

VIRAJ IMPOEXPO LIMITED

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

71991

TEST CERTIFICATE

CUSTOMER :

ORDER NO .
P-881

PACKING LIST NO.
IMP/15713

INSPECTION NO
IMP/15713/3

DATE
12/05/2008

BUNDLE NO .

182087,182088,182094,182110,182111,182116,182117,182152,182160

GRADE
318/316L

DESCRIPTION :

STAINLESS STEEL BRIGHT BARS

SMOOTH TURNED

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
3 3/4	ROUND	ASTM A484	12' - 14'	29	14693

CHEMICAL ANALYSIS

HEAT NO. 71981

C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	Co
0.029	1.60	0.44	0.021	0.039	10.04	16.36	2.03	0.40	0.072	0.20

TEST RESULT

0.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
40	83	60	73	160	8

Specification :

MATERIAL CONFIRMS TO ASTM A276-00a, A 479-01, A484-00, A282-99 PRACTICE E, RMS 50, ASTM A193-01b B8M CL1, A388-95ED, A182-01a AMS 5648/5663E, ASME SA-182-98ED SA479-98ED, SA-193-98 B8M C L1, QQ-S-763F, MILL-S-7720A AM2, NACE-MR-01-75-98, UNS S316 00/831603, 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)

E16800