

January 29, 2024

Tennessee Department of Environment and Conservation Jackson, TN EFO Attn: Division of Air Pollution – Terri Ledsinger 1625 Hollywood Drive Jackson, TN 38305

Dear Terri;

Attached is a submission of Gerdau Jackson Tennessee Steel Mill's annual compliance certification for Title V operating permit number 574449 and construction permits 974353(from Jan.1- to Oct. 2, 2023) and 979247 as required for the period of January 1, through December 31, 2023. A Significant Modification was issued October 3, 2023. There were zero (0) deviations for the reporting period as noted in the Compliance Statement.

Should you have any questions or need any additional information please contact Will Ownby at (731) 423-5274 or william.ownby@gerdau.com.

Sincerely,

Will Ownby

Environmental Manager

Gerdau

Jackson Tennessee Steel Mill



January 29, 2024

Air and EPCRA Enforcement Branch US EPA Region IV 61 Forsyth Street, SW Atlanta GA, 30303

Dear EPA Official;

Attached is a submission of Gerdau Jackson Tennessee Steel Mill's annual compliance certification for Title V operating permit number 574449 and construction permits 974353(from Jan.1- to Oct. 2, 2023) and 979247 as required for the period of January 1, through December 31, 2023. A Significant Modification was issued October 3, 2023. There were zero (0) deviations for the reporting period as noted in the Compliance Statement.

Should you have any questions or need any additional information please contact Will Ownby at (731) 423-5274 or william.ownby@gerdau.com.

Sincerely,

Will Ownby

Environmental Manager

Gerdau

Jackson Tennessee Steel Mill

Certified Mail - 7010 1870 0002 3230 4796

CC: Terri Ledsinger

Responsible Official Certification

I, the undersigned, am the responsible official as defined in TAPCR 1200-3-9-.02(11)(b)21 of the Title V source for which this document is being submitted. With the possible exception of those permit terms and conditions identified above (referring to a list of deviation, exceedances and excursions), the emission sources described in permit # 574449 and conditions stated in construction permits # 974353(from Jan.1- to Oct. 2, 2023) and # 979247 were in compliance with all permit terms and conditions for the period of January 1, 2023 to December 31, 2023 as determined by all required testing and monitoring in the permit and other material information. A Significant Modification was issued October 3, 2023.

I hereby certify, based on the information and belief formed after reasonable inquiry, that the statements made and data contained in this document are true, accurate and complete.

Jahn Wrejer	January 29, 2024
(Signature)	(Date)
Josh Wigger	V. P. General Manager
(Name)	(Title)

{Note: Attachments, if required are created by the Responsible Official and should consist of the information specified and any supporting required. The Responsible Official may also attach additional information when elaboration is required for clarity.}

January 29, 2024

Identification of all instances of deviations from all permit requirements.

None for the report period January 1, 2023 through December 31, 2023.

Annual Certification of Compliance

Facility Owner/Company Name: Gerdau, Jackson Tennessee Steel Mill Facility Location: 801 Gerdau Drive, Jackson Tennessee 38305

Emission Source Reference Number: 57-0189

Title V Permit Number	Reporting Period	Report Deadline
Permit # 574449	January 1 of 2023 through December 31 of 2023.	February 1 of 2024
Construction Permit # 979247	•	1001001 1012021
Construction Permit # 974353 (From Jan.1 to Oct. 2, 2023)		

This report is required pursuant to TNAPCR 1200-3-9-.02(11)(e)3(v)(III) and 40 CFR Part 70.6(c)(5)(iii) as amended in the Federal Register Vol. 62, No. 204, October 22, 1997, pages 54946 and 54947.

