

VIRAJ PROFILES LIMITED

C070842
VIRAJ

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: Palgar, Dist: Thane-401501, MAHARASTRA, INDIA. vielqc@viraj.com

87707

TEST CERTIFICATE

ORDER NO	PACKING LIST NO	INSPECTION NO	DATE
P01084	51/931087/9	100001308330	11.10.2011
		GRADE	HEAT No
		316/316L	87707

BUNDLE NO :
5140769

DESCRIPTION
STAINLESS STEEL BRIGHT BARS

FORGED BARS

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
8 1/2"	ROUND	DIN 1013	12'-20'	1	2,767,000 LB

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0180	1.740	0.500	0.0200	0.0480	16.760	10.700	0.440	2.030	0.180	0.0800

TEST RESULTS

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
36.0	83.0	60.0	73.0	162.0	5.0

SPECIFICATION:

MATERIAL CONFIRMS TO DIN EN 10088-3:2005, L4401/L4404, EN 10222-3 AND EN 10272 COND-A & ASTM A182/A-182M-09, A276-10 COND A, A276/A276M-06 COND A, A193/A193M-10 B8M CL-1, A320/A320M-05 B8M CL-1, A184-10, 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 362-02a PRACTICE E, AMS 5643 / AMS 5651 (EXCEPT MARKING), QQ-S-763E, NACE-MR0175-2002, SAE-AMS-S-7720A, MIL-S-362 B, AISI 316/316L & UNS S31600/S31603. CERTIFICATION AS PER EN 10204-J1.

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 & NEALING TEMPERATURE 1050C, SOAKING TIME 24 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