



CERTIFICATE NO.
T - 1452 & T - 1453

METALLURGICAL TESTING CENTRE

(A Unit of BSL Castings Pvt. Ltd.)
(NABL ACCREDITED LAB)

TEST REPORT

WORKS & OFFICE :

PLOT NO. 253, SECTOR-24,
FARIDABAD - 121 005 (INDIA)
Ph. No. : 0129-4109800
FAX No. : +91-129-4065535
E.mail : castings@bslid.net

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

Issued to : **M/s. Sara Sae (P) Ltd.** Report No. **211563** D.O.T. : **20.02.2013**
7/1, Pritam Road, Unit - II
Dehra Dun - 248001 Ref. No. **Nil** D.O.R. : **20.02.2013**
Sample No. - 8268, Heat No. - 211538, Dia - 65.0mm J.O. No. : **65208**
Sample Description. :

RESULTS

Chemical Analysis (Fe Base - LAS)
Protocol : ASTM E 415:2008 (By O.E.S.)

Sample ID: J.O.No. - 65208

Element	%
Carbon	0.092
Silicon	0.136
Sulphur	0.016
Phosphorus	0.019
Manganese	0.462
# Nickel	0.002
# Chromium	0.004
# Molybdenum	0.002
# Vanadium	0.000
# Copper	0.002
# Tungsten	0.001
# Cobalt	0.003
Aluminium	0.028
# Titanium	0.000
# Boron	0.000

Checked By



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

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



RASHTRIYA ISPAT NIGAM LIMITED

SAE1008

VISAKHAPATNAM STEEL PLANT

Quality Assurance & Techonology Development Department, Visakhapatnam

TEST CERTIFICATE

Page: 1 of 1

Product/Size :	65 mm Round	Customer :
T.C.No.: QMS/R/QAD/RM/15/M005312 - 1	Dt. 19/02/2013	SARA SAE PRIVATE LIMITED UNIT - II
Order No. EMPC428012004		DEHRADUN
Invoice No.: 2012002492		
Wagon/Truck No.: HR04N1233		Invoice Wt. (T): 29.730

HEAT NO	211538
No Of Pcs/Bundles	4
C %	0.06
Mn %	0.37
P %	0.021
S %	0.013
Si %	0.180
Al %	0.027
C.E. (IF APPLICABLE)	0.12
YS (N/mm ²)	251
UTS (N/mm ²)	370
%EL	34
%RA	NA
OTHERS	NA
BEND TEST	
GRADE	SAE1008

AVERAGE WEIGHT OF EACH BUNDLE IS 7.433 TONS APPROXIMATELY
The material supplied conform to the standard rolling and weight tolerances.

for HOD (QA & TD)
Visakhapatnam Steel Plant

Handwritten signature