COMPLIANCE STATEMENT

		Item # 4: The status of compliance with the terms and	T
		conditions of the permit for the period covered by the	Item # 5:
		certification. The certification shall identify each deviation* and	
		take it into account in the compliance certification. The	intermittent
	Item # 2: Identification of the method(s) for assurance of compliance and if necessary the permittee also shall identify	certification shall also identify as possible exceptions to	compliance with
	any other material information that must be included in the certification to comply with section 113(c)(2) of the	conpliance any periods during which compliance is required	the permit term
Item # 1: Identification of each term or condition of the permit	Federal Act, which prohibits knowingly making a false cerification or omitting material information.	and in which an excursion** or exceedance*** occured.	or condition
A1 - Definitions	Terms not otherwise defined in the permit - TAPCR 1200-03	In Compliance - No Deviations	Continuous
A2 - Compliance Requirement	Compliance with all terms and conditions pursuant to TAPCR 1200-03-09-,02(11)	In Compliance - No Deviations	Continuous
A3 - Need to halt or reduce activity	Halt or reduce activity TAPCR 1200-03-0902(11)(e)1(vi)(II)	In Compliance - No Deviations	Continuous
A4 - The Permit	Permit change or terminated for cause TAPCR 1200-03-0902(11)(e)1(vi)(III)	In Compliance - No Deviations	Continuous
A5 - Property Rights	Permit does not convey property rights TAPCR 1200-03-0902(11)(e)1(vi)(IV)	In Compliance - No Deviations	Continuous
A6 - Submittal of requested information	Submit upon request within reasonable time TAPCR 1200-03-0902(11)(e)1(vi)(V)	In Compliance - No Deviations	Continuous
A7 - Severability clause	TAPCR 1200-03-0902(11)(e)1(v)	In Compliance - No Deviations	Continuous
A8 (SM1) - Fee Payment	Payment of fees by July 1 each year	In Compliance - No Deviations	Continuous
A9 - Permit revision not required		In Compliance - No Deviations	Continuous
A10 - Inspection and entry		In Compliance - No Deviations	Continuous
A11 (SM1) - Permit Shield		In Compliance - No Deviations	Continuous
A12 - Permit renewal and expiration		In Compliance - No Deviations	Continuous
A13 - Reopening for cause		In Compliance - No Deviations	Continuous
A14 - Permit transference	Method not specified in the Title V Permit	In Compliance - No Deviations	Continuous
A15 - Air Pollution alert	Not Applicable	In Compliance - No Deviations	Continuous
A16 - Construction permit required	Apply for construction permits as required	In Compliance - No Deviations	Continuous
A17 - Notification of changes	Notify Technical Secretary 30 days prior of changes	In Compliance - No Deviations	Continuous
A18 (SM1) - Schedule of compliance	Method not specified in the Title V Permit	In Compliance - No Deviations	Continuous
A19 - Title VI	Comply with 40CFR Part 82 Subpart F for MVACs - Substances removed before acceptance	In Compliance - No Deviations	Continuous
A20 - 112(R)	Not Applicable	In Compliance - No Deviations	Continuous
B1 - Recordkeeping	As specified in specific source conditions	In Compliance - No Deviations	Continuous
B2 - Retention of monitoring data	Records kept for a minimum of 5 years	In Compliance - No Deviations	Continuous
B3 - Reporting	Semi annual reports submitted	In Compliance - No Deviations	Continuous
B4 - Certification	Certification statement in semiannual reports	In Compliance - No Deviations	Continuous
B5 - Annual compliance certification	Annual reports submitted	In Compliance - No Deviations	Continuous
B6 - Submission of compliance certification	Certification is submitted to the State and EPA	In Compliance - No Deviations	Continuous
B7 - Emergency provisions	Method not specified in the Title V Permit - TAPCR 1200-03-0902(11)(e)7	In Compliance - No Deviations	Continuous
B8 - Excess emissions reporting	Report emissions in excess of permit limits within 24 hours	In Compliance - No Deviations	Continuous
B9 - Malfunctions, startups & shutdowns	Take reasonable measures to keep emissions to minimum during startup, shut down and malfunctions	In Compliance - No Deviations	Continuous
B10 - Report required for Notice Of Violation		In Compliance - No Deviations	Continuous
B10 (SM1) - Reserved	Reserved	Reserved	Reserved
B11 (SM1) - Report required for Notice Of Violation	Submit report within 20 days of NOV	In Compliance - No Deviations	Continuous
D1 (SM1) - Visible emissions	Periodic monitoring required-never more than 20% opacity leaving site 1200-03-05	In Compliance - No Deviations	Continuous
D2 - Non process gaseous emissions		In Compliance - No Deviations	Continuous
D3 - Non-process emission		In Compliance - No Deviations	
D4 - Provisions for process gaseous		In Compliance - No Deviations	Continuous
D5 - Particulate emissions from sources		In Compliance - No Deviations	Continuous
D6 - Sulfur dioxide emission standards		In Compliance - No Deviations	
D7 - Fugitive dust		In Compliance - No Deviations	Continuous
D8 - Open burning		In Compliance - No Deviations In Compliance - No Deviations	Continuous
D9 - Asbestos	Must comply with TAPCR 1200-03-1102(2)(d) and 40 CFR,Part 61	In Compliance - No Deviations	Continuous
D10 (SM1) - Annual certification of compliance		In Compliance - No Deviations In Compliance - No Deviations	Continuous
D11 (SM1) - Emissions standards for HAPS		In Compliance - No Deviations	Continuous
DTT (OWT) - Emissions standards for TIATO	Comply with the Cit 0400-00-00	In Compilance - No Deviations	Continuous

