

75979

C001196

VIRAJ PROFILES LIMITED

10 IMPERIAL CHAMBERS, 1ST FL.,
WILSON ROAD, BALLARD ESTATE,
MUMBAI 400 038 (INDIA)

TEST CERTIFICATE

ORDER NO. P-828	PACKING LIST NO. IMP/18760	INSPECTION NO IMP/18760/4	DATE 18/11/2007
BUNDLE NO. 251818			GRADE 316/316L

DESCRIPTION :
STAINLESS STEEL BRIGHT BARS

ROUGH TURNED

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
10 3/4	ROUND	RT	12FT - 20FT	1	3668

CHEMICAL ANALYSIS

HEAT NO.	75979									
C	Mn	SI	S	P	NI	Cr	Mo	Cu	N	Co
0.020	1.82	0.49	0.021	0.040	10.60	16.90	2.02	0.34	0.080	0.20

TEST RESULT

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
38	83	59	74	168	5

Specification :

MATERIAL CONFIRMS TO 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, A 388/A388M-05,ASME SA182-04,SA479-04, SA 193-04 B8M CL-1, SA320-04 B8M CL-1. IGC SATISFACTORY AS PER ASTM A 262-02a PRACTICE E AMS 5648J,QQ-S-763F,NACE-MR-0175-2002,MIL-S-7720A MIL- S-982B, AISI 316/316L UNS#S31600/S31603. CERTIFICATION AS PER EN 10204-3.1B. EN 10272 COND A, DIN EN 10088-3: 2005: 1.4401/1.4404, EN 10222-5, ASTM A314-2002, AMS 5653F(EXCEPT MARKING)

Remarks :

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS, MICRO:FREE FROM CONTINOUS CARBIDE NETWORK ON GRAIN BOUNDARIES. MACRO:GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 00 HRS, WATER QUENCHED, MELT SOURCE:AOD.COUNTRY OF ORIGINE:INDIA

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

WORKS INSPECTOR
S. SUVARNA