

**QUALITY ASSURANCE TEST CERTIFICATE- FAQ03**

To <b>METAForge ENGG. (INDIA) PVT.LTD.</b> S.NO.22/3 NASIK -DINDORI RD MHASRUL NASIK-422004 LBT NO.NSK 401811.	T.C. No. <b>2640</b>	Date <b>25-Nov-23</b>
	Inv. No. <b>0 211019</b>	Date <b>25-Nov-23</b>
	No Of Coils <b>2</b>	Weight <b>1175</b> In Kgs.

We hereby certify that the material described below fully confirms to your requirement

Type of Wire / Grade **1010** **DAPPD** Batch No. **0**  
Order Size (mm) **6.75** Heat No. **G947769**  
Source

**CHEMICAL COMPOSITION :-**

%C	%Mn	%Si	%P	%S	%Ni	%Cr	%Cu	B(Ppm)	%AL	%V	%Mo	%Pb	%Ti	%Ca	N2 (Ppm)
0.086	0.37	0.100	0.015	0.003	--	--	--	--	0.032	--	--	--	--	--	--

**MECHANICAL & METALLURGICAL PROPERTIES**

Property	Initial Dia. (mm)	UTS Kgf / mm <sup>2</sup>	% RA	Micro Structure	Spherodization	Hardness	Upset Test	Grain Size	Decarb (μ)
<b>Specified Value</b>	6.70/6.75								
<b>Observed Value</b>	6.75	43.98	66.30	ANN.	OK	--	OK	--	--

**INCLUSION RATING AS PER ASTM E - 45A :-**

A		B		C		D	
T	H	T	H	T	H	T	H
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Oil/Quench/Hardness NA

For Vidushi Wires Pvt. Ltd.

**GA**  
(Q. A. Dept)

**VI-C-00768-231126**







# JSW STEEL LIMITED

Vijayanagar Works, PO- Vidyannagar, Village-Toranagalli, Dist: Bellary, Karnataka-583275, INDIA  
Regd. Office: JSW Centre, Bandra Kurla Complex, Bandra (East), Mumbai - 400 051

IS 7887:1992



CM/L-6200053992

**Test Certificate : WRC/23-24/0003163471**  
To M/S. Hifumet Corporation Private Li  
406 90 Feet Road  
Mumbai - 400075 Region: 13

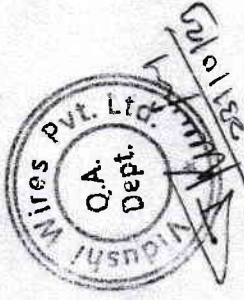
Date : 17.10.2023  
SO No./ Item : 402070802 / 40  
Product : WIRE ROD COIL  
PO No. : 1401520231006134422365086

It is certified that the material described below fully conforms to IS 7887:1992. Chemical composition and Mechanical properties of the product, as tested in accordance with the Scheme of Testing & Inspection contained in the BIS certification marks Licence No. CM/L-6200053992 are as indicated below against each order No. Etc.  
(PLEASE REFER TO IS 7887:1992 FOR DETAILS OF SPECIFICATION REQUIREMENT(S))

## TEST CERTIFICATE FOR MILD STEEL WIRE ROD FOR GENERAL ENGINEERING PURPOSES

### TEST RESULTS

Specification: IS7887_1992 GRADE_3		QTY (MT)	Chemical Composition (%)											Grain Size
Heat No.	Coil No.		C %	Mn %	S %	P %	Si %	Al %	N %	CE	YS (MPa)	UTS (MPa)	EL %	
Mother Coil		Min	0.100	0.70	0.050	0.050	0.100	0.032	0.0045	0.148	270	382	42.00	76
		Max	0.086	0.37	0.003	0.015	0.100	0.032	0.0045	0.148	270	382	42.00	76
6947769	23AWW05730	2.410	0.086	0.37	0.003	0.015	0.100	0.032	0.0045	0.148	270	382	42.00	76
6947769	23AWW05729	2.413	0.086	0.37	0.003	0.015	0.100	0.032	0.0045	0.148	270	382	42.00	76
6947769	23AWW05728	2.400	0.086	0.37	0.003	0.015	0.100	0.032	0.0045	0.148	270	382	42.00	76
6947769	23AWW05727	2.425	0.086	0.37	0.003	0.015	0.100	0.032	0.0045	0.148	270	382	42.00	76
<b>Total Weight in Metric Tonnes</b>		<b>24.050</b>	<b>Grand Total of Coils/Pkts/Bundles/Slab</b>											<b>10</b>



This is to certify that the above mentioned product produced & supplied by us, do not contain any radio active element higher than the natural level and it conforms to Standard Rolling, Dimensional & Weight tolerances. The product or packing material does not contain any hazardous substances as per RoHS norms.

Delivery ID : 714474248	<b>Process Route :</b> BOF-ARS-LHF-CASTER
Invoice No. : 7106114759	<b>Legends:</b> BOF = Basic Oxygen Furnace, LHF = Ladle Heating Furnace, CCM = Continuous Casting Machine, RH = RH Degasser, BRM = Bar Rod Mill, #WRM = Wire Rod Mill
GST Invoice No : 23VJ2900343705	Chemistry = Ladle / Tundish sample analysis; CE= (C+Mn/6), 1Mpa= 1N/mm2 ;
Mode of Transport : Truck	YS= Yield Strength ; UTS = Ultimate Tensile Strength, EL= %age Elongation on standard gauge length
Vehicle No. : NL01AE0878	Decarborisation = Nil ; Surface Condition, Internal Soundness = Satisfactory
Remarks	Authorised Signatory

