

INSPECTION CERTIFICATE

検査証明書
WELDING MATERIAL 溶接材料

04-078 Certificate No. 494314
検査証明書

Customer's Name: WATANABE TRADING CO.,LTD.
客先名

Trade Designation (銘柄): WEL FOW 316LT Lot, Heat No. (製造ヒート番号): Y22A053BMY Size (寸法): 0.9 (mm)

AWS Specification & Class. ; AWS A5. 22/A5. 22M:2012 E316LT0-4
Manufacturing Requisition No. ; 3453

NIPPON WELDING ROD CO., LTD.

MANUFACTURING HEADQUARTERS HAMAKITA FACTORY, Quality Assurance Division.
日本ウエルディング・ロッド株式会社
製造本部 浜北製造所 品質保証部

7800 NAKASE, HAMAKITA-KU, HAMAMATSU CITY, SHIZUOKA PREF., JAPAN 〒434-0012
〒434-0012 静岡県浜松市浜北区中瀬7800番地 Telephone: 053-588-7232

Elements 元素(Wt%)		C	Si	Mn	P	S	Ni	Cr	Mo*	Cu				
Spec. 規格 Items 項目	min.	0.04	1.0	0.5	0.04	0.03	11.0	17.0	2.0	-	-	-	-	-
	max.			2.5			14.0	20.0	3.0	0.75	-	-	-	-
Undiluted Weld Metal		0.021	0.53	1.14	0.026	0.002	12.01	18.64	2.73	0.15	-	-	-	-
Mechanical Properties 機械的性質		All-Weld-Metal Tension Test(Room Temp.) 全溶着金属引張試験(室温)												
		Yield Strength at 0.2% offset 0.2% 耐力 MPa		Tensile Strength 引張強さ MPa		Elongation 伸び %		Reduction of Area 絞り %		Longitudinal Face-Bend Test: Spec. ; A5. 22M Result; Satisfactory				
		485		MPa		30		-		Radiographic Test : Spec. ; A5. 22M Result; Satisfactory				
		-		-		-		-		Visual & Dimensional Inspection: Satisfactory				
Spec. 規格 Items 項目	min.	-	-	-	-	-	-	-	-	-	-	-	-	-
	max.	-	-	-	-	-	-	-	-	-	-	-	-	-
Results		-	562	44	-	-	-	-	-	-	-	-	-	-

REMARKS 記事
: Shielding Gases : 80%Ar + 20%CO₂
Customer's Purchase Order No. : EX-11547
Delivery Quantity (kg) : 400
Certificate Issued Date : Dec. 22, 2022

Standard Designation of Document: According to EN 10204 Type 3.1
We hereby certify that the contents of above test results are correct and accurate.
上記の試験結果の内容は正しいことを証明致します。

Y. Okahira

Quality Assurance Division.
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Spec. 規格 Items 項目	min.	-	-	0.5	-	-	11.0	17.0	2.0	-	-	-	
	max.	0.04	1.0	2.5	0.04	0.03	14.0	20.0	3.0	0.75	-	-	
Undiluted Weld Metal		0.021	0.53	1.14	0.026	0.002	12.01	18.64	2.73	0.15	-	-	
Mechanical Properties 機械的性質		All-Weld-Metal Tension Test(Room Temp.) 全溶着金属引張試験(室温)										Longitudinal Face-Bend Test: Spec. ; A5. 22M Result; Satisfactory	
Spec. 規格 Items 項目	min.	-	-	30	-	-	-	-	-	-	-	-	
	max.	-	-	-	-	-	-	-	-	-	-	-	
Results		-	562	44	-	-	-	-	-	-	-	-	
* Customer's Requirement; 2.5-3.0%													

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			485	562	30	-	Radiographic Test : Spec. ; A5. 22M Result; Satisfactory					
Results							Visual & Dimensional Inspection: Satisfactory					
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