

77473.

VIRAJ PROFILES LIMITED

10 IMPERIAL CHAMBERS, 1ST FLOOR,
WILSON ROAD, BALLARD ESTATE,
MUMBAI - 400028 INDIA.

TEST CERTIFICATE

CUSTOMER :

ORDER NO.
P-00856

BUNDLE NO.
2705870

PACKING
LIST NO.
IMP/19871

INSPECTION NO
IMP/19871/3

DATE
06/06/2008

GRADE
316/316L

DESCRIPTION :
STAINLESS STEEL BRIGHT BARS

ROUGH TURNED

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
11	ROUND	RT	10' - 14'	1	3735

CHEMICAL ANALYSIS

HEAT NO. 77473

C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	Co
0.022	1.81	0.42	0.023	0.035	10.52	16.80	2.05	0.36	0.078	0.18

TEST RESULT

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
36	83	62	74	103	5

Specification :

MATERIAL CONFIRMS TO ASTM A276-05a, A 479-05b, A484-00, A262-0 RMS 50, ASTM A165-01b BSM CL1, A389-03ED, A182-01a, AMS 5648J/ ASME SA-182-05ED, SA479-04ED, SA-193-09 BSM CL1, QQ-S-763F, MILL-S-7720A AM2, NACE-MR-01-75-08, UNS#S31600/S31603, ASTM E 112-88(GRAIN SIZE), CERTIFICATION AS PER EN 10201-3.1B.

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.SOAKING TIME 08 HRS WATER QUENCHED COUNTRY OF ORIGIN:INDIA

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

S. Suvarna
WORKS INSPECTOR
S. SUVARNA

E/16900