



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. 263, SECTOR-24,
FARIDABAD - 121 005 (INDIA)
Ph. No. : 0129-4189800
FAX No. : +91-129-4065535
E.mail : castings@bsltd.net

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

Issued to : M/s. Sara Sae (P) Ltd.
7/1, Pritam Road, Unit - II
Dehra Dun - 248001
Report No. 11473
Ref. No. Nil
D.O.T. : 25.09.2013
D.O.R. : 25.09.2013
J.O. No. : 3042
Sample Description. : Sample No. - 8741, Heat No. - 306978, RCS-90mm

RESULTS

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

Sample ID; J.O.No. - 3042/6

Element	%
Carbon	0.082
Silicon	0.126
Sulphur	0.013
Phosphorus	0.030
Manganese	0.375
# Nickel	0.005
# Chromium	0.010
# Molybdenum	0.001
# Vanadium	0.000
# Copper	0.001
# Tungsten	0.001
# Cobalt	0.002
Aluminium	0.017
# Titanium	0.001
# 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.

11478



RASHTRIYA ISPAT NIGAM LIMITED

SAE1008

VISAKHAPATNAM STEEL PLANT

Quality Assurance & Technology Development Department, Visakhapatnam

Page: 1 of 1

TEST CERTIFICATE

Product/Size :	90X90 mm Billets	Customer :
T.C.No. : QMS/R/QAD/RM/20/M001440	2	Dt. 20/09/2013
Order No.	QMS2148009054	SARA SAE PRIVATE LIMITED UNIT - II
Invoice No. :	2013001110	DEHRADUN
Wagon/Truck No. : MP09HP0633		Invoice Wt. (T) : 15.300

HEAT NO	306978
No OF Pcs/Bundles	2
C %	0.05
Mn %	0.39
P %	0.027
S %	0.006
Si %	0.170
Al %	0.033
C.E. (IF APPLICABLE)	0.12
TS (N/mm ²)	NA
UTS (N/mm ²)	NA
EL	NA
RA	NA
OTHERS	NA
BEND TEST	
GRADE	SAE1008

AVERAGE WEIGHT OF EACH BUNDLE IS 7.650 TONS APPROXIMATELY

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

For HOD(QA & TD)
Visakhapatnam Steel Plant

Sandeep Kumar
RASHTRIYA ISPAT NIGAM LTD.,
A GOVT. OF INDIA ENTERPRISE
1st Floor, 27 F.C. ROAD
DEHRADUN-248 001