Sampling	08/08/2024 to 09/08/2024
Sample Quantity / Packing	PM ₁₀ , Bap, Metals: 1 x 3 no. filter paper PM _{2.5} : 1 x 1 no. filter paper SO ₂ , NO ₂ : 30 ml x 6 no. plastic bottle each NH ₃ : 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C ₆ H ₆ : 1 x 6 no. charcoal tubes CO: 1 x 1 no. bladder	Date - Receipt of Sample	10/08/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	10/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	14/08/2024

Meteorological Data / Environmental Conditions

Average Wind Velocity 3 km/h	Wind Direction W-E	Relative Humidity (Max./Min.): 88/81%	Temperature (Max./Min.): 25/23°C	Duration of Survey 24 h
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Parameter	Result	NAAQS# 2009	Unit	Method
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Chemical Testing; Group: Atmospheric Pollution

Sulphur Dioxide (SO ₂)	BLQ (LOQ:4)	80	µg/m ³	IS 5182 (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO ₂)	10.4	80	µg/m ³	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM ₁₀	69	100	µg/m ³	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or PM _{2.5}	19	60	µg/m ³	CPCB Guideline, Volume 1.36/2012-13, Page No.15:2013
Ozone (O ₃)	BLQ (LOQ:19.6)	180	µg/m ³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411, Page no. 403:1988
Lead (as Pb)	BLQ (LOQ:0.02)	1	µg/m ³	EPA/625/R-96/010 a Compendium Method 10-3.1 & 3.2, Jun: 1999
Carbon Monoxide (CO)	1.18	4	mg/m ³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH ₃)	BLQ (LOQ:20)	400	µg/m ³	CPCB Guidelines, Volume 1.36/2012-13, Page No.35: 2013
Benzene (C ₆ H ₆)	2.09	5	µg/m ³	IS 5182 (Part II): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	BLQ (LOQ:0.2)	1	ng/m ³	IS 5182 (Part 12): 2014
Arsenic (as As)	BLQ (LOQ:0.3)	6	ng/m ³	EPA/625/R-96/010 a Compendium Method 10-3.1 & 3.4, Jun: 1999
Nickel (as Ni)	BLQ (LOQ:3)	20	ng/m ³	EPA/625/R-96/010 a Compendium Method 10-3.1 & 3.2, Jun: 1999

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

TWA : Time Weighted Average

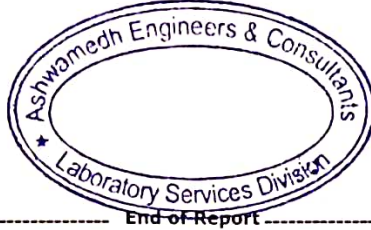
 # : NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM₁₀, PM_{2.5}, Lead and Ammonia, 1 hour TWA in case of Carbon Monoxide and Ozone, Annual TWA in case of Benzene, Benzo (a) Pyrene, Arsenic and Nickel.


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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/08/24/0118	Report No. AA/08/24/0118	Report Date	14/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near D G Set	Date - Sampling	08/08/2024 to 09/08/2024
Sample Quantity / Packing	PM ₁₀ , Bap, Metals: 1 x 3 no. filter paper PM _{2.5} : 1 x 1 no. filter paper SO ₂ , NO ₂ : 30 ml x 6 no. plastic bottle each NH ₃ : 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C ₆ H ₆ : 1 x 6 no. charcoal tubes CO: 1 x 1 no. bladder	Date - Receipt of Sample	10/08/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	10/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	14/08/2024

Meteorological Data / Environmental Conditions

Average Wind Velocity 3 km/h	Wind Direction W-E	Relative Humidity (Max./Min.): 88/81%	Temperature (Max./Min.): 25/23°C	Duration of Survey 24 h
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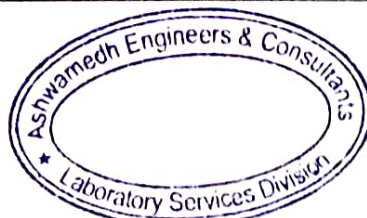
Parameter	Result	NAAQS# 2009	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Sulphur Dioxide (SO ₂)	5.18	80	µg/m ³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO ₂)	9.70	80	µg/m ³	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM ₁₀	61	100	µg/m ³	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or PM _{2.5}	18	60	µg/m ³	CPCB Guideline, Volume 1.36/2012-13, Page No.15:2013
Ozone (O ₃)	BLQ (LOQ:19.6)	180	µg/m ³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411, Page no. 403 :1988
Lead (as Pb)	BLQ (LOQ:0.02)	1	µg/m ³	EPA/625/R-96/D10 a Compendium Method 10-3.1 & 3.2, Jun: 1999
Carbon Monoxide (CO)	0.91	4	mg/m ³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH ₃)	BLQ (LOQ:20)	400	µg/m ³	CPCB Guidelines, Volume 1.36/2012-13, Page No.35: 2013
Benzene (C ₆ H ₆)	1.72	5	µg/m ³	IS 5182 (Part II): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	BLQ (LOQ:0.2)	1	ng/m ³	IS 5182 (Part 12): 2014
Arsenic (as As)	BLQ (LOQ:0.3)	6	ng/m ³	EPA/625/R-96/D10 a Compendium Method 10-3.1 & 3.4, Jun: 1999
Nickel (as Ni)	BLQ (LOQ:3)	20	ng/m ³	EPA/625/R-96/D10 a Compendium Method 10-3.1 & 3.2, Jun: 1999

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TWA : Time Weighted Average

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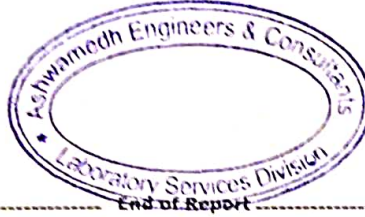

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AMBIENT AIR QUALITY MONITORING REPORT

