

72414

**VIRAJ IMPOEXPO LIMITED**

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

**TEST CERTIFICATE**

**CUSTOMER :**

**ORDER NO .**  
P-693

**PACKING LIST NO.**  
IMP/16077

**INSPECTION NO**  
IMP/16077/1

**DATE**  
16/07/2006

**BUNDLE NO .**  
169848

**GRADE**  
316/316L

**DESCRIPTION :**  
STAINLESS STEEL BRIGHT BARS

**ROUGH TURNED**

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
13	ROUND	RT	12' - 14'	1	5816

**CHEMICAL ANALYSIS**

HEAT NO.	C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	Co
72414	0.018	1.80	0.49	0.021	0.035	10.55	16.68	2.03	0.45	0.060	0.19

**TEST RESULT**

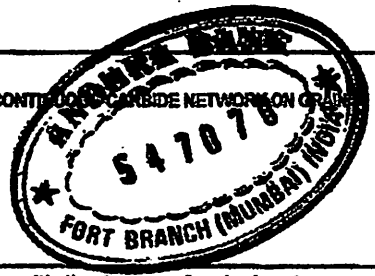
.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
38	80	59	73	168	5

**Specification :**

MATERIAL CONFIRMS TO ASTM A276-00a, A 479-01, A484-00, A282-88 PRACTICE E, RMS 50, ASTM A193-01b B8M CL1, A389-65ED, A182-01a AMS 5848/J5853E, ASME SA-182-89ED, SA479-68ED, SA-182-88 B8M C L1, QQ-S-763F, MILL-S-7720A AM2, NACE-MR-01-75-68, UNS#S316 00/S31603, 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 1050C, 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 )

E14914