



GLORIA MATERIAL TECHNOLOGY CORP.
INSPECTION CERTIFICATE

50688

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Messrs: ASA ALLOYS INC.

Order No: 2006000999

Grade: 304L

P.O.NO.: 056257-CV

FILE NO: 2006003466-A

Size: 8-1/2"

Date: 06/08/2006

HEAT-Lot No: T2671A-10

Weight: 2265.0KG 4993.46LB

P'cs: 1

Condition: HF-Solution Annealed-Turned

T2671A-10

Chemical Composition (wt%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	N
Min.						8.0	18.0			
Max.	0.030	1.00	2.00	0.040	0.030	10.0	19.0	1.00	1.00	0.10
Result	0.028	0.44	1.14	0.027	0.024	8.6	18.3	0.16	0.37	0.09

Mechanical Properties Spec.

	Hardness(1/2R)	Grain Size
Spec.Min.		
Spec.Max.	223HBW	
Result	150HBW	6

Tensile Test

Unit	Elongation(A) %	Tensile Strength(Rm) KSI	Yield Strength(Rp) KSI	Reduction of Area(Z) %
Min.	40	75	30	50
Max.		115		
Result	63	85	40	73

Specification:

1. ASTM A182-05a, A193-05 B8CL1, A276-05a, A479-05
2. QQ-S-763E.
3. AMS 5639G, 5647H, QQS-763A.
4. ASME SA182(04), SA479(04), SA193(04) B8CL1.
5. NACE MR0175/ISO 15156(03).
6. EN 10204.3.1B.,

Remark:

1. MANUFACTURING PROCESS: BAF+LHF+VOD, FORGED OR HOT ROLLED.
2. MATERIAL IS FREE FROM MERCURY CONTAMINATION.
3. MACRO STRUCTURE OK.
4. MICRO STRUCTURE OK.
5. SOLUTION TREATMENT : 1900°F×30 MIN/INCH, WATER COOLED.
6. NO WELDING PERFORMED.,



Mars Wang
QA SECTION
Mars Wang

Our quality and environment management systems have been certified by ISO 9001 QMS and 14001 EMS.
We hereby certify that the material described herein has been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.
We hereby the Inspection Certificate comply with EN10204 8.1.B.