

79854

**VIRAJ PROFILES LIMITED**

E 20409

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

**TEST CERTIFICATE**

ORDER NO.  
P00912

PACKING  
LIST NO.  
IMP/101889

INSPECTION NO  
IMP/101889/9

DATE  
10/04/2009

BUNDLE NO.  
2047902,2047941

GRADE  
316/316L

DESCRIPTION :  
STAINLESS STEEL BRIGHT BARS

**SMOOTH TURNED**

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
3 3/4	ROUND	ASTM A484	12' - 14'	7	3671

**CHEMICAL ANALYSIS**

HEAT NO.											
C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	Co	
0.022	1.42	0.54	0.027	0.040	10.10	16.28	2.02	0.50	0.062	0.17	

**TEST RESULT**

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
40	85	61	72	171	6

**Specification :**

MATERIAL CONFIRMS TO ASTM A276-00a, A 479-01, A484-00, A282-98 RMS 50, ASTM A193-01b B8M CL1, A380-95ED, A182-01a, AMS 5648// ASME SA-182-88ED, SA479-98ED, SA-193-98 B8M CL1, GJ-S-763F, MILL-S-7720A AM2., NACE-MR-01-75-08, UNS S31600/S31603, ASTM E 112-88(GRAIN SIZE), CERTIFICATION AS PER EN 10201-3.18

**Remarks :**

MATERIAL IS FREE MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS, MICRO-FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES, MACRO-GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, WATER QUENCHED, SOAKING TIME: 02 HRS. COUNTRY OF ORIGIN:INDIA. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION.

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

**WORKS INSPECTOR**  
**S. SUVARNA**