

VIRAJ IMPOEXPO

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

74845

ORIGINAL

61348

INSPECTION CERTIFICATE**CUSTOMER :**

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

ORDER NO .

PO#063437-CV

PACKING LIST NO INSPECTION NO

IMP/18547 IMP/185472

DATE

01/10/2007

BUNDLE NO .

244908,245210

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/	2	5319

CHEMICAL ANALYSIS

HEAT NO.											
74845											
C	Mn	Si	S	P	NI	Cr	Mo	Cu	N	Co	
0.020	1.73	0.49	0.021	0.037	11.00	16.60	2.01	0.60	0.063	0.20	

TEST RESULT

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
38	83	60	74	170	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, QQS-763E, AMS 5648/J15653E, NACE MR01-75 - 98, MIL 7720A I.G.C. SATISFACTORY AS PER ASTM A262 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.


WORKS INSPECTOR