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R. K. INSPECTION & TESTING SERVICES

C.B.B. GOVT. APPD. LAB., COMP. PERSON FOR SMPV (U) RULES 1981 OF C.C.O.E. NAGPUR
SPECTRO/WET ANALYSIS, P.M.I., MECH. TEST, HOT TENSILE, METALLURGICAL ANALYSIS
N.D.T., X-RAY, CIVIL TEST, STRUCTURAL TESTING ETC., U.T.P. INSP.

SPECTRO ANALYSIS REPORT

PARTY : M/s. NOV SARA INDIA (P) LTD.; A/2 SARA INDUSTRIAL ESTATE, CHAKRATA ROAD RAMPUR
SELAQUI DEHRADUN-240001, INDIA

REF : LETTER DT: 04.12.2009

DESC : TEST SAMPLE FOR SPECTRO ANALYSIS

ID. MARK

SAMPLE NO.: 4026

HEAT NO.: 908003

DATE OF TESTING

05.12.2009

W. O. NO.

34574

C	Si	Mn	P	S	Cr	Mo	Ni	Al	Cu	Ti	V
0.078	0.169	0.366	0.022	0.0158	0.038	0.005	0.013	0.021	0.011	0.013	0.002

OK
1008

TESTED BY:

TEST PROCEDURE : ASTM E 1507/ E-1086 - 94/E-415-99

For R.K. INSPECTION & TESTING SERVICES



Note : 1. The results listed refer to the sample submitted for testing.
2. Sample will be destroyed after 30 days unless instructed otherwise.

(Quality Manager)

We undertake testing jobs under Third Party Inspection Agencies e.g.
LLOYDS, PDIL, EIL, IBR, BAX COUNSEL, BUREAU VERITAS, DNV, ABS, IRS, NPC, NTPC, TUV (I) LTD., H&G Etc.
E-mail : rkits_its@yahoo.co.in Visit us at : www.rkits.co.in

**RASHTRIYA ISPAT NIGAM LIMITED**

SAE1008

VISAKHAPATNAM STEEL PLANT

Quality Assurance & Technology Development Department, Visakhapatnam

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TEST CERTIFICATE

Product/Size :	56 mm Round	Customer :
T.C.No.: QMS/R/QAD/RM/15/M004697 - 2	Dt. 27/03/2010	NOV SARA INDIA PVT. LTD. UNIT-II
Order No. EMPC360008013		DEHRADUN
Invoice No.: 2009002269		
Wagon/Truck No.: PB23G 7894		Invoice Wt.(T): 25.910

HEAT NO	908003
No. of Pcs/Bundles	3
C %	0.06
Mn %	0.42
P %	0.039
S %	0.018
Si %	0.140
Al %	0.020
C.E. (IF APPLICABLE)	0.13
YS (N/mm ²)	236
UTS (N/mm ²)	368
%EL	32
%RA	NA
OTHERS	NA
BEND TEST	NA
GRADE	SAE1008

AVERAGE WEIGHT OF EACH BUNDLE IS 8.637 TONS APPROXIMATELY

The material supplied conform to the standard rolling and weight tolerances.

(Signature)
for HOD (QA & TD)
Visakhapatnam Steel Plant
DEHRADUN-245 001

(Signature)
(Signature)
(Signature)