

72492

VIRAJ IMPOEXPO LIMITED

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

60785

TEST CERTIFICATE

CUSTOMER:

VIRAJ USA INC,
262 WEST, 38TH STREET
SUITE 401, NEW YORK, NY10018

ORDER NO.
L16203

BUNDLE NO.
99189717

PACKING LIST NO.
IMP/16085

INSPECTION NO
BAP/16085/1

DATE
19/07/2008

GRADE
T-316/S16L

DESCRIPTION :

STAINLESS STEEL BRIGHT BARS

ROUGH TURNED

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
13	ROUND	RT	12' - 20'	1	5922

CHEMICAL ANALYSIS

HEAT NO.											
72422											
C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	Co	
0.022	1.83	0.47	0.020	0.037	10.70	16.70	2.16	0.38	0.064	0.20	

TEST RESULT

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
37	84	62	74	165	5

Specification :

MATERIAL CONFORMS TO ASTM A276-00a COND. A, A479-01 COND A, A192-01B B3M CL1, A320-01 B3M CL1, ASME SA 192-00 (CHEMISTRY ONLY) ASME SA479-00 COND A, SA192-00 B3M CL1 SA 320-00 B3M CL1, AISI Q1-S-763A COND A (EXCEPT MARKING), AMS 5648J, AMS 5652E (EXCEPT MARKING), UNS-S-31600/S-31603 ASTM A182-01b (CHEMISTRY ONLY), NACE-MR-0175, GRAIN SIZE AS PER ASTM E112-06a1; IMPROVED MACHINABILITY QUALITY, INTERGRANULAR CORROSION TEST PASSED IN ACCORDANCE WITH ASTM A262-08 PRACTICE E.

Remarks :

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS. MICRO-FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES. MACRO:GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 1hr/inch, WATER QUENCHED, MELT SOURCE:ADD.

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


WORKS INSPECTOR