

76560

1A0: 31022

VIRAJ PROFILES LIMITED

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

TEST CERTIFICATE

CUSTOMER :

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

ORDER NO .
P-829

BUNDLE NO .
15020

PACKING LIST NO.
IMP/19147

INSPECTION NO
IMP/19147/1

DATE
18/01/2008

GRADE
316/316L

DESCRIPTION :

STAINLESS STEEL BRIGHT BARS

ROUGH TURNED

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
11	ROUND	RT	12FT - 20FT	1	3959

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	SI	S	P	NI	Cr	Mo	Cu	N	Co
76560	0.026	1.72	0.45	0.029	0.038	10.70	16.67	2.04	0.47	0.082	0.17

TEST RESULT

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
34	80	63	74	152	5

Specification :

MATERIAL CONFIRMS TO ASTM A276-96 COND. A, A479/A479M-06a CON A, A193/A193M-06a B8M CL1, A320/A320M-05a B8M CL1 ASME SA 182-98(CHEMISTRY ONL ASME SA479-98 COND A, SA193-98 B8M CL1 SA 320-98 B8M CL1, AMS QQ-S-7638-06 COND A (EXCEPT MARKING), AMS 5648J, AMS 5653F(EXCEPT MARKING), UNS-31600/S-31603 ASTM A182/A182M-06 (CHEMISTRY ONLY), NACE-MR-0175, GRAIN SIZE AS PER ASTM E112-96e1, IMPROVED MACHINABILITY QUALITY, INTERGRANULAR CORROSION TEST PASSED IN ACCORDANCE WITH ASTM A262-02a PRACTICE E, CERTIFICATE AS PER EN 10204-3.1b.

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:AOD

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