Sample ID : AA/08/24/0117	Report No. AA/08/24/0117	Report Date	14/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Main Gate	Date - Sampling	08/08/2024 to 09/08/2024
Sample Quantity / Packing	PM ₁₀ , Bap, Metals: 1 x 3 no. filter paper PM _{2.5} : 1 x 1 no. filter paper SO ₂ , NO ₂ : 30 ml x 6 no. plastic bottle each NH ₃ : 10 ml x 24 no. plastic bottle Ozone: 10 ml x 1 no. plastic bottle C ₆ H ₆ : 1 x 6 no. charcoal tubes CO: 1 x 1 no. bladder	Date - Receipt of Sample	10/08/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	10/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	14/08/2024

Meteorological Data / Environmental Conditions

Average Wind Velocity 3 km/h	Wind Direction W-E	Relative Humidity (Max./Min.): 88/81%	Temperature (Max./Min.): 25/23°C	Duration of Survey 24 h
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Parameter	Result	NAAQS# 2009	Unit	Method
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Chemical Testing; Group: Atmospheric Pollution

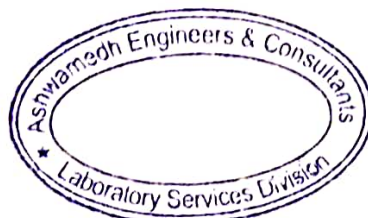
Sulphur Dioxide (SO ₂)	6.18	80	µg/m ³	IS 5182 (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO ₂)	9.49	80	µg/m ³	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM ₁₀	72	100	µg/m ³	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or PM _{2.5}	21	60	µg/m ³	CPCB Guideline, Volume 1.36/2012-13, Page No.15:2013
Ozone (O ₃)	BLQ (LOQ:19.6)	180	µg/m ³	Methods of Air Sampling and Analysis (AWMA), 3rd Ed., Method 411, Page no. 403 :1988
Lead (as Pb)	BLQ (LOQ:0.02)	1	µg/m ³	EPA/625/R-96/D10 a Compendium Method 10-3.1 & 3.2, Jun: 1999
Carbon Monoxide (CO)	1.70	4	mg/m ³	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013
Ammonia (NH ₃)	BLQ (LOQ:20)	400	µg/m ³	CPCB Guidelines, Volume 1.36/2012-13, Page No.35: 2013
Benzene (C ₆ H ₆)	2.22	5	µg/m ³	IS 5182 (Part 11): 2017
Benzo (a) pyrene (BaP) Particulate Phase only	BLQ (LOQ:0.2)	1	ng/m ³	IS 5182 (Part 12): 2014
Arsenic (as As)	BLQ (LOQ:0.3)	6	ng/m ³	EPA/625/R-96/D10 a Compendium Method 10-3.1 & 3.4, Jun: 1999
Nickel (as Ni)	BLQ (LOQ:3)	20	ng/m ³	EPA/625/R-96/D10 a Compendium Method 10-3.1 & 3.2, Jun: 1999

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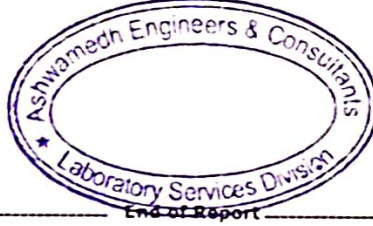
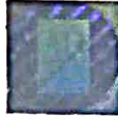

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Sample ID : AA/08/24/0117	Report No. AA/08/24/0117	Report Date	14/08/2024
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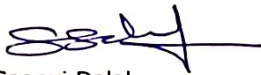


STACK EMISSION MONITORING REPORT

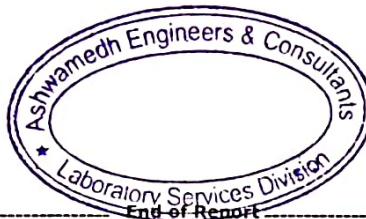
Sample ID : SA/08/24/0122	Report No. SA/08/24/0122	Report Date	14/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble SO ₂ : 30 ml x 1 no. plastic bottle NO ₂ : 25 ml x 1 no. plastic bottle	Date - Sampling	08/08/2024
		Date - Receipt of Sample	10/08/2024
Sampling Procedure	IS 11255 (Part 1):2019, (Part 2):2019, (Part 3):2018, (Part 7):2017	Date - Start of Analysis	10/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	14/08/2024

Stack Details	
~ Stack Identity	S-2
~ Stack attached to	D G Set 500 KVA
~ Material of construction	MS
~ Stack height above ground level	7 m
~ Stack diameter	0.2 m
~ Stack shape at top	Round
~ Type of Fuel	HSD
~ Fuel Consumption	100 kg/h

Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Flue Gas Temperature	96.75	-	°C	IS 11255 (Part 3) : 2018
Flue Gas Velocity	6.71	-	m/s	IS 11255 (Part 3) : 2018
Flue Gas Flow Rate	569	-	Nm ³ /h	IS 11255 (Part 3) : 2018
Particulate Matter (PM)	13	100	mg/Nm ³	IS 11255 (Part 1) : 2019
Sulphur Dioxide (SO ₂)	7.02	Not specified	mg/Nm ³	IS 11255 (Part 2) : 2019
Sulphur Dioxide (SO ₂)	0.10	Not specified	kg/d	IS 11255 (Part 2) : 2019
Oxides of Nitrogen (NO ₂)	18.5	Not specified	mg/Nm ³	IS 11255 (Part 7) : 2017



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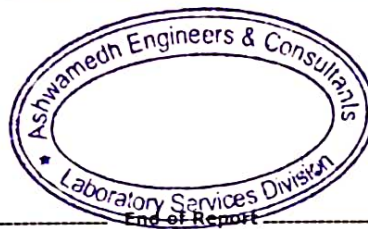


STACK EMISSION MONITORING REPORT

Sample ID : SA/08/24/0121	Report No. SA/08/24/0121	Report Date	14/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble SO ₂ : 30 ml x 1 no. plastic bottle NO ₂ : 25 ml x 1 no. plastic bottle	Date - Sampling	08/08/2024
		Date - Receipt of Sample	10/08/2024
Sampling Procedure	IS 11255 (Part 1):2019, (Part 2):2019, (Part 3):2018, (Part 7):2017	Date - Start of Analysis	10/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	14/08/2024

