

HT# 40023-10A

M. Jorgensen Co. Original test report for the order shown below.
SID: T126582 CUSTOMER: HENKA INDUSTRIES LTD P.O: 71733

CUST. PART#: 314701

QTY: 2,075.100 DATE: 07-05-24 SIGNATURE: SUSIE WICKLAND



GLORIA MATERIAL TECHNOLOGY CORP. INSPECTION CERTIFICATE

台南縣新營市新中路35號1樓
TEL: (06)520000
FAX: (06)520088

Messrs: BARR M. JORGENSEN COMPANY

Order No: 2005009623

Grade: 316/316L 509382

P.O.NO.: P857678-423

FILE NO: 2006002939-A

Size: 11"

Date: 05/18/2006

HEAT-Lot No: 00023-10A

Weight: 3958.0KG 8725.89LB

P'cs: 2

Condition: HF-Solution Annealed-Turned

Chemical Composition (wt%)

	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	N
Min.			1.25		0.023	10.00	16.00	2.00		
Max.	0.030	1.00	2.00	0.040		14.00	18.00	3.00	1.00	0.10
Result	0.023	0.49	1.60	0.026	0.028	10.29	16.22	2.13	0.37	0.05

Mechanical Properties Spec.

Condition	Hardness	Grain Size	Carbide Dist.
Spec.Min.	1/2R		
Spec.Max.	223HBW		
Result	153HBW	6	OK

Tensile Test

Condition	Elongation(A)	Tensile Strength(Rm)	Yield Strength(Rp)	Reduction of Area(Z)
Min.	30%	75KSI	30KSI	50%
Max.				
Result	63%	80KSI	39KSI	74%

Specification:

- 1.ASTM A276-05a, A479-05, ASME SA479 R04.
- 2.AMS-00-S 763A, AMS 5648K, AMS 5653F.,

Remark:

- 1.MANUFACTURING PROCESS: BAF+LHF+VOD, FORGED OR HOT ROLLED.
- 2.SOLUTION TREATMENT: 1900°Fx30 MIN/INCH, WATER COOLED.
- 3.MATERIAL IS FREE FROM MERCURY CONTAMINATION.
- 4.MATERIAL IS FREE FROM WELDS OR WELD REPAIRS.
- 5.MACRO STRUCTURE OK.
- 6.MICRO STRUCTURE OK.
- 7.ULTRASONIC TEST:OK.
- 8.CORROSION TEST: PASSED PER ASTM A262 PRACTICE B.



Mars Wang
QA SECTION
<i>Mars Wang</i>