



CURTIS INDUSTRIES, INC.

West Hills Industrial Park
105 West Park Drive
Kittanning, PA 16201

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CERTIFICATE OF COMPLIANCE

DATE: December 19, 2017

CUSTOMER: Olympus Scientific Solutions Technologies, Inc.

CUSTOMER PURCHASE ORDER: 093373

**SPECIFICATION OR
DRAWING NUMBER:** Dwg. #8695-5 RK, Part #TB1054-5

CURTIS ORDER NUMBER: T22987

These standards have been manufactured in accordance with applicable specifications and are inspected with instruments calibrated in accordance with NCSL-Z540-1 and traceable to the National Institute of Standards and Technology with Starrett Gage Blocks Serial #10989.2 traceable to NIST 683/288287-16. Manufactured in accordance with QA Manual Revision 0 dated February 13, 2015.

Block Type	Material	Serial No.
IIW Type 1 Metric	304 Stainless Steel	269817


Quality Control



YEOW YIH STEEL CO., LTD.

Inspection Certificate

NO. 2 YEONG GONG TONG ROAD, YEONG AN DISTRICT,
 KAOHSIUNG CITY, TAIWAN, R.O.C.
 TEL: 886-7-6225616 FAX: 886-7-6226908

No. : YTM07338 Customer: Date: 2014/07/17
 Contract No. : S1406001 Steel Grade: 304/304L PAGE: 1/1

Commodity: HOT ROLLED STAINLESS STEEL PLATE		Surface Finish: NO. 1		Solution Treatment 1080 °C A.T.	
Specificalion: ASTM A240-13a					
Item No.	Product No.	Heat No.	Size	No of Pieces/Pcs	Weight/Kgs
1	BEN4095	1412099	0.375" X 48" X 120"	6	1,718
2	BEN4107	1410119	0.375" X 60" X 120"	4	1,428
3	BU40132	268577	1.250" X 60" X 240"	1	2,391
4	BU40133	173958	1.250" X 60" X 240"	2	4,769
5	BU40135	288673	0.375" X 48" X 120"	2	566
Total				15	10,872

Item No.	Chemical Composition/Heat Analysis											Country		Y.S(MPa)		T.S(MPa)		Elongation %		Hardness HRB/AVE.		
	C	Si	Mn	P	S	Ni	Cr	Mo	N	Cu	Ti	Of	Melt	1%	0.2%	205	515	307	650	66	85	
Max.	0.030	0.75	2.00	0.045	0.030	10.50	19.50		0.100			China	China									
Min.						8.00	17.50					Taiwan	Taiwan									
1	0.026	0.46	1.47	0.029	0.002	8.05	18.08	0.01	0.078	0.02		China	China									
2	0.021	0.35	1.47	0.035	0.003	8.04	18.10	0.01	0.050	0.02		China	China									
3	0.022	0.42	1.12	0.026	0.001	8.05	18.10	0.03	0.098	0.15		Taiwan	Taiwan									
4	0.017	0.40	1.55	0.037	0.007	8.02	18.13	0.19	0.040	0.29		Taiwan	Taiwan									
5	0.019	0.38	1.44	0.037	0.004	8.07	18.17	0.12	0.040	0.25		Taiwan	Taiwan									

Remarks:
 1. Equivalent to CCS 766D-A X MS PH14.
 2. Mercury Free and bending test OK.
 3. NO repair of plate by welding.
 4. Physical properties comply to the annealed of ASTM A666/AS ME SA666.
 5. This certificate complies to Q.IEN 10204 2005.
 6. YYS has established a QMS according to ISO 9001:2008 by TUV.
 7. YYS has proved to PED material manufacturer certified by TUV.
 8. Material meets the hardness requirement of NACE MR0175.
 9. Chemical and physical properties comply to AISI 304/304L (A583 304).
 10. Permitted variations in dimensions comply to ASTM A480-13/ASME SA-480-13.
 11. ASME SA-240/2013.
 12. Integrative corrosion comply to ASTM A282-A, B, E.
 13. Country of Manufacture: Taiwan.

C. Y. Guo
 Manager of Quality Assurance Department

我們保證此項檢驗結果符合
 客戶所訂之技術規格及符合
 其他相關之要求