

COPY

VIRAJ PROFILES LIMITED

91924 (9")

COTB766

VIRAJ

Regi & Mkt off: G-33 & 34, MIDC, Industrial Area, Tarapur, Thane (Dist), Maharashtra, INDIA - 401506, E-Mail: sales@viraj.com
Works: SURVEY No- 114, 119 & 120, VILL. Mahagaon, Tal: Palgar, Dist: Thane-401501, MAHARASTRA, INDIA, vielqc@viraj.com

ASA PO 77867 WO 5913 CPA 6 FOE 40

127 pcs

TEST CERTIFICATE

ORDER NO	PACKING LIST NO	INSPECTION NO	DATE
P02262	51/950023/11	100002398240	14.02.2013
		GRADE	HEAT No
		316/316L	91924

BUNDLE NO : 5193274,

ok with 5/21/13

DESCRIPTION
STAINLESS STEEL BRIGHT BARS

FORGED BARS

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
9"	ROUND	DIN 1013	12' - 20'	1	2,833.000 LB

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0200	1.600	0.400	0.0230	0.0370	16.570	10.040	0.420	2.020	0.200	0.0800

TEST RESULTS

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
38.0	83.0	59.0	71.0	168.0	5.0

SPECIFICATION:

MATERIAL CONFIRMS TO DIN EN 10088-3:2005: 1.4401/1.4404, EN 10222-5 AND EN 10272 COND-A & ASTM A182/A-182M-11, A276-10 COND A, A479/A479M-11 COND A, A193/A193M-11a B8M CL-1, A320/A320M-11a B8M CL-1, A484-11 A388/A388M-05, ASME SA182-04, SA479-04, SA 193-04 B8M CL-1, SA320-04 B8M CL-1, ASTM A314-2008, IGC SATISFACTORY AS PER ASTM A 262-10 PRACTICE E, AMS 5648J / AMS 5653F (EXCEPT MARKING), QQ-S-763F, NACE MR0103, NACE-MR0175-2003, SAE-AMS-S-7720A, MIL-S-862 B, AISI 316/316L & UNS#S31600/S31603. CERTIFICATION AS PER EN 10204-3.1.

REMARKS

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS, MICRO-FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES. MACRO-GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 03 HRS, WATER QUENCHED. MELT SOURCE: AOD. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION. COUNTRY OF ORIGIN: INDIA.

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

WORKS INSPECTOR
K R K MURTHY

SV
MCC