

SANTIS INDUSTRIES INC. P.O. - DARKO S.O. - 346676

78824

VIRAJ PROFILES LIMITED10 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 .**
P00899**BUNDLE NO .**
2720922**PACKING
LIST NO.**
IMP/101342**INSPECTION NO**
IMP/101342/7**DATE**
28/11/2008**GRADE**
316/316L**DESCRIPTION :**

STAINLESS STEEL BRIGHT BARS

ROUGH TURNED

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
8 1/2	ROUND	DIN 1013	10' - 14'	1	2851

CHEMICAL ANALYSIS

HEAT NO.	78824										
C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	Co	
0.023	1.74	0.52	0.020	0.040	10.68	16.81	2.04	0.49	0.079	0.18	

TEST RESULT

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
37	83	63	71	167	5

Specification :

MATERIAL CONFIRMS TO ASTM A182/A-182M-06, A276-06 COND A, A479/A479M-08a COND A, A193/A193M-06a B8M CL-1, A320/A320M-05a B8M CL-1, A484 06b, A388/A388M-05, ASME SA182-04, SA479-04, SA 193-04 B8M CL-1, SA320-04 B8M CL-1 IGC SATISFACTORY AS PER ASTM A 262-02a PRACTICE E AMS 5648J QQ-S-763F, NACE-MR-0175-2002, MIL-S-7720A AM2 AISI 316/316L UNS#S31600/S31603. CERTIFICATION AS PER EN 10204-3.1B.

Remarks :

MATERIAL IS FREE FROM MERCURY CONTAMINATION. FREE FROM WELD WELD REPAIRS. MICRO: FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES. MACRO: GOOD. MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C. SOAKING TIME 04 HRS. WATER QUENCHED. COUNTRY OF ORIGIN INDIA.

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

Suvarna
WORKS INSPECTOR
S SUVARNA