

TEST REPORT

Issued To : NOV SARA INDIA PVT.LTD.(DIV II)
A/2 SARA INDUSTRIAL ESTATE LTD
CHAKRATA ROAD RAMPUR SELAQUI

DEHRA DUN-228197

Phone/Fax: 0135-2699190,2699141
Kind Attn: MR.VIJAY

Report No.: 100521002/1005210003

Date: 25-May-2010
DOR 21-May-2010

Sample Description :
S.NO. 4808 H.NO. 10D0554

Your Ref. No. :

ID No -1005210003

<u>S.N</u>	<u>Name of Tests</u>	<u>Results (%)</u>
1.	CARBON	0.04 ✓
2.	SILICON	0.48 ✓
3.	MANGANESE	0.38 ✓
4.	SULPHUR	0.004 ✓
5.	PHOSPHORUS	0.019 ✓
6.	NICKEL	39.55 ✓
7.	CHROMIUM	22.15 ✓
8.	COPPER	1.63 ✓
9.	TITANIUM	0.664 ✓
10.	MOLYBDENUM	2.54 ✓
11.	TUNGSTEN	0.334
12.	NIObIUM	0.005
13.	ALUMINIUM	0.002 ✓
14.	IRON	Remainder



Protocol: OES/XRF



COD-SANJAY GIRI11RA0001IA662



Analyst

Authorised Signatory

M.D. STEELS PVT. LTD.

Manufacturer of High Alloy Centrifugal Casted pipe & Static Casting.

Chemical Results

Sample ID : Inconel 825

Material Part No. :

Customer : M/S Nov Sana India Pvt Ltd
Dehradun

Dimension :

Time of Sample :

Filler metals :

Lab-no. :

Heat treatment :

PO number. B/mas/246/10 dt 8/4/2010

Heat-no. 10 D 0554

Spectro Analysis Foundry-MASTER Grade :

Inconel 825

OK

Inconel 825

	Fe	C	Si	Mn	P	S	Se	Ni
1	33.6	0.0339	0.303	0.335	0.0090	< 0.0030	0.10	2.77
	Ni	Al	Co	Cu	Mo	Ti	V	W
1	38.2	0.0136	0.0665	1.76	0.0703	0.906	0.050	0.006

[Signature]

Sandeep Kumar

Date
4/30/2010

Chemist

Engineer

Address:

F- 669, PHASE - II, RIICO Industrial Area
Bhiwadi, Rajasthan - 301019, India

Tel. : +91-1493-512079, +91-9352781669 Fax: + 91-1493-222483.

Web: www.mdsteels.com, Email: mdsteels@gmail.com