Annual Certification of Compliance

Facility Owner/Company Name: Gerdau, Jackson Tennessee Steel Mill Facility Location: 801 Gerdau Drive, Jackson Tennessee 38305

Emission Source Reference Number: 57-0189

Title V Permit Number	Reporting Period	Report Deadline
Permit # 574449	January 1 of 2023 through December 31 of 2023.	February 1 of 2024
Construction Permit # 979247 Construction Permit # 974353 (From Jan.1 to Oct. 2, 2023)		

This report is required pursuant to TNAPCR 1200-3-9-.02(11)(e)3(v)(III) and 40 CFR Part 70.6(c)(5)(iii) as amended in the Federal Register Vol. 62, No. 204, October 22, 1997, pages 54946 and 54947.

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	any other material information that must be included in the certification to comply with section 113(c)(2) of the		compliance with
Item # 1: Identification of each term or condition of the permit	Federal Act, which prohibits knowingly making a false cerification or omitting material information.	conpliance any periods during which compliance is required	the permit term
D12 (SM1) - Standards of performance for new stationary sources		and in which an excursion** or exceedance*** occured.	or condition
D13 (SM1) - Gasoline dispensing facilities	Comply with TAPCR 1200-03-18-,24	In Compliance - No Deviations	Continuous
D14 (SM1) - Internal combustion engines	Comply with TAPCR 0400-30-18-24 Comply with TAPCR 0400-30-38 and 39	In Compliance - No Deviations	Continuous
E1 - Fee Payment Mixed emission basis	65% Payment due April 1; 35% Payment due July 1	In Compliance - No Deviations	Continuous
E1 (SM1) - Fee Payment Mixed emission basis		In Compliance - No Deviations	Continuous
	65% Payment due April 1; 35% Payment due July 1	In Compliance - No Deviations	Continuous
E2 - Reporting requirements	Reporting requirements: (a) Semiannual reports (b) Annual Certification (c) MACT and (d) NSPS	In Compliance - Submitted required reports on time	Continuous
E2 (SM1) - Reporting Requirements	Reporting requirements: (a) Semiannual reports (b) Annual Certification (c) MACT and (d) NSPS	In Compliance - Submitted required reports on time	Continuous
E3-1 - Visable emission limitation	Daily Visable Emission (VE) readings are completed as required in Title V permit	In Compliance - No Deviations	Continuous
E3-2 - Potential to emit HAPS	Non Applicable	In Compliance - No Deviations	Continuous
E3-3 - Fugitive dust restriction	Fugitive emissions as determined by Method 4 TAPCR 1200-03-0801	In Compliance - No Deviations	Continuous
E3-4 - Fee emission summary table	Complete fee emission summary table in Title V permit	In Compliance - No Deviations	Continuous
E3-5 - Fugitive emission restriction	Fugitive dust from roads shall not exceed 10% per Method 1	In Compliance - No Deviations	Continuous
E3-6 - Recordkeeping requirements		In Compliance - No Deviations	Continuous
E3-7 - Repair and maintenance requirements		In Compliance - No Deviations	Continuous
E3-8 - Identification of Responsible Official, Technical Contact and Billing Contact	· · · · · · · · · · · · · · · · · · ·	In Compliance - No Deviations	Continuous
E4-1 - Applicable Subpart YYYYY		In Compliance - No Deviations	Continuous
E4-2 - Ch;orinated plastics, lead and free organic liquids	Comply with Pollution Prevention Plan	In Compliance - No Deviations	Continuous
