

VIRAJ PROFILES LIMITED

VIRAJ

0068378

Regi & Mkt off: G-33 & 34, MIDC, Industrial Area, Tarapur, Thane(Dist), Maharashtra, INDIA - 401506, E-Mail: sales@viraj.com
 Works: SURVEY No- 114, 119 & 120, VILL. Mahagaon, Tal: Paigar, Dist: Thane-401501, MAHARASTRA, INDIA. vtelqc@viraj.com

87953

TEST CERTIFICATE

ORDER NO	PACKING LIST NO	INSPECTION NO	DATE
PC 1097	51/930956/14	100001303748	07.10.2011
		GRADE	HEAT No
		316/316L	87953

BUNDLE NO :
5139889

DESCRIPTION
STAINLESS STEEL BRIGHT BARS

FORGED BARS

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
11"	ROUND	DIN 1013	12' - 20'	1	3,629.000 LB

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0170	1.740	0.450	0.0200	0.0460	16.670	10.700	0.520	2.050	0.210	0.0750

TEST RESULTS

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
35.0	82.0	60.0	71.0	160.0	5.0

SPECIFICATION:

MATERIAL CONFIRMS TO DIN EN 10088-3:2005; 1.4401/1.4404, EN 10222-5 AND EN 10270 COND-A & ASTM A182/A-182M-09, A276-10 COND A, A479/A479M-06a COND A, A193/A193M-10a B8M CL-1, A320/A320M-05a B8M CL-1, A484-10, A388/A388M-05, ASME SA182-04, SA-479-04, SA 193-04 B8M CL-1, SA320-04 B8M CL-1, ASTM A314-2002, JCC SATISFACTORY AS PER ASTM A 262-02a PRACTICE E, AMS 56482 / AMS 5653F (EXCEPT MARKING) QQ-S-765F, NACE-MR0175-2002, SAE-AMS-S-7720A, MIL-S-852 B, AISI 316/316L & 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 03 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
K R K MURTHY