

MTR#: VJRB1963712 Customer#: ASAALB PO#: P017550 SO#: LCF267
 Item#: RB6L0800 Bundle#: VJ2007620 Heat#: 77049

E17939

VIRAJ IMPOEXPO

(A DIVISION OF VIRAJ PROFILES LTD)
 10 IMPERIAL CHAMBERS, 1ST FLOOR,
 WILSON ROAD BALLARD ESTATE
 MUMBAI 400038-INDIA

TEST CERTIFICATE

CUSTOMER:
 VIRAJ USA INC.
 282 WEST 38TH ST. # 1103
 NEW YORK, NY 10018

ORDER NO.
 L22849
BUNDLE NO.
 2007620

PACKING LIST NO. IMP119637
INSPECTION NO. IMP119637/12

DATE
 01/04/2008

GRADE
 T-316G16L

DESCRIPTION:
 STAINLESS STEEL BRIGHT BARS

77049

ROUGH TURNED

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
9	ROUND	RT	12' - 20'	1	2839

CHEMICAL ANALYSIS

HEAT NO.											
C	Mn	Si	S	P	NI	Cr	Mo	Cu	N	Co	
0.024	1.81	0.51	0.022	0.039	10.60	16.74	2.05	0.41	0.076	0.19	

TEST RESULT

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
35	82	61	72	165	5

Specification:

MATERIAL CONFIRMS TO ASTM A276-06 COND. A, A479/A479M-06a CON A, A193/A193M-06a B8M CL1, A320/A320M-05a B8M CL1 ASME SA 162-08 (CHEMISTRY ONL' ASME SA479-98 COND A, SA193-08 B8M CL1, SA320-98 B8M CL1, AND Q-Q-7898-06 COND A (EXCEPT MARKING), AMS 5648J, AMS 5653F (EXCEPT MARKING), UNS S16078-31603 ASTM A182/A182M-08 (CHEMISTRY ONLY), NACE-MR-0176, GRAIN SIZE AS PER ASTM E112-86e1, IMPROVED MACHINABILITY QUALITY, INTERGRANULAR CORROSION TEST PASSED IN ACCORDANCE WITH ASTM A276-02a PRACTICE L, 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/1inch., WATER QUENCHED, MELT SOURCE:AOD.

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

Suvarna
 WORKS INSPECTOR
 S. SUVARNA