Stack Details				
~ Stack Identity	S-1			
~ Stack attached to	D G Set 500 KVA			
~ Material of construction	MS			
~ Stack height above ground level	7 m			
~ Stack diameter	0.2 m			
~ Stack shape at top	Round			
~ Type of Fuel	HSD			
~ Fuel Consumption	100 kg/h			
Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Flue Gas Temperature	94.5	-	°C	IS 11255 (Part 3) : 2018
Flue Gas Velocity	6.69	-	m/s	IS 11255 (Part 3) : 2018
Flue Gas Flow Rate	571	-	Nm ³ /h	IS 11255 (Part 3) : 2018
Particulate Matter (PM)	12	100	mg/Nm ³	IS 11255 (Part 1) : 2019
Sulphur Dioxide (SO ₂)	8.42	Not specified	mg/Nm ³	IS 11255 (Part 2) : 2019
Sulphur Dioxide (SO ₂)	0.12	Not specified	kg/d	IS 11255 (Part 2) : 2019
Oxides of Nitrogen (NO ₂)	20.3	Not specified	mg/Nm ³	IS 11255 (Part 7) : 2017


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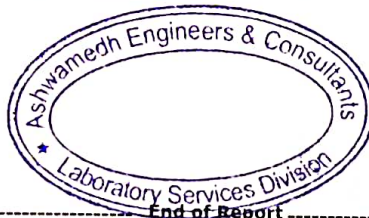
Sample ID : SA/08/24/0129	Report No. SA/08/24/0129	Report Date	13/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. .Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble	Date - Sampling	08/08/2024
		Date - Receipt of Sample	10/08/2024
Sampling Procedure	IS 11255 (Part 1):2019, (Part 3):2018	Date - Start of Analysis	10/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	12/08/2024

Stack Details	
~ Stack Identity	LPG Fire Burner
~ Stack attached to	LPG Fire Burner
~ Material of construction	MS
~ Stack height above ground level	9 m
~ Stack diameter	0.3 m
~ Stack shape at top	Square
~ Type of Fuel	Electricity
~ Fuel Consumption	-

Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Flue Gas Temperature	95.9	-	°C	IS 11255 (Part 3) : 2018
Flue Gas Velocity	7.26	-	m/s	IS 11255 (Part 3) : 2018
Flue Gas Flow Rate	1770	-	Nm ³ /h	IS 11255 (Part 3) : 2018
Particulate Matter (PM)	12	100	mg/Nm ³	IS 11255 (Part 1) : 2019



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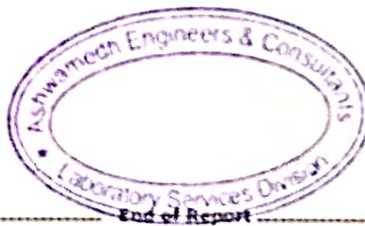
STACK EMISSION MONITORING REPORT

Sample ID : SA/08/24/0128	Report No. SA/08/24/0128	Report Date	13/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble	Date - Sampling	08/08/2024
		Date - Receipt of Sample	10/08/2024
Sampling Procedure	IS 11255 (Part 1):2019, (Part 3):2018	Date - Start of Analysis	10/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	12/08/2024

Stack Details	
~ Stack Identity	Furnace - 3 (130 KVA)
~ Stack attached to	Furnace - 3 (130 KVA)
~ Material of construction	MS
~ Stack height above ground level	9 m
~ Stack diameter	0.2 m
~ Stack shape at top	Round
~ Type of Fuel	Electricity
~ Fuel Consumption	-

Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Flue Gas Temperature	86.25	-	°C	IS 11255 (Part 3) 2018
Flue Gas Velocity	7.17	-	m/s	IS 11255 (Part 3) 2018
Flue Gas Flow Rate	626	-	Nm ³ /h	IS 11255 (Part 3) 2018
Particulate Matter (PM)	11	100	mg/Nm ³	IS 11255 (Part 1) 2019

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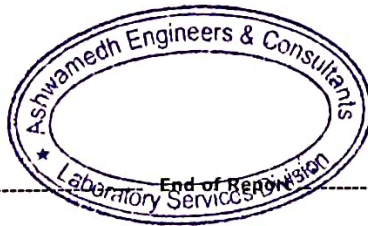
STACK EMISSION MONITORING REPORT

Sample ID : SA/08/24/0125	Report No. SA/08/24/0125	Report Date	13/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble	Date - Sampling	08/08/2024
		Date - Receipt of Sample	10/08/2024
Sampling Procedure	IS 11255 (Part 1):2019, (Part 3):2018	Date - Start of Analysis	10/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	12/08/2024

Stack Details	
~ Stack Identity	Dust Collector - 3
~ Stack attached to	Dust Collector - 3
~ Material of construction	MS
~ Stack height above ground level	9 m
~ Stack diameter	0.4 m
~ Stack shape at top	Round
~ Type of Fuel	Electricity
~ Fuel Consumption	-

Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Flue Gas Temperature	52	-	°C	IS 11255 (Part 3) : 2018
Flue Gas Velocity	6.29	-	m/s	IS 11255 (Part 3) : 2018
Flue Gas Flow Rate	2430	-	Nm ³ /h	IS 11255 (Part 3) : 2018
Particulate Matter (PM)	11	100	mg/Nm ³	IS 11255 (Part 1) : 2019

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STACK EMISSION MONITORING REPORT

Sample ID : SA/08/24/0126	Report No. SA/08/24/0126	Report Date	13/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble	Date - Sampling	08/08/2024
		Date - Receipt of Sample	10/08/2024
Sampling Procedure	IS 11255 (Part 1):2019, (Part 3):2018	Date - Start of Analysis	10/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	12/08/2024

