

VIRAJ PROFILES LIMITED

2nd TBR.

E189663

10 IMPERIAL CHAMBERS, 1ST FLOOR,
WILSON ROAD, BALLARD ESTATE,
MUMBAI - 400038 INDIA

TEST CERTIFICATE

CUSTOMER :

ORDER NO.
P00884

PACKING LIST NO.
IMP/101306

INSPECTION NO
IMP/101306/14

DATE
27/11/2008

BUNDLE NO.
2036116,2036127

GRADE
315/316L

DESCRIPTION :
STAINLESS STEEL BRIGHT BARS

78904

PEELED & POLISHED

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
2 1/8	ROUND	ASTM A484	12' - 14'	20	3069

CHEMICAL ANALYSIS

HEAT NO.											
C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	Co	
0.028	1.45	0.53	0.023	0.039	10.10	16.35	2.04	0.48	0.067	0.16	

TEST RESULT

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
42	94	58	71	176	6

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-06a B8M CL-1, A484 06b, A368/A368M-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 AM2, AISI 316/316L UNS#S31600/S31603. CERTIFICATION AS PER EN 10204-3.1B, EN 10272, EN 1.4404

Remarks :

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD WELD REPAIRS, MICRO: FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES, MACRO: GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 1 1/2 HRS, WATER QUENCHED, COUNTRY OF ORIGIN INDIA.

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

Suvarna
WORKS INSPECTOR
S.SUVARNA