

VIRAJ PROFILES LIMITED

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

LAC '310 22 76151

TEST CERTIFICATE

CUSTOMER :

FIDELITY STAINLESS LTD.
2213 NORTH SHERIDAN WAY
MISSISSAUGA, ON L5K 1A3
CANADA.

ORDER NO .

P-838

PACKING LIST NO.

IMP/19147

INSPECTION NO

IMP/19147/6

DATE

18/01/2008

BUNDLE NO .

14116

GRADE

316/316L

DESCRIPTION :

STAINLESS STEEL BRIGHT BARS

ROUGH TURNED

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
11	ROUND	RT	12FT - 14FT	1	3369

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	Co
76151	0.020	1.81	0.48	0.028	0.036	10.60	16.78	2.05	0.44	0.075	0.16

TEST RESULT

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
36	80	57	72	162	5

Specification :

MATERIAL CONFIRMS TO ASTM A276-00a, A 479-01, A484-00, A282-98 RMS 50, ASTM A193-01b B8M CL1, A388-95ED, A182-01a, AMS 5848/J ASME SA-182-98ED, SA478-98ED, SA-193-98 B8M CL1, QQ-S-763F, MILL-S-7720A AM2., NACE-MR-01-75-98, 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, WATER QUENCHED

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

A.M. CASTLE METALS
7420 51 AVENUE
EDMONTON, ALBERTA T6B 3C1
780-461-5757 (800) 806-6660
FAX 780-461-5818

Suvarna
WORKS INSPECTOR
S. SUVARNA