E4-3 - Mercury requirements		In Compliance - No Deviations	Continuous
E4-4 - Recordkeeping and reporting requirements	Recordkeeping and submittal of reports	In Compliance - No Deviations	Continuous
E4-5 - Capture system for PM		In Compliance - No Deviations	Continuous
E4-6 - Discharge from EAF or AOD vessel		In Compliance - No Deviations	Continuous
E4-7 - Discharge from EAF or AOD vessel		In Compliance - No Deviations	Continuous
E4-8 - Performance testing	Conduct Performance testing and submit reports	In Compliance - No Deviations	Continuous
E4-9 - Subpart YYYYY monitoring		In Compliance - No Deviations	Continuous
E4-10 - Subpart YYYYY part 60	Compliance with the CAM Plan	In Compliance - No Deviations	Continuous
E4-11 - Notification of compliance status	Submit required reports	In Compliance - No Deviations	Continuous
E5-1 - Subpart AA requirements		In Compliance - No Deviations	Continuous
E5-2 - Discharge and opacity readings	Conduct VEEs - performed on at least 93% of the EAF's operational days during calendar quarter	In Compliance - No Deviations - 100% compliance	Continuous
E5-3 - Recordkeeping	Maintain records	In Compliance - No Deviations	Continuous
E5-4 - Monthly inspections	Conduct monthly inspections	In Compliance - No Deviations	Continuous
E6-1 - Input capacity restriction		In Compliance - No Deviations	Continuous
E6-1 - Input capacity restriction	Input capacity existing with shredder shall not exceed 80 tons per hour monthly average basis	In Compliance - No Deviations	Continuous
E6-1 - Input capacity restriction		In Compliance - No Deviations	Continuous
E6-1 - Input capacity restriction		In Compliance - No Deviations	Continuous
E6-1 - Input capacity restriction	Input capacity for sorting hub Number 12 shall not exceed 45 tons per hour monthly average basis	In Compliance - No Deviations	Continuous
E6-1 - Input capacity restriction	Input capacity for sorting hub Number 15 shall not exceed 10 tons per hour monthly average basis	In Compliance - No Deviations	Continuous
E6-2 - Particulate Matter (PM) limitation	PM from shredder shall not exceed 25 pounds per hour and 26 tons per year	In Compliance - No Deviations	Continuous
E6-2 - Particulate Matter (PM) limitation	PM from non ferrous and sorting hubs shall not exceed 3.26 pounds per hour and 14.28 tons per year	In Compliance - No Deviations	Continuous
E6-3 - Operating Hour restriction	Operating hours shall not exceed 2080 hours per year	In Compliance - No Deviations	Continuous
E6-3 - Operating Hour restriction	No hour restriction for non ferrous material handling equipment	In Compliance - No Deviations	Continuous
E6-4 - Actual emissions for fee purposes	Fee calculation sheet; maintain Log 3 as specified in Title V permit	In Compliance - No Deviations	Continuous
E7-1 - Steel production restriction	Source shall not exceed 135 tons per hour and 1,100,000 tons per 12 consecutive months; Logs 4 & 5	In Compliance - No Deviations	Continuous
E7-2 - PM emission limitation control system	PM shall not exceed 0.0041 grains per dry standard ft3 and total 40.76 pounds per hour (lb/hr); Log 5	In Compliance - No Deviations	
Terral or in simplion annually control system	1 m shariffer exceed 0.0041 grains per dry standard its and total 40.70 pounds per flour (lb/fir), Edg 5	Jin Compilance - No Deviations	Continuous

