

65065

**VIRAJ IMPOEXPO LIMITED**

10, IMPERIAL CHAMBERS, 1ST FLOOR,  
MILSON ROAD, BALLARD ESTATE  
MUMBAI - 400 038 INDIA

**TEST CERTIFICATE**

**CUSTOMER :**

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

ORDER NO.  
P50164

PACKING  
LIST NO.  
IMP/12445

INSPECTION NO  
IMP/12445/11

DATE  
26/12/2003

BUNDLE NO.  
102846,102882

C- 54361068  
4- 65065  
P- 031248

GRADE  
316/316L

**DESCRIPTION :**

STAINLESS STEEL BRIGHT BARS

**SMOOTH TURNED**

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
2 1/8	ROUND	ASTM A484	12' - 14'	17	2692

**CHEMICAL ANALYSIS**

HEAT NO. 65065

C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	Co
0.024	1.42	0.47	0.023	0.038	10.15	16.35	2.05	0.35	0.065	0.20

**TEST RESULT**

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
40	88	58	72	175	6

**Recification :**

MATERIAL CONFIRMS TO ASTM A276-00a, A 479-01, A484-00, A262-98 PRACTICE E, RMS 50, ASTM A193-01b B8M CL1, A388-95ED, A182-01b AMS 5648J/5653E, ASME SA-182-98ED, SA179-98ED, SA-193-98 B8M C L1, QQ-S-763F, MILL-S-7720A AM2., NACE-MR-01-75-08, UNS#S316 00/S31603, ASTM E 112-88(GRAIN SIZE), CERTIFICATION AS PER EN 10204-3.1B.


**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.

**CORUS APPROVED**

-02- 1 6 2004

BY: 

  
**WORKS INSPECTOR**  
( T.M. KRISHNAN )