

81408

C008967

VIRAJ PROFILES LIMITED



Unit-V
Survey NO 110,111,114/1 C-D 116,119 & 120
Village Mahagoan
Dist: THANE 401 506
MAHARASHTRA,INDIA.

TEST CERTIFICATE

ORDER NO	PACKING LIST NO	INSPECTION NO	DATE
P00964	IMP/905593/17	100000250298	25.10.2009
		GRADE	HEAT No
		316/316L	81408

BUNDLE NO :
5134362

DESCRIPTION
STAINLESS STEEL BRIGHT BARS



ROUGH TURNED

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
11"	ROUND	DIN 1013	12'-14'	1	3,799.000 LB

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0180	1.700	0.470	0.0210	0.0400	16.820	10.650	0.420	2.020	0.150	0.0725

TEST RESULTS

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
38.0	83.0	60.0	72.0	165.0	6.0

SPECIFICATION:

MATERIAL CONFIRMS TO DIN EN 10088-3:2005, EN 10222-5 AND EN 10272 COND-A & ASTM A182/A-182M-06, A276-06 COND A, A479/A479M-06a COND A, A193/A193M-06a B8M CL-1, A320/A320M-05a B8M CL-1, A484 06b, A388/A388M-05, ASME SA182-04, SA479-04, SA 193-04 B8M CL-1, SA320-04 B8M CL-1, ASTM A314-2002, IGC SATISFACTORY AS PER ASTM A 262-02a PRACTICE E, AMS 5648J / AMS 5633P (EXCEPT MARKING), QQ-S-763F, NACB-MR0175-2002, MIL-S-7720A AM2, AISI 316/316L & WNR 1.4401/1.4404 UNS#S31600/S31603. CERTIFICATION AS PER EN 10204-3.1.

REMARKS

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS, MICRO-FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES. MACRO:GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 5 1/2 HRS, WATER QUENCHED. MELT SOURCE:AOD. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION. COUNTRY OF ORIGIN: INDIA.

We hereby certify that the material described above has been tested and complies with the terms of order/contract.

WORKS INSPECTOR
S. SUVARNA.