Annual Certification of Compliance

Facility Owner Company Name: Gerdau, Jackson Tennessee Steel Mill Facility Location: 801 Gerdau Drive, Jackson Tennessee 38305

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Item # 1: Identification of each term or condition of the permit	Federal Act, which prohibits knowingly making a false cerification or omitting material information.	and in which an excursion** or exceedance*** occured.	or condition
E7-3 - PM Emission limitation bypassing control system	Maximum PM emissions shall not exceed 3.8 lb/hr and 13.5 tpy; Log 5	In Compliance - No Deviations	Continuous
E7-4 - Sulfur Dioxide (SO2) Emission limitation	Maximum SO2 emitted shall not exceed 40.5 lb/hr; Log 4	In Compliance - No Deviations	Continuous
E7-5 - Volatile Organic Compounds (VOC) limitations	Maximum VOC emitted shall not exceed 44.5 lb/hour; completion of Log 4	In Compliance - No Deviations	Continuous
E7-6 - Nitrogen Oxides (NOx) limitations	Maximum NOx emitted shall not exceed 72.9 lb/hour; completion of Log 4	In Compliance - No Deviations	Continuous
E7-7 - Carbon Monoxide (CO) limitations	Maximum CO emitted shall not exceed 945 lb/hour; completion of Log 4	In Compliance - No Deviations	Continuous
E7-8 - Lead limitations	Maximum Lead is 1.12 lbs per hour	In Compliance - No Deviations	Continuous
E7-9 - Annual Emission Requirement	Maintain Logs 4 and 5 as specified in Title V permit	In Compliance - No Deviations	Continuous
	Conduct performance testing once every 5 years; Last test completed April 2023; Next test will be		-
E7-10 - Performance Testing Requirments	scheduled for April 2028	In Compliance - No Deviations	Continuous
E7-11 - CAM Requirements	Method Specified in Title V permit - CAM Plan Attachment 5 of the Title V permit	In Compliance - No Deviations	Continuous
E7-12 - Stack design	Maintain stack design	In Compliance - No Deviations	Continuous
E8-1 - Fuel usage restriction	Only natural gas used for this source	In Compliance - No Deviations	Continuous
E8-2 - Heat input restriction	Max heat input shall not exceed 48,000,000 BTU	In Compliance - No Deviations	Continuous
E8-3 - PM limitation	PM shall not exceed 1.9 lb/hr and 8.4 tpy; compliance from calculation using Section 1.4 of AP-42	In Compliance - No Deviations	Continuous
E8-4 - SO2 limitation	SO2 shall not exceed 0.1 lb/hr and 0.44 tpy; compliance from calculation using Section 1.4 of AP-42	In Compliance - No Deviations	Continuous
E8-5 - VOC limitation	VOC shall not exceed 0.26 lb/hr and 1.2 tpy; compliance from calculation using Section 1.4 of AP-42	In Compliance - No Deviations	Continuous
E8-6 - Nitrogen Oxides limitation	NOx shall not exceed 7.07 lb/hr and 31.0 tpy; compliance from calculation using Section 1.4 of AP-42	In Compliance - No Deviations	Continuous
E8-7 - CO limitations	CO shall not exceed 4.03 lb/hr and 17.7 tpy; compliance from calculation using Section 1.4 of AP-42	In Compliance - No Deviations	Continuous
E8-8 - Visable emission limitations	Per Opacity matrix; using ONLY natural gas no opacity reading required	In Compliance - No Deviations	Continuous
