



**NAT Business Solutions**  
Think, Act & Be Safe

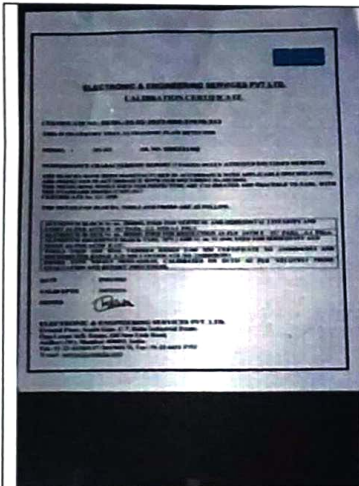
# NAT BUSINESS SOLUTIONS

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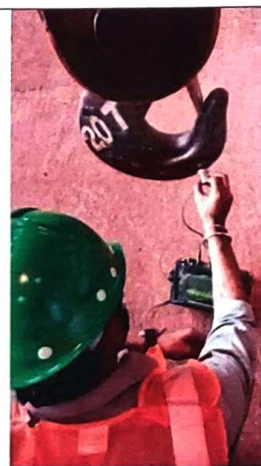
## NDT REPORT

Report No.: NAT/NDT/TSKIM-E/009	Date: 27/02/2024
Client Name: KHONDBOND IRON ORE MINES, EQUIPMENT SECTION, TATA STEEL LTD.	Equipment: GANTRY CRANE (20/5 TON )
Couplant: Grease	Make : N.A ; ID.
Site / Location: Equipment Section	Velocity: 3230 m/s & 5920 m/s
Instrument Serial No:- E5842-1210	Probe: Normal, 60° Angle Probe
Calibration Range: (0 – 100) (0 – 500) mm	Pulse Energy: 20- 40 DB

Sl. No.	Description	TEST	Observation	Remarks
1.	Front Leaf Spring Pin	NDT	N. S. D.	Acceptable / Not Acceptable
2.	Rear Leaf Spring Pin	NDT	N. S. D.	Acceptable / Not Acceptable
3.	Prop. Shaft/Pin	NDT	N. S. D.	Acceptable / Not Acceptable
4.	Chassis	NDT	N. S. D.	Acceptable / Not Acceptable



Calibration Report of ultrasonic flaw detector



**Test Date:** 27/02/2024 ✓  
**Valid Till:** 26/02/2025 ✓

*[Signature]*

**Signature of NDT Engineer**



*[Signature]*

**Signature of Competent Person**

**VIKASH KUMAR SINGH**  
**COMPETENT PERSON**  
**GOVT. OF JHARKHAND**  
**FACTORIES ACT 1948**

Certificate No. JH/CIF/7 COM.10 07/2017 by Inspectorate of Factories, Govt. of Jharkhand

**Scientific & Technical Consultants on Statutory Matters of Factories & Mines. Safety Audit & Structural Stability**