

MILL TEST REPORT

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Customer: ASAALB PO#:P022680 SO#:LJA584

MTR#:VJRB91005613.GIF

Item:RB6L0208 Bundle:VJA5173036 Heat#:82728

C017652

VIRAJ PROFILES LTD.



10 Imperial Chambers, 1st Floor,
Wilson Road, Mumbai 400 038
INDIA

82728

TEST CERTIFICATE

ORDER NO	PACKING LIST NO	INSPECTION NO	DATE
	IMP/910056/13	100000466864	06.03.2010
		GRADE	HEAT No
		T-316/316L	82728

BUNDLE NO :
5173036 ,5173035

DESCRIPTION

STAINLESS STEEL BRIGHT BARS

PEELED & POLISHED

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
2 1/8"	ROUND	ASTM A484	12' - 13'	13	2,008.000 LB

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0210	2.000	0.430	0.0210	0.0400	16.550	10.100	0.390	2.010	0.120	0.0800

TEST RESULTS

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
45.0	90.0	57.0	69.0	175.0	6.0

SPECIFICATION:

MATERIAL CONFORMS TO ASTM A 276-06, COND.A. A 479/479M-06a, COND.A. A 193/193M06a & A320/320M-05a B8M CLI, A484-06b, A 182 /182M-06 COND.A. ASME SA 479-98, COND.A. SA 193-98 B8M CLI, SA 320-98 B8M CLI, SA-182-98 (CHEMISTRY ONLY), NACE MR0175-2002, AMS QQ-S-763 B-06, COND.A. (EXCEPT MARKING), AMS 5648J/ 5653F (EXCEPT MARKING), INTERGRANULAR CORROSION TEST AS PER ASTM A 262-02a PRACTICE E. GRAIN SIZE AS PER ASTM E112-96e1, IMPROVED MACHINABILITY QUALITY, UNS-S-31600S-31603, CERTIFIED 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 1hr/inch., WATER QUENCHED, WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION, MELT SOURCE:AOD, MELT & MANUFACTURED: INDIA

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

Swarna

WORKS INSPECTOR
S. SUVARNA

QA ACCEPTED
OCT 26 2010
ASA ALLOYS
EDMONTON