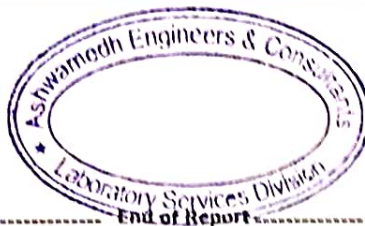
Stack Details	
~ Stack Identity	Furnace - 1 (230 kVA)
~ Stack attached to	Furnace - 1 (230 kVA)
~ Material of construction	MS
~ Stack height above ground level	9 m
~ Stack diameter	0.2 m
~ Stack shape at top	Round
~ Type of Fuel	Electricity
~ Fuel Consumption	-

Parameter	Result	Limits as per MPCB Consent	Unit	Method
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Chemical Testing; Group: Atmospheric Pollution				
Flue Gas Temperature	84.25	-	°C	IS 11255 (Part 3) 2018
Flue Gas Velocity	7.15	-	m/s	IS 11255 (Part 3) 2018
Flue Gas Flow Rate	627	-	Nm ³ /h	IS 11255 (Part 3) 2018
Particulate Matter (PM)	12	100	mg/Nm ³	IS 11255 (Part 1) 2018

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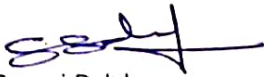
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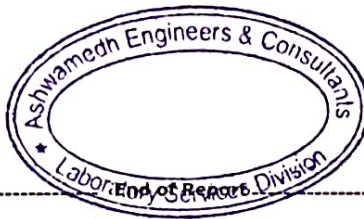


STACK EMISSION MONITORING REPORT

Sample ID : SA/08/24/0127	Report No. SA/08/24/0127	Report Date	13/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble	Date - Sampling	08/08/2024
		Date - Receipt of Sample	10/08/2024
Sampling Procedure	IS 11255 (Part 1):2019, (Part 3):2018	Date - Start of Analysis	10/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	12/08/2024

Stack Details				
~ Stack Identity	Furnace - 2 (130 KVA)			
~ Stack attached to	Furnace - 2 (130 KVA)			
~ Material of construction	MS			
~ Stack height above ground level	9 m			
~ Stack diameter	0.2 m			
~ Stack shape at top	Round			
~ Type of Fuel	Electricity			
~ Fuel Consumption	-			
Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Flue Gas Temperature	81.75	-	°C	IS 11255 (Part 3) : 2018
Flue Gas Velocity	7.12	-	m/s	IS 11255 (Part 3) : 2018
Flue Gas Flow Rate	630	-	Nm ³ /h	IS 11255 (Part 3) : 2018
Particulate Matter (PM)	11	100	mg/Nm ³	IS 11255 (Part 1) : 2019


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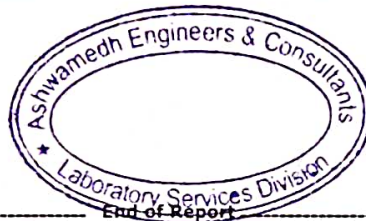
Sample ID : SA/08/24/0124	Report No. SA/08/24/0124	Report Date	13/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble	Date - Sampling	08/08/2024
		Date - Receipt of Sample	10/08/2024
Sampling Procedure	IS 11255 (Part 1):2019, (Part 3):2018	Date - Start of Analysis	10/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	12/08/2024

Stack Details	
~ Stack Identity	Dust Collector - 2
~ Stack attached to	Dust Collector - 2
~ Material of construction	MS
~ Stack height above ground level	9 m
~ Stack diameter	0.4 m
~ Stack shape at top	Round
~ Type of Fuel	Electricity
~ Fuel Consumption	-

Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Flue Gas Temperature	48	-	°C	IS 11255 (Part 3) : 2018
Flue Gas Velocity	6.25	-	m/s	IS 11255 (Part 3) : 2018
Flue Gas Flow Rate	2445	-	Nm ³ /h	IS 11255 (Part 3) : 2018
Particulate Matter (PM)	11	100	mg/Nm ³	IS 11255 (Part 1) : 2019

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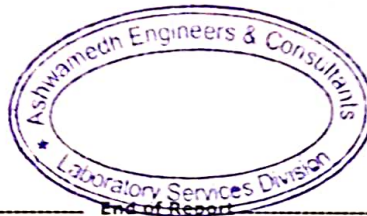


STACK EMISSION MONITORING REPORT

Sample ID : SA/08/24/0123	Report No. SA/08/24/0123	Report Date	14/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Stack Emission
Sample Quantity / Packing	PM: 1 no. thimble SO ₂ : 30 ml x 1 no. plastic bottle NO ₂ : 25 ml x 1 no. plastic bottle	Date - Sampling	08/08/2024
		Date - Receipt of Sample	10/08/2024
Sampling Procedure	IS 11255 (Part 1):2019, (Part 2):2019, (Part 3):2018, (Part 7):2017	Date - Start of Analysis	10/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	14/08/2024

Stack Details				
~ Stack Identity	Dust Collector - 1			
~ Stack attached to	Dust Collector - 1			
~ Material of construction	MS			
~ Stack height above ground level	9 m			
~ Stack diameter	0.4 m			
~ Stack shape at top	Round			
~ Type of Fuel	Electricity			
~ Fuel Consumption	-			
Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Atmospheric Pollution				
Flue Gas Temperature	52.75	-	°C	IS 11255 (Part 3) : 2018
Flue Gas Velocity	6.30	-	m/s	IS 11255 (Part 3) : 2018
Flue Gas Flow Rate	2427	-	Nm ³ /h	IS 11255 (Part 3) : 2018
Particulate Matter (PM)	12	100	mg/Nm ³	IS 11255 (Part 1) : 2019
Sulphur Dioxide (SO ₂)	BLQ (LOQ:5)	Not specified	mg/Nm ³	IS 11255 (Part 2) : 2019
Sulphur Dioxide (SO ₂)	BLQ (LOQ:0.02)	Not specified	kg/d	IS 11255 (Part 2) : 2019
Oxides of Nitrogen (NO ₂)	19.2	Not specified	mg/Nm ³	IS 11255 (Part 7) : 2017
BLQ: Below Limit of Quantification, LOQ: Limit of Quantification				

