

73679

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**VIRAJ IMPOEXPO**  
(A DIVISION OF VIRAJ PROFILES LTD.)

10 IMPERIAL CHAMBERS, FIRST FLOOR,  
WILSON ROAD, BALLARD ESTATE,  
MUMBAI - 400 008 (INDIA)

**INSPECTION CERTIFICATE**

**CUSTOMER :**  
ASA ALLOYS INC.  
81 STEINWAY BLVD.  
ETOBICOKE, ONTARIO,  
CANADA, M9W 6H8.

**ORDER NO.**  
PO#061233-CV

**PACKING LIST NO.**  
IMP/17446

**INSPECTION NO.**    **DATE**  
IMP/17446/5        23/02/2007

**GRADE**  
1.4404/316L

**BUNDLE NO** 218080

**DESCRIPTION :**  
STAINLESS STEEL ROUND BARS L/C NO.: 964 LBI 6703 DT.: 09/03/2007

**ROUGH TURNED**

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT LBS.
6 1/4 INCH	ROUND	RT	12 FT - 20 FT	2	2131.867

**CHEMICAL ANALYSIS**

<b>HEAT NO. 73679</b>										
C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	Co
0.020	1.84	0.42	0.020	0.038	10.20	16.89	2.01	0.34	0.073	0.20

**TEST RESULT**

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
38	79	62	74	160	5

**Specification:**

MATERIAL CONFIRMS TO ASTM A278-05a, A193/A193M-05 B8MCL1,  
A182/A182M-2001, A479/A479M-05a, ASME SA182-07,  
SA193-05 B8MCL1, SA478-07, QCS-753F,  
AMS 8648J/5553E, NACE MR01-75 - 98,  
I.G.C. SATISFACTORY AS PER ASTM A262 PRACTICE E, DIN 50614  
MATERIAL CONFIRMS TO EN 10088-3, DIN17440  
CERTIFIED AS PER 10204-3.1B

**Remarks:**

MATERIAL IS FREE FROM MERCURY CONTAMINATION  
FREE FROM WELD OR WELD REPAIR.  
MICRO STRUCTURE : FREE FROM CONTINUOUS CARBIDE NETWORK.  
MACRO STRUCTURE : GOOD, MINIMUM SOLUTION ANNEALING  
TEMPERATURE 1050C, WATER QUENCHED

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

E15067

*[Signature]*  
**WORKS INSPECTOR**