

VIRAJ IMPOEXPO

(A DIVISION OF VIRAJ PROFILES LTD)
 10 IMPERIAL CHAMBERS FIRST FL.
 WILSON RD. BALLARD ESTATE
 MUMBAI 400038 INDIA

75683

ORIGINAL

*61346***INSPECTION CERTIFICATE****CUSTOMER :**

ASA ALLOYS INC
 81 STEINWAY BLVD
 ETOBICOKE, ONTARIO
 M9W 6H6, CANADA

ORDER NO .

PO#083437-CV

PACKING LIST NO

IMP/18547

IMP/18547/A

DATE

01/10/2007

BUNDLE NO .

246090,246274,246298

GRADE
 316/316L

DESCRIPTION :

STAINLESS STEEL ROUND BAR

ROUGH TURNED

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (INC)	PIECES	WEIGHT (LBS)
8.14"	ROUND	+ .125/- .06	174 7/8 INCH (-0/	3	7944

CHEMICAL ANALYSIS

HEAT NO. 75683

C	Mn	SI	S	P	NI	Cr	Mo	Cu	N	Co
0.020	1.80	0.40	0.021	0.040	10.55	16.86	2.04	0.42	0.062	0.20

TEST RESULT

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
37	80	61	74	160	5

Specification :

MATERIAL CONFIRMS TO ASTM A276-05a, A193/A193M-05 B8MCL1, A182/A182M-2001, A479/A479M-05a, ASME SA182-97, SA193-98 B8MCL1, SA479-97, QCS-763E, AMS 5648/J5953E, NACE MR01-76 - 98, MIL 7720A I.G.C. SATISFACTORY AS PER ASTM A282 PRACTICE E. DIN 50914 MATERIAL CONFIRMS TO EN 10088-3, DIN17440 CERTIFIED AS PER 10204-3.1B, EN 1.4404

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

[Signature]
WORKS INSPECTOR