

HT # 71283

48789

VIRAJ IMPOEXPO LIMITED

10 IMPERIAL CHAMBER FIRST FLOOR
WILSON ROAD, BALLARD ESTATE
BOMBAY, 400038 INDIA

INSPECTION CERTIFICATE

CUSTOMER :

ASA ALLOYS INC.
81 STEINWAY BLVD,
ETOBICOKE, ONTARIO,
CANADA, M9H 6H5.

ORDER NO .
PO#055492-CV

BUNDLE NO .
173369,173410

PACKING LIST NO.
IMP/15362

INSPECTION NO
IMP/15362/6

DATE
24/02/2006

GRADE
316/316L

DESCRIPTION :

STAINLESS STEEL ROUND BARS, VARIOUS SIZES L/C NO.: 964 LBI 5409 DT.: 24/02/2006

ROUGH TURNED

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
11	ROUND	DIN 1013	11' - 13'	2	6966

CHEMICAL ANALYSIS

HEAT NO.	C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	Co
71283	0.018	1.82	0.46	0.024	0.040	10.60	16.62	2.00	0.45	0.077	0.19

TEST RESULT

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
38	82	60	72	160	5

Specification :

MATERIAL CONFIRMS TO ASTM A276-00a, A193/A193M-2001 B8MCL1, A182/A182M-2001, A479/A479M-2001, ASME SA182-97, SA193-98 B8MCL1, SA479-97, QQS-763F, AMS 5648J/5653E, NACE MR01-75 - 88. I.G.C. SATISFACTORY AS PER ASTM A262 PRACTICE E.

Remarks :

MATERIAL IS FREE FROM MERCURY CONTAMINATION FREE FROM WELD OR WELD REPAIR. MICRO STRUCTURE : FREE FROM CONTINOUS 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.

AW
WORKS INSPECTOR