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NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/08/24/0131	Report No.: N/08/24/0131	Report Date	12/08/2024
Name and Address of Customer	M/s. Stumpp Schuele & Somappa Springs Pvt. Ltd., Plot No C-7/1, Shendra MIDC, Aurangabad.		
Monitoring Done By	Laboratory	Sample Description /Type	Ambient Noise
Order Reference	PO No. 4500167046 Dated 18.11.2023	Date of Monitoring	08/08/2024 to 09/08/2024

Chemical Testing; Group: Atmospheric Pollution

Location	Time (h)	Results Noise Level dB (A)	Method
A. Near Backside Shutter	10:05	68	CPCB Protocol for Ambient Level Noise Monitoring, July:2015
	22:10	53	
B. Near DG Set Area	10:15	65	
	23:25	60	
C. Near ETP	10:25	68	
	23:30	56	
D. Near Main Gate	10:30	68	
	23:35	55	

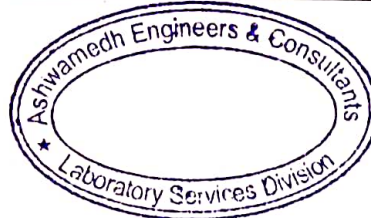
Limits

As Per the Noise Pollution (Regulation & Control) Rules , 2000 (Rules 3 (1) and 4(1))

Area Type	Limits in dB (A) weighted scale	
	Day (6 a.m. to 10 p.m.)	Night (10 p.m. to 6 a.m.)
Industrial	75	70

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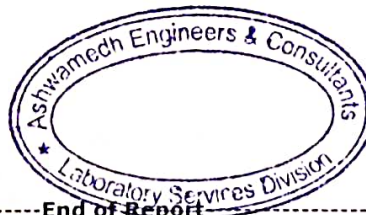
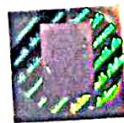
NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/08/24/0132	Report No.: N/08/24/0132	Report Date	12/08/2024
Name and Address of Customer	M/s. Stumpp Schuele & Somappa Springs Pvt. Ltd., Plot No C-7/1, Shendra MIDC, Aurangabad.		
Monitoring Done By	Laboratory	Sample Description /Type	Workplace Noise
Order Reference	PO No. 4500167046 Dated 18.11.2023	Date of Monitoring	08/08/2024

Chemical Testing; Group: Atmospheric Pollution				
Sr. No.	Location	Time (h)	Result Noise Level dB (A)	Method
1	QC Dept	6 a.m. to 10 p.m.	65	CPCB Protocol for Ambient Level Noise Monitoring, July-2015
		10 p.m. to 6 a.m.	64	
2	Inspection area	6 a.m. to 10 p.m.	74	
		10 p.m. to 6 a.m.	68	
3	FG store	6 a.m. to 10 p.m.	64	
		10 p.m. to 6 a.m.	60	
4	Shot peening Area	6 a.m. to 10 p.m.	72	
		10 p.m. to 6 a.m.	64	
5	Grinding Machine Area	6 a.m. to 10 p.m.	72	
		10 p.m. to 6 a.m.	70	
6	Monospring Line	6 a.m. to 10 p.m.	78	
		10 p.m. to 6 a.m.	74	
7	Maintenance Department	6 a.m. to 10 p.m.	76	
		10 p.m. to 6 a.m.	66	
8	Clutch Spring Line	6 a.m. to 10 p.m.	66	
		10 p.m. to 6 a.m.	57	
9	CNC Line	6 a.m. to 10 p.m.	70	
		10 p.m. to 6 a.m.	62	
10	Admin Office	6 a.m. to 10 p.m.	65	
		10 p.m. to 6 a.m.	69	
Limit				
Permissible Exposure Period as Per Maharashtra Factories Rules,1963, Schedule XXIV Table 1				
Total hours of sound exposure per day			Level	
Hours			dB(A)	
8			90	
6			92	
4			95	

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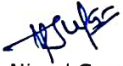
NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/08/24/3141	Report No.: N/08/24/3141N	Report Date	12/08/2024
Name and Address of Customer	M/s. Stumpp Schuele & Somappa Springs Pvt. Ltd., Plot No C-7/1, Shendra MIDC, Aurangabad.		
Monitoring Done By	Laboratory	Sample Description /Type	DG Noise
Order Reference	PO No. 4500167046 Dated 18.11.2023	Date-Monitoring	08/08/2024

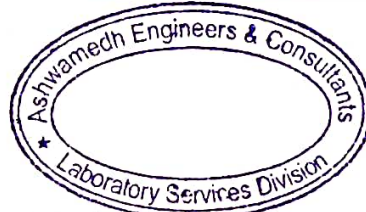
Chemical Testing; Group: Atmospheric Pollution

Sr. No.	Location	Time (h)	Sound Level dB (A) Fast Response				Difference
			A	Inside	B	Outside	
1.	DG SET-1, 500 KVA	12:30	A1	95	A2	72	23
		12:35	B1	98	B2	71	27
		12:40	C1	93	C2	69	24
		12:45	D1	96	D2	70	26
			Average	95.5	Average	70.5	25

Note: Standards as per MPCB Consent Condition Minimum 25 dB (A) insertion Loss.



