

Environmental Monitoring Display

(As per Environmental Clearance & SEIAA Guidelines) Date of Monitoring: 17/01/2025

Stack Emission Monitoring (Furnace – 01)

Parameter	Result
Temperature of Emission	125°C
Velocity of Emission	5.26 m/sec
Volume of Emission	8506 Nm ³ /hr
Particulate Matter	44 mg/Nm ³
Sulphur Dioxide (SO ₂)	55 mg/Nm ³
Oxides of Nitrogen (NO _x)	17.7 mg/Nm ³
Carbon Monoxide (CO)	37 mg/Nm ³

Stack Emission Monitoring (Re-Rolling Mill – 02)

Parameter	Result
Temperature of Emission	134°C
Velocity of Emission	3.20 m/sec
Volume of Emission	798 Nm ³ /hr
Particulate Matter	34 mg/Nm ³
Sulphur Dioxide (SO ₂)	62 mg/Nm ³
Oxides of Nitrogen (NO _x)	18.9 mg/Nm ³
Carbon Monoxide (CO)	37 mg/Nm ³

Ambient Noise Level Monitoring (Near Factory Gate)

Monitoring Time	Location	Noise Level
Daytime (6 AM–6 PM)	1 meter from boundary	53.1 dB (A)
Nighttime (6 PM–6 AM)	1 meter from boundary	42.9 dB (A)

Remarks:

All monitored values are within prescribed limits as per KSPCB and SEIAA norms.