

BSL**SPECTRO LAB**

CERTIFICATE NO.
T - 1452 & T - 1453

METALLURGICAL TESTING CENTRE

(A Unit of BSL Castings Pvt. Ltd.)

(NABL ACCREDITED LAB)

TEST REPORT

WORKS & OFFICE :

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BSL/SPECTRO/5.10F-01/01/00

Issued to : M/s. Sara Sae Pvt. Ltd. Report No. 211797 D.O.T. : 25.03.2013
7/1, Pritam Road, Unit - II, Ref. No. Nil D.O.R. :
Dehra Dun - 248001 Nil 25.03.2013
Sample Description. : Sample No. - 8343, Heat No. - 212072, Dia - 56.0mm J.O. No. : 65280

RESULTS

Chemical Analysis (Fe Base - LAS)

Protocol : ASTM E 415:2008 (By O.E.S)

Sample ID; J.O.No. - 65280/4

<u>Element</u>	<u>%</u>
Carbon	0.065
Silicon	0.276
Sulphur	0.024
Phosphorus	0.025
Manganese	0.412
* Nickel	0.001
* Chromium	0.007
* Molybdenum	0.002
* Vanadium	0.000
* Copper	0.002
* Tungsten	0.001
* Cobalt	0.001
Aluminium	0.036
* Lead	0.000
* Titanium	0.000
* Boron	0.000

Checked By



Authorised Signatory
(Q.M. / T.M.)

- Note :**
- The result listed refer only to the tested samples and applicable parameters, Endorsement of product is neither inferred nor implied.
 - Total Liability of our Laboratory is limited to the invoiced amount. No liability will be accepted after the sample is taken back.
 - *Not Covered under NABL Scope.
 - This report can not be used as an evidence in a court of law.
 - Samples will be destroyed after 15 days.
 - Any Complaints about this report should be communicated within 7 days of issue of this report.
 - This report shall not be reproduced except in full, without the written permission of the Laboratory.
 - # Results found outside the range of NABL accredited scope.



RASHTRIYA ISPAT NIGAM LIMITED

SAE1008

VISAKHAPATNAM STEEL PLANT

Quality Assurance & Technology Development Department, Visakhapatnam

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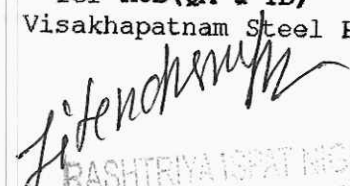
TEST CERTIFICATE

Product/Size :	56 mm Round	Customer :
T.C.No.: QMS/R/QAD/RM/15/M005310 - 4	Dt. 02/04/2013	SARA SAE PRIVATE LIMITED UNIT - II
Order No. EMP3205009020		DEHRADUN
Invoice No.: 2012002878		
Wagon/Truck No.: UK07/CA1044		Invoice Wt.(T): 1.410

HEAT NO	212072
No Of Pcs/Bundles	1
C %	0.07
Mn %	0.46
P %	0.030
S %	0.011
Si %	0.260
Al %	0.035
C.E. (IF APPLICABLE)	0.15
YS (N/mm ²)	283
UTS (N/mm ²)	429
%EL	29
%RA	NA
OTHERS	NA
BEND TEST	
GRADE	SAE1008

AVERAGE WEIGHT OF EACH BUNDLE IS 1.410 TONS APPROXIMATELY

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

for HOD(QA & TD)
Visakhapatnam Steel Plant

RASHTRIYA ISPAT NIGAM LTD.
(A GOVT. OF INDIA ENTERPRISE)
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DEHRADUN-248001
TIN No - 05000000000