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ILLUMINATION MONITORING REPORT

Sample ID IL/08/24/3142	Report No : IL/08/24/3142N	Report Date	12/08/2024
Name and Address of Customer	M/s. Stumpp Schuele & Somappa Springs Pvt. Ltd., Plot No C-7/1, Shendra MIDC, Aurangabad.		
Monitoring Done By	Laboratory	Sample Description/Type	Lux Level (Group: Atmospheric Pollution)
Order Reference	PO No. 4500167046 Dated 18.11.2023	Date of Monitoring	08/08/2024

Sr. No.	Location	Time	Lux Level Reading (LUX)				Average LUX
			1.	2.	3.	4.	
1.	QC Department	11:00 to 12:00	726	725	726	721	725
		22:45 to 23:45	600	608	605	607	605
2.	Inspection area	11:00 to 12:00	1000	1004	1006	1006	1004
		22:45 to 23:45	974	975	970	975	973
3.	FG store	11:00 to 12:00	682	686	684	685	684
		22:45 to 23:45	548	547	544	546	546
4.	Shot peening Area	11:00 to 12:00	380	387	384	385	384
		22:45 to 23:45	265	266	265	268	266
5.	Grinding Machine Area	11:00 to 12:00	725	726	724	725	725
		22:45 to 23:45	562	564	563	565	563
6.	Monospring Line	11:00 to 12:00	523	524	525	528	525
		22:45 to 23:45	232	234	236	235	234
7.	Maintenance Department	11:00 to 12:00	902	905	905	907	905
		22:45 to 23:45	670	672	673	671	676
8.	Clutch Spring Line	11:00 to 12:00	567	569	566	565	567
		22:45 to 23:45	426	425	423	422	424
9.	CNC Line	11:00 to 12:00	386	388	384	385	386
		22:45 to 23:45	292	295	296	293	294
10.	Admin Office	11:00 to 12:00	522	525	524	526	524
		22:45 to 23:45	446	449	444	444	446

Standards As per MF Rules-Section-35, Schedule B

Name of Work	Minimum Lux Level
1. Where Discrimination of Detail is not Essential	50
2. Where Slight Discrimination of Detail is Essential	100
3. Where Moderate Discrimination of Detail is Essential	200
4. Where Close Discrimination of Detail is Essential	300
5. Where Discrimination of Fine Detail is involved under a fair degree of contact for long period of time	500
6. Where Discrimination of Extremely Fine Detail is involved under conditions of Extremely poor contrast for long period of time	1000

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VENTILATION SURVEY REPORT

Sample ID: V/08/24/3143	Report No.: V/08/24/3143N	Report Date	12/08/2024
Name and Address of Customer	M/s. Stumpp Schuele & Somappa Springs Pvt. Ltd., Plot No C-7/1, Shendra MIDC, Aurangabad.		
Monitoring Done By	Laboratory	Sample Description/ Type	Ventilation Survey (Group: Atmospheric Pollution)
Order Reference	PO No. 4500167046 Dated 18.11.2023	Date of Monitoring	08/08/2024

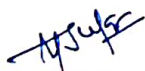
Sr. No.	Location	Temp. °C (Max./Min.)	Humidity (Max./Min.)	Air Velocities, m/s				
				1	2	3	4	Avg.
1.	QC Department	39/27	59/36	1.4	1.6	1.4	1.5	1.475
2.	Inspection area	39/27	59/36	1.5	1.1	1.3	1.2	1.275
3.	FG store	39/27	59/36	1.6	1.5	1.4	1.5	1.5
4.	Shot peening Area	39/27	59/36	1.3	1.4	1.5	1.2	1.35
5.	Grinding Machine Area	39/27	59/36	1.1	1.2	1.1	1.5	1.225
6.	Monospring Line	39/27	59/36	1.6	1.5	1.5	1.2	1.45
7.	Maintenance Department	39/27	59/36	1.7	1.5	1.3	1.6	1.525
8.	Clutch Spring Line	39/27	59/36	1.7	1.6	1.4	1.5	1.55
9.	CNC Line	39/27	59/36	1.3	1.4	1.5	1.7	1.475
10.	Admin Office	39/27	59/36	1.6	1.5	1.4	1.5	1.5

Notes:

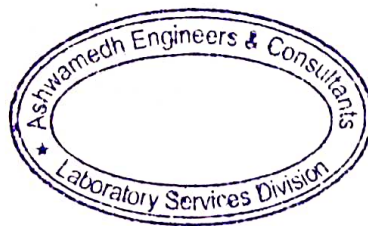
1. Air Velocity Should be at least 0.5 m/s to produce cooling effects.
2. For Ventilation status adequate Air movement is considered as primary factor
3. Adequate Air Movement of at least 30 m/min is to be provided.
4. Comfortable Indicates Air Movement >0.5 m/s & Uncomfortable indicates <0.5 m/s

Observation: Adequate Air Movement at above locations

Remark: Comfortable



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TEST REPORT

Sample ID : E/08/24/0109	Report No. E/08/24/0109	Report Date	17/08/2024
Name and address of Customer	Stump Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Untreated Trade Effluent
Sampling Location	ETP Inlet	Date -Sampling	08/08/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of sample	09/08/2024
Sampling Procedure	APHA,24th Ed.,2023, 1060 B, 44	Date - Start of Analysis	09/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	16/08/2024

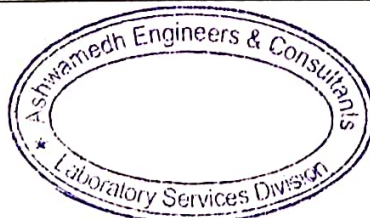
Sr.No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Pollution & Environment				
1	pH (at 25°C)	6.37	-	IS 3025 (Part II): 2017
2	Total Suspended Solids	22	mg/L	IS 3025 (Part 17) Amds.I: 2017
3	Biochemical Oxygen Demand (3 days, 27°C)	25	mg/L	IS 3025 (Part 44): 1993
4	Chemical Oxygen Demand	90	mg/L	APHA,24th Ed.,5220.B.544: 2023
5	Total Dissolved Solids	2418	mg/L	IS 3025 (Part 16): 2023
6	Oil & Grease	BLQ (LOQ:1)	mg/L	APHA,24th Ed.,5520.B.572: 2023
7	Chloride (as Cl)	250	mg/L	IS 3025 (Part 32): 2017
8	Sulphate (as SO ₄)	76	mg/L	IS 3025 (Part 24)/Sec-I: 2022
9	Copper (as Cu)	BLQ (LOQ:0.02)	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007
10	Lead (as Pb)	BLQ (LOQ:0.008)	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007
11	Nickel (as Ni)	1.43	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007
12	Zinc (as Zn)	4.48	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007
13	Arsenic (as As)	0.036	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007
14	Iron (as Fe)	0.219	mg/L	IS 3025 (Part 2) : 2019 / ISO 11885: 2007