E9-1 - Fuel use restriction	Natural gas used for this source; No 2 fuel oil not to exceed 1,000,000 gallons for any 12 month period	In Compliance - No Deviations	
E9-2 - Heat input restriction	Maximum rate shall not exceed 144 MMBTU per hour	In Compliance - No Deviations	Continuous
E9-3 - Sulfur content limitation	Sulfur content of No.2 fuel oil shall not exceed 0.5% by weight		Continuous
E9-4 - PM limitation		In Compliance - No Deviations	Continuous
E9-5 - SO2 limitation	PM shall not exceed 2.6 lb/hr; compliance from calculation using Section 1.4 of AP-42	In Compliance - No Deviations	Continuous
	SO2 shall not exceed 73.0 lb/hr; compliance from calculation using Section 1.4 of AP-42	In Compliance - No Deviations	Continuous
E9-6 - VOC limitation	VOC shall not exceed 2.0 lb/hr; compliance from calculation using Section 1.4 of AP-42	In Compliance - No Deviations	Continuous
E9-7 - Nitrogen oxides	NOx shall not exceed 60.0 lb/hr; compliance from calculation using Section 1.4 of AP-42	In Compliance - No Deviations	Continuous
E9-8 - CO limitation	CO shall not exceed 12.1 lb/hr; compliance from calculation using Section 1.4 of AP-42	In Compliance - No Deviations	Continuous
E9-9 - Visable emissions limitation	Per Opacity matrix; using ONLY natural gas no opacity reading required	In Compliance - No Deviations	Continuous
E9-10 Actual emissions for fee purposes	Actual emissions determined by completing Log 6 as specified in Title V permit	In Compliance - No Deviations	Continuous
E10-1 - Material input restriction	Input shall not exceed 250,000 lb/hr on a daily basis	In Compliance - No Deviations	Continuous
E10-2 - PM limitation	PM emitted not to exceed 2.15 lb/hr; compliance by daily Delta P readings greater than 1" H2O; Log 7	In Compliance - No Deviations	Continuous
E10-3 - Actual emissions for fee purposes	Actual emissions determined by completing Log 8 as specified in Title V permit	In Compliance - No Deviations	Continuous
E11-1 (SM1) Input capacity restriction	Input capacity shall not exceed 50 tons per hour on a monthly average basis	In Compliance - No Deviations	Continuous
E11-2 (SM1) Heat input restriction	Max heat input shall not exceed 34 MMBtu/hour on a monthly averal basis	In Compliance - No Deviations	Continuous
E11-3 (SM1) Fuel use restriction	Only natural gas used for this source	In Compliance - No Deviations	Continuous
E11-4 (SM1) Particulate Matter (PM) limitation	PM shall not exceed 1.3 lbs./hour; compliance by daily Delta P readings greater than 0.5" H2O	In Compliance - No Deviations	Continuous
E11-5 (SM1) Sulfur Dioxide (SO2) Emission limitation	Maximum SO2 emitted shall not exceed 0.06 lb/hr	In Compliance - No Deviations	Continuous
E11-6 (SM1) Nitrogen Oxides (NOx) limitations	Maximum NOx emitted shall not exceed 7.9 tpy	In Compliance - No Deviations	Continuous
E11-7 (SM1) Carbon Monoxide (CO) limitations	Maximum CO emitted shall not exceed 8.32 tpy	In Compliance - No Deviations	Continuous
E11-7 (SM1) Carbon Monoxide (CO) limitations E11-8 (SM1) Volatile Organic Compounds (VOC) limitations	Maximum CO emitted shall not exceed 8.32 tpy Maximum VOC emitted shall not exceed 0.82 tpy	In Compliance - No Deviations In Compliance - No Deviations	Continuous