

72385

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**VIRAJ IMPOEXPO LIMITED**

10, IMPERIAL CHAMBERS 1ST FLOOR,  
WILSON ROAD, BALLARD ESTATE,  
MUMBAI - 400 030, INDIA.

**TEST CERTIFICATE**

**CUSTOMER:**

ORDER NO. P-701	PACKING LIST NO. IMP/16248	INSPECTION NO IMP/16248/2	DATE 13/08/2008
BUNDLE NO. 192817,192828,192829,192775,192784,192816,192819,192828,192827			GRADE 316/316L

**DESCRIPTION :**  
STAINLESS STEEL BRIGHT BARS

**ROUGH TURNED**

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
5	ROUND	RT	12' - 14'	17	15995

**CHEMICAL ANALYSIS**

HEAT NO. 72385

C	Mn	SI	S	P	NI	Cr	Mo	Cu	N	Co
0.022	1.81	0.46	0.020	0.037	10.45	16.42	2.06	0.10	0.059	0.18

**TEST RESULT**

2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
37	88	54	68	170	8

**Specification :**

MATERIAL CONFIRMS TO ASTM A276-00B, A 479-01, A484-00, A287-00 PRACTICE E, RMS 60, ASTM A192-01D B8M CL1, A388-05ED, A192-01B AMS 5948/5963E, ASME SA-192-08ED, SA479-08ED, SA-192-08 B8M CL1, CC-5-763F, MILL-E-7720A AM2, NACE-MR-01-75-08, UNS75318 00/631803, ASTM E 112-88(GRAIN SIZE), CERTIFICATION AS PER EN 10204-3.1B.

**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 10500, WATER QUENCHED.

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

  
**WORKS INSPECTOR**  
 K. R. K. MURTHY

COPY