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

Note: Sample ID E/08/24/0109 bears two Test Reports - E/08/24/0109 and E/08/24/0109N



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TEST REPORT

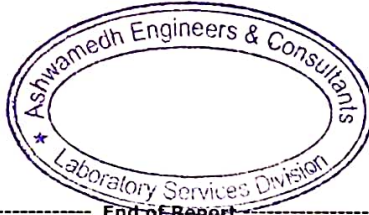
Sample ID : E/08/24/0109	Report No. E/08/24/0109N	Report Date	17/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Untreated Trade Effluent
Sampling Location	ETP Inlet	Date -Sampling	08/08/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of sample	09/08/2024
Sampling Procedure	APHA, 24th Ed., 2023, 1060 B, 44	Date - Start of Analysis	09/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	16/08/2024

Sr.No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Pollution & Environment				
1	Total Metal	6.17	mg/L	By Calculation

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification
Note: Sample ID E/08/24/0109 bears two Test Reports - E/08/24/0109 and E/08/24/0109N

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TEST REPORT

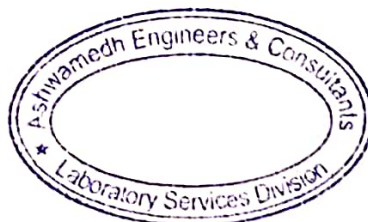
Sample ID : E/08/24/0110	Report No. E/08/24/0110	Report Date	17/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Treated Trade Effluent
Sampling Location	ETP Outlet	Date - Sampling	08/08/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	09/08/2024
Sampling Procedure	APHA, 24th Ed., 2023, 1060 B, 44	Date - Start of Analysis	09/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	16/08/2024

Sr.No.	Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Pollution & Environment					
1	pH (at 25°C)	7.12	5.5 to 9.0	-	IS 3025 (Part 10): 2017
2	Total Suspended Solids	20	Not to exceed 100	mg/L	IS 3025 (Part 17) Amds. 1: 2017
3	Biochemical Oxygen Demand (3 days, 27°C)	13	Not to exceed 100	mg/L	IS 3025 (Part 44): 1993
4	Chemical Oxygen Demand	50	Not to exceed 250	mg/L	APHA 24th Ed. 5220.8.544: 2023
5	Total Dissolved Solids	2362	Not to exceed 2100	mg/L	IS 3025 (Part 15): 2023
6	Oil & Grease	BLQ (LOQ:1)	Not to exceed 10	mg/L	APHA 24th Ed. 5520.8.572: 2023
7	Chloride (as Cl)	300	Not to exceed 600	mg/L	IS 3025 (Part 32): 2017
8	Sulphate (as SO ₄)	75.4	Not to exceed 1000	mg/L	IS 3025 (Part 24)/Sec-1: 2022
9	Copper (as Cu)	BLQ (LOQ:0.02)	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11535: 2007
10	Lead (as Pb)	BLQ (LOQ:0.008)	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11535: 2007
11	Nickel (as Ni)	0.432	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11535: 2007
12	Zinc (as Zn)	1.87	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11535: 2007
13	Arsenic (as As)	0.014	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11535: 2007
14	Iron (as Fe)	0.194	Not specified	mg/L	IS 3025 (Part 2): 2019 / ISO 11535: 2007

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

Note: Sample ID E/08/24/0110 bears two Test Reports - E/08/24/0110 and E/08/24/0110N


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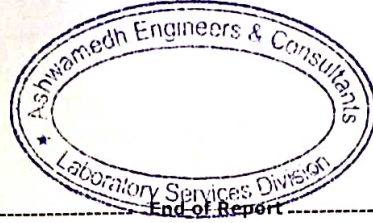
Sample ID : E/08/24/0110

Report No. E/08/24/0110

Report Date

17/08/2024

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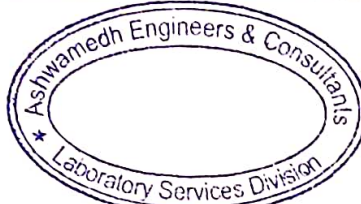




TEST REPORT

Sample ID : E/08/24/0110	Report No. E/08/24/0110N	Report Date	17/08/2024		
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra				
Sampling done by	Laboratory	Sample Description / Type	Treated Trade Effluent		
Sampling Location	ETP Outlet	Date - Sampling	08/08/2024		
Sample Quantity / Packing	2 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	09/08/2024		
Sampling Procedure	APHA, 24th Ed., 2023, 1060 B, 44	Date - Start of Analysis	09/08/2024		
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	16/08/2024		
Sr.No.	Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Pollution & Environment					
1	Total Metal	2.51	Not to exceed 10	mg/L	By Calculation
BLQ: Below Limit of Quantification, LOQ: Limit of Quantification Note: Sample ID E/08/24/0110 bears two Test Reports - E/08/24/0110 and E/08/24/0110N					

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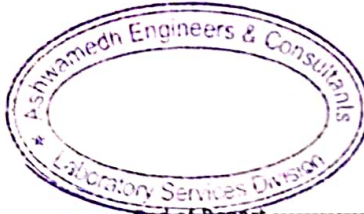
TEST REPORT

Sample ID : E/08/24/0111	Report No. E/08/24/0111	Report Date	17/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Untreated Sewage Effluent
Sampling Location	STP Inlet	Date - Sampling	08/08/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of sample	09/08/2024
Sampling Procedure	APHA, 24th Ed., 2023, 1060 B, 44	Date - Start of Analysis	09/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	16/08/2024

Sr.No.	Parameter	Result	Unit	Method
Chemical Testing; Group: Pollution & Environment				
1	pH (at 25°C)	7.62	-	IS 3025 (Part II): 2017
2	Total Suspended Solids	92	mg/L	IS 3025 (Part 17) Amds I: 2017
3	Biochemical Oxygen Demand (3 days, 27°C)	225	mg/L	IS 3025 (Part 44): 1993
4	Chemical Oxygen Demand	640	mg/L	APHA, 24th Ed. 5220.B.544: 2023
5	Total Dissolved Solids	2684	mg/L	IS 3025 (Part 16): 2023
6	Oil & Grease	BLQ (LOQ:1)	mg/L	APHA, 24th Ed. 5520 B.572: 2023
7	Chloride (as Cl)	1125	mg/L	IS 3025 (Part 32): 2017
8	Sulphate (as SO ₄)	139	mg/L	IS 3025 (Part 24)/Sec-I: 2022
BLQ: Below Limit of Quantification, LOQ: Limit of Quantification				

