

9553

Sample Res

Sample Result Name	Type	Measure Date Time	Recalculation Date Time	Origin
9553 (B-0805) STRIP (25X40/32X32)	Unknown	Tuesday, June 10, 2014	4:17:55 PM	Measured
Method Name	Method Version	Operator Name	Check Type	Check Status
Fe-30-MO		SARA SAE	None	Not Used
Grade Verification Name	Grade Verification Similarity	Correction Type	Type Corr Sample Name	Grade Search Name
	0	None		
Grade Search Similarity	Type	Status	Outlier Removal	
0	None	Not Used		

Sample Name	Grade
9553 (B-0805) STRIP (25X40/32X32)	

	C Conc %	Si Conc %	Mn Conc %	P Conc %	S Conc %	Cr Conc %	Mo Conc %	Ni Conc %	Al Conc %	Co Conc %	Cu Conc %	Nb Conc %	Ti Conc %	V Conc %	W Conc %	Pb Conc %	Sn Conc %	As Conc %	Zr Conc %
1	0.051	0.092	0.43	0.030	0.028	0.064	<0.003	0.029	0.020	<0.005	0.050	<0.005	<0.0010	<0.002	<0.040	0.016	0.007	<0.005	<0.003
2	0.041	0.086	0.44	0.029	0.029	0.062	<0.003	0.026	0.018	<0.005	0.049	<0.005	<0.0010	<0.002	<0.040	0.016	0.009	<0.005	<0.003
5	0.042	0.089	0.46	0.033	0.029	0.065	<0.003	0.032	0.018	0.005	0.055	<0.005	<0.0010	<0.002	<0.040	0.015	0.009	<0.005	<0.003
Rep	0.044	0.089	0.44	0.030	0.029	0.064	0.003	0.029	0.019	0.005	0.052	<0.005	<0.0010	<0.002	<0.040	0.016	0.008	<0.005	0.003
Min Cal	0.006	0.005	0.004	0.003	0.002	0.005	0.003	0.005	0.003	0.005	0.002	0.005	0.0010	0.002	0.040	0.010	0.002	0.005	0.003
Mean	0.044	0.089	0.44	0.030	0.029	0.064	<-0.006	0.029	0.019	<0.004	0.052	<-0.027	<-0.005	<-0.004	<-0.075	0.016	0.008	<-0.003	<0.0005
Max Cal	3.00	5.04	18.12	0.18	0.30	36.00	10.20	55.2	6.24	21.60	7.44	3.60	3.60	12.00	7.32	0.13	0.27	0.13	0.19
	Ca Conc %	B Conc %	Fe Conc %																
1	0.004	0.0007	99.1																
2	0.002	0.0008	99.1																
5	0.002	0.0008	99.1																
Rep	0.003	0.0008	99.1																
Min Cal	0.0005	0.0005																	
Mean	0.003	0.0008	99.3																
Max Cal	0.016	0.025																	

OK in 1008 Grade
Deepali



SHARU STEELS (P) LTD.

B-48 & D-251, Phase-VII, Focal Point, LUDHIANA - 141 010.

E-mail : info@sharusteels.com & sales@sharusteels.com

QUALITY ASSURANCE DEPARTMENT METALLURGICAL TEST REPORT

TEST CERTIFICATE

F-QCD-03



ISO/TS
16949 : 2009
ISO 9001 : 2008
ISO 14001 : 2004

M/S. SARA SAE PRIVATE LIMITED DIVISION-II A-2 SARA INDUSTRIAL ESTATE LTD. CHAKRATA ROAD, SELAQUI RAMPUR DEHRADUN (UTTRAKHAND)	T.C. No. 4216 Date 06-06-2014 Invoice No. Truck No. UA07Q-8166
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GRADE	SIZE	HEAT NO.	MANUFACTURING ROUTE	COLOUR CODE	SUPPLY COND.N.	QNTY. M.T.	NO. OF PCS.
SAE1008	25X40	B-0805	BILLET ROUTE	YELLOW	AS ROLLED	5.510 MT	LOOSE

CHEMICAL COMPOSITION IN PERCENTAGE

	C	Mn	S	P	Si	Ni	Cr	Mo	V	Al	Cu	Sn	Ti	B	Ca
Min.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Max.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Actual	0.10	0.48	0.013	0.032	0.09	-	-	-	-	0.023	-	-	-	-	-

METALLURGICAL RESULTS

INCLUSION RATING IS : 4163/JK CHART/ASTM E-45A									Aust. Grain Size ASTM No. (E-112)	6/7	Gas content (ppm)	
A		B		C		D		Decarb. (MM)	Micro-Structure	P+F	O ₂	
T	H	T	H	T	H	T	H				N ₂	
STD												
MAX												
ACTUAL	1.0		1.0		1.0		1.0	0.5			H ₂	

MECHANICAL PROPERTIES							MACRO	ULTRASONIC TEST	MIX UP TEST
	U.T.S.	Y.S.	EL %	RA %	Impact Value	Hardness B.H.N. / Rb	OK		OK
Reqd.									
Actual									

HARDENABILITY (HRC) AS PER IS : 3848

Distance										
Regd.										
Actual										

Remarks :