

9812

Sample Results

Sample Result Name	Type	Measure Date Time	Recalculation Date Time	Origin
9812 (DIA-40 MM) HNO-S-66	Unknown	Thursday, August 14, 2014	11:20:53 AM	Measured
Method Name	Method Version	Operator Name	Check Type	Check Status
Fe-30-MO		SARA SAE	None	
Grade Verification Name	Grade Verification Similarity	Correction Type	Type Corr Sample Name	Grade Search Name
	0	None		Not Used
Grade Search Similarity	Type	Status	Outlier Removal	
0	None	Not Used		

Sample Name
9812 (DIA-40 MM) HNO-S-66

	C	Si	Mn	P	S	Cr	Mo	Ni	Al	Co	Cu	Nb	Ti	V	W	Pb	Sn	As	Zr
Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc
1	0.094	0.100	0.48	0.026	0.021	0.073	<0.003	0.054	0.050	0.006	0.050	<0.005	<0.0010	0.002	<0.040	<0.010	0.010	<0.005	<0.003
2	0.088	0.089	0.50	0.025	0.025	0.075	<0.003	0.042	0.031	0.005	0.046	<0.005	<0.0010	0.004	<0.040	<0.010	0.015	<0.005	<0.003
3	0.075	0.089	0.49	0.029	0.019	0.073	<0.003	0.048	0.052	0.008	0.045	<0.005	<0.0010	0.005	<0.040	<0.010	0.010	<0.005	<0.003
Rep	0.085	0.093	0.49	0.027	0.022	0.074	0.003	0.048	0.044	0.007	0.047	<0.005	<0.0010	0.004	<0.040	<0.010	0.012	<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	0.085	0.093	0.49	0.027	0.022	0.074	<0.004	0.048	0.044	0.007	0.047	<0.009	<0.004	0.004	<0.047	<0.006	0.012	<0.005	0.003
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	<0.005	<0.0002

	Ca	B	Fe
Conc	Conc	Conc	Conc
1	0.011	<0.0005	99.0
2	0.013	<0.0005	99.0
3	0.006	<0.0005	99.0
Rep	0.010	<0.0005	99.0
Min Cal	0.0005	0.0005	
Mean	0.010	<0.0009	99.1
Max Cal	0.016	0.025	

Quality in 1008 as per
Sec 26-6/5
Durban

8/26/2014

Sample Results



SHARU STEELS (P) LTD.

B-48 & D-251, Phase-VII, Focal Point, LUDHIANA - 141 010.
E-mail : info@sharusteels.com & sharusteels@connect2.dsl.net

QUALITY ASSURANCE DEPARTMENT METALLURGICAL TEST REPORT

TEST CERTIFICATE



M/S. NOV SARA INDIA PRIVATE LIMITED
(UNIT NO.-II)7/1,PRITAM ROAD,

DEHRADUN UTTARAKHAND

T.C. No. 0173

Date 16-04-2011

Invoice No.

Truck No.

GRADE	SIZE	HEAT NO.	MANUFACTURING ROUTE	COLOUR CODE	SUPPLY COND.N.	QNTY. M.T.	NO. OF PCS.
AISI1008	36X36 RCS	S-66	L/HT	YELLOW	AS ROLLED		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	0.41	0.034	0.033	0.15					0.022					

METALLURGICAL RESULTS

INCLUSION RATING IS : 4163/JK CHART/ASTM E-45A									Aust. Grain Size ASTM No. (E-112)	Gas content (ppm)
	A		B		C		D		Decarb. (MM)	
	T	H	T	H	T	H	T	H		
STD MAX									Micro-Structure	
ACTUAL	2.0		1.0		1.5		1.0		OK	O ₂
										N ₂
										H ₂

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

HARDENABILITY (HRC) AS PER IS : 3848

Distance									
Regd.									
Actual									

Remarks :

17 APR 2011
असिस्टेंट कमिश्नर-कृषि एवं
वाणिज्य कर अधिकारी