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TEST REPORT

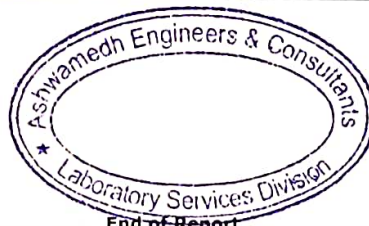
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Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Treated Sewage Effluent
Sampling Location	STP Outlet	Date - Sampling	08/08/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 1 L x 1 no. glass bottle	Date - Receipt of Sample	09/08/2024
Sampling Procedure	APHA, 24th Ed., 2023, 1060 B, 44	Date - Start of Analysis	09/08/2024
Order Reference	P.O. No. 4500167046 dated 18.11.2023	Date - Completion of Analysis	16/08/2024

Sr.No.	Parameter	Result	Limits as per MPCB Consent	Unit	Method
Chemical Testing; Group: Pollution & Environment					
1	pH (at 25°C)	7.88	Not specified	-	IS 3025 (Part II): 2017
2	Total Suspended Solids	28	Not to exceed 100	mg/L	IS 3025 (Part I7) Amds.I: 2017
3	Biochemical Oxygen Demand (3 days, 27°C)	16	Not to exceed 100	mg/L	IS 3025 (Part 44): 1993
4	Chemical Oxygen Demand	60	Not specified	mg/L	APHA, 24th Ed., 5220.B.544: 2023
5	Total Dissolved Solids	1246	Not specified	mg/L	IS 3025 (Part 16): 2023
6	Oil & Grease	BLQ (LOQ:1)	Not specified	mg/L	APHA, 24th Ed., 5520.B.572: 2023
7	Chloride (as Cl)	200	Not specified	mg/L	IS 3025 (Part 32): 2017
8	Sulphate (as SO ₄)	67.8	Not specified	mg/L	IS 3025 (Part 24)/Sec-I: 2022

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

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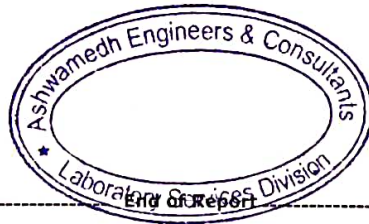


WORK ROOM ENVIRONMENT MONITORING REPORT

Sample ID : WR/08/24/0130	Report No. WR/08/24/0130	Report Date	14/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra	Order Reference : P.O. No. 4500167046 dated 18.11.2023	
Sampling done by	Laboratory	Sample Description / Type	Work Place Environment
Sampling Location	Near Grinding Area	Date - Sampling	08/08/2024
Sample Quantity / Packing	RSPM, SPM: 1 no. filter paper & 1 no. zip bag SO ₂ : 30 ml x 1 no. plastic bottle NO ₂ : 30 ml x 1 no. plastic bottle	Date - Receipt of Sample	10/08/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	10/08/2024
Duration of Sampling	8 h	Date - Completion of Analysis	14/08/2024

Parameter	Result	Limit as per Second schedule of factories Act/OSHA#	Unit	Method
		TWA (8 h)		
Chemical Testing; Group: Atmospheric Pollution				
Respirable Suspended Particulate Matter (RSPM)	0.43	5#	mg/m ³	NIOSH 0500, Aug: 1994
BLQ: Below Limit of Quantification, LOQ: Limit of Quantification TWA : Time Weighted Average Note: Sample ID WR/08/24/0130 bears two Test Reports-WR/08/24/0130 and WR/08/24/0130N				

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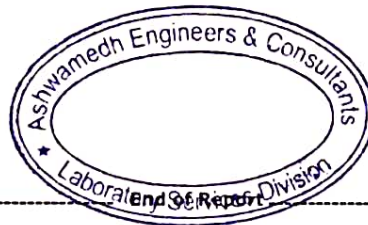


WORK ROOM ENVIRONMENT MONITORING REPORT

Sample ID : WR/08/24/0130	Report No. WR/08/24/0130N	Report Date	14/08/2024
Name and address of Customer	Stumpp Schuele & Somappa Springs Pvt. Ltd. Plot No C-7/1, Shendra MIDC, Five Star Industrial Area, Tal. & Dist. Aurangabad, Maharashtra	Order Reference : P.O. No. 4500167046 dated 18.11.2023	
Sampling done by	Laboratory	Sample Description / Type	Work Place Environment
Sampling Location	Near Grinding Area	Date - Sampling	08/08/2024
Sample Quantity / Packing	RSPM, SPM: 1 no. filter paper & 1 no. zip bag SO ₂ : 30 ml x 1 no. plastic bottle NO ₂ : 30 ml x 1 no. plastic bottle	Date - Receipt of Sample	10/08/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	10/08/2024
Duration of Sampling	8 h	Date - Completion of Analysis	14/08/2024

Parameter	Result	Limit as per Second schedule of factories Act/OSHA#	Unit	Method
		TWA (8 h)		
Chemical Testing; Group: Atmospheric Pollution				
Suspended Particulate Matter (SPM)	0.46	15#	mg/m ³	NIOSH 0500. Aug : 1994
Sulphur Dioxide (SO ₂)	BLQ (LOQ:0.004)	5	mg/m ³	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO ₂)	BLQ (LOQ:0.0065)	6	mg/m ³	IS 5182 (Part 6): 2017
BLQ: Below Limit of Quantification, LOQ: Limit of Quantification TWA : Time Weighted Average Note: Sample ID WR/08/24/0130 bears two Test Reports-WR/08/24/0130 and WR/08/24/0130N				


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