



Viraj Profiles Limited

INSPECTION CERTIFICATE & MILL TEST CERTIFICATE-DIN 50049/EN 10204 3.1

Customer : STAPPERT SVERIGE AB G. SLATTHULTSVAGEN 3 SE-343 34 ALMHULT SVERIGE	Approved acc. To AD 2000-Merkblatt W0 and certified acc. To PED (97/23/EC) by Certification Body for Pressure Equipment of TUVNORD System (Notified body.reg.no:0045)		MTR NO.	984548/ 2
	STEEL MAKING ROUTE INDUCTION MELTED / AOD		DATE	26.01.2015
	DIMENSIONAL SPECIFICATION DIN 1017 / EN10058 HOT ROLLED ANNEALED & PICKLED(ID) FLAT		GRADE/MATERIAL SPECIFICATION	1.4301/1.4307 AS PER EN 10088-3 EN 10272, AD 2000 W2/W10 AISI 304/304L AS PER ASTM A 276 & ASME SA479

CHEMICAL ANALYSIS (%)

Sl.NO	ITEM DESCRIPTION	ORDER NO	HEAT NO	PIECES	QTY(MT)	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Ti	Co	N
05	120 X 15 MM	322647	97185	9	0.753	0.026	1.330	0.400	0.022	0.035	18.300	8.080	0.380	0.620	0.010	0.160	0.085
06	50 X 5 MM	325293	97834	84	1.013	0.024	0.990	0.370	0.023	0.036	18.200	8.100	0.590	0.480	0.002	0.140	0.080
07	40 X 12 MM	325293	97920	28	0.644	0.020	1.310	0.330	0.022	0.036	18.150	8.060	0.320	0.430	0.003	0.150	0.084
08	40 X 12 MM	325293	97927	15	0.341	0.024	0.970	0.440	0.024	0.039	18.300	8.080	0.310	0.470	0.002	0.180	0.080

MECHANICAL PROPERTIES(EN 10002-1)

HEAT NO	SAMPLE NUMBER	DIRECTION	TEST TEMP. (Deg.C)	TENSILE STRENGTH (N/mm2)	PROF STRESS (N/mm2)		%ELONG-ATION Lo=4D	%REDUC-TION AREA	SPECIMEN SIZE	TEST TEMP. (Deg.C)	CHARPY V-NOTCH(JOULES)			HARDNESS (BHN) (EN 10003-1)
					Rp=0.2%	Rp=1.0%					1	2	3	
97185	890000142093	L	25	658.00	309.00	349.00	46.00	57.00	55 x 10 x 10	25	128.00	130.00	132.00	195.00
97834	890000142051	L	25	671.00	315.00	356.00	45.00	56.00	55 x 10 x 5.0	25	130.00	132.00	126.00	199.00
97920	890000141827	L	25	661.00	311.00	353.00	46.00	57.00	55 x 10 x 10	25	126.00	134.00	132.00	196.00
97927	890000142089	L	25	664.00	312.00	354.00	46.00	57.00	55 x 10 x 10	25	134.00	130.00	133.00	197.00

MARKING

HEAT TREATMENT

DIMENSIONS

ORIENTATION / LOCATION

SURFACE INSPECTION

PMI

INTER-CRYSTALLINE CORROSION TEST

MICRO OBSERVATION

RADIO ACTIVITY TEST

REMARKS

- : SIZE, GRADE, HEAT NO., LOGO & INSPECTOR STAMP
- : SOLUTION ANNEALED AT 1050°C AND WATER QUENCHED
- : CONFORM WITH THE SPECIFICATION
- : STRIP SAMPLE FROM 1/3RD OF FLANGE END
- : SATISFACTORY
- : NO OBJECTION(100% TESTED WITH MOBILE SPECTRO)
- : PASSED IGC TEST IN ACCORDANCE WITH DIN EN ISO 3651-2
- : NO CARBIDE PRECIPITATION OBSERVED ON GRAIN BOUNDARIES
- : MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION
- : MATERIAL IS FREE FROM MERCURY CONTAMINATION, WELDING & WELD REPAIRS

WE CERTIFY THAT THE MATERIAL DESCRIBED ABOVE HAS BEEN TESTED AND COMPLIES WITH THE SPECIFICATION AND REQUIREMENTS OF ORDER/CONTRACT AND IS OF INDIAN ORIGIN.



MANUFACTURER'S SYMBOL



INSPECTOR STAMP

(SAURABH JAIN)

WORKS INSPECTOR

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