

77317

VIRAJ PROFILES LIMITED

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

TEST CERTIFICATE

CUSTOMER :

ORDER NO.
P00889

PACKING
LIST NO.
IMP/18823

INSPECTION NO
IMP/18823/18

DATE
01/09/2008

BUNDLE NO.
2704734

GRADE
316/316L

DESCRIPTION :
STAINLESS STEEL BRIGHT BARS

ROUGH TURNED

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
9	ROUND	DIN 1013	12' - 14'	1	2848

CHEMICAL ANALYSIS

HEAT NO. 77317

C	Mn	SI	S	P	Ni	Cr	Mo	Cu	N	Co
0.020	1.94	0.44	0.022	0.037	10.65	16.80	2.02	0.42	0.082	0.17

TEST RESULT

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
37	82	61	74	165	5

Specification :

MATERIAL CONFIRMS TO ASTM A276-00a, A 470-01, A484-00, A262-98 RMS 60, ASTM A193-01b BSM CL1, A388-06ED, A182-01d, AMS 5548J/ ASME SA-182-08ED, SA479-98ED, SA-193-98 BSM CL1, QQ-S-783F, MIL-S-7720A AM2, NACE-MR-01-75-98, UNS#931600/31603, ASTM E 112-88(GRAIN SIZE), CERTIFICATION AS PER EN : 0201-3.18.

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.

Suvarna
WORKS INSPECTOR
S. SUVARNA

E16895