

VIRAJ PROFILES LIMITED

10 IMPERIAL CHAMBERS, FIRST FLOOR,
WILSON ROAD, BALLARD ESTATE,
MUMBAI 400038 INDIA

3" TBR.

E18010

INSPECTION CERTIFICATE

CUSTOMER :
ASA ALLOYS EDMONTON
20 CHALANGER CRES.
SHERWOOD PARK, EDMONTON
ALBERTA, CANADA, T8H 2R1

ORDER NO .
P016666
BUNDLE NO .
2034707,2035172

PACKING LIST NO. IMP/101389
INSPECTION NO IMP/101389/4

DATE
05/12/2008

GRADE
316/316L

16395

DESCRIPTION :
STAINLESS STEEL ROUND BARS L/C NO.: 1700373 DT.: 29/01/09

PEELED & POLISHED

SIZE (INC)	SHAPE	TOLERANCE	LENGTH (FT)	PIECES	WEIGHT (LBS)
3 1/4	ROUND	ASTM A484	18' R/L	5	2828

CHEMICAL ANALYSIS

HEAT NO.											
C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	Co	
0.017	1.47	0.41	0.021	0.036	10.03	16.28	2.02	0.47	0.059	0.18	

TEST RESULT

.2% YIELD STRENGTH KSI	TENSILE STRENGTH KSI	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
39	86	6t	71	169	6

Specification :

MATERIAL CONFIRMS TO ASTM A276-06, A193/A193M-05 B8MCL1, A182/A182M-2006, A479/A479M-06a, ASME SA182-97, SA193-98 B8MCL1, SA479-97, QCS-763F, AMS 5648J/5653E, NACE MR01-75 - 03. TEST SPECIMENS AS PER ASTM A370-05. I.G.C. SATISFACTORY AS PER ASTM A262 PRACTICE E CERTIFIED AS PER 10204-3.1

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, SOAKING TIME 1hr/inch, WATER QUENCHED, COUNTRY OF ORIGIN INDIA

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

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WORKS INSPECTOR