

HT# 72463

VIRAJ IMPOEXPO LIMITED

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

TEST CERTIFICATE

CUSTOMER :

ORDER NO .
P-863

PACKING LIST NO.
IMP/18110

INSPECTION NO
IMP/18110/1

DATE
23/07/2008

BUNDLE NO .
189980

GRADE
316/316L

DESCRIPTION :
STAINLESS STEEL BRIGHT BARS

ROUGH TURNED

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
10 3/4	ROUND	RT	12' - 14'	1	3752

CHEMICAL ANALYSIS

HEAT NO.	72483										
	C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	Co
	0.020	1.81	0.46	0.020	0.039	10.58	16.80	2.06	0.46	0.077	0.20

TEST RESULT

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
38	89	60	70	156	5

Specification :

MATERIAL CONFORMS TO ASTM A276-02a, A 479-01, A484-00, A282-88 PRACTICE E, RMS 80, ASTM A193-01b B8M CL1, A285-85ED, A162-01a AMS 8648/J3653E, ASME SA-192-82ED, SA479-02ED, SA-193-88 B8M C L1, QQ-S-763F, MILL-S-7720A AM2, NACE-MR-01-75-88, 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 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.

(Signature)
WORKS INSPECTOR
(K. R. K. MURTHY)

E15094