

183573

INSPECTION CERTIFICATE		PURCHASER		CERTIFICATE No. : 043264						
		DATE OF ISSUE : 2014. 01. 03								
Trade Designation		Dimension		Applicable Specification and Classification						
DW-100		1 . 2		AWS A 5.20 E71T-1C According to EN 10204 Type 3.1						
Mfg. No. (Lot No.)		K3AD1113555								
Chemical Composition of Deposited Metal (%)										
Elements	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V
Spec.	Max. 0.12	Max. 0.90	Max. 1.75	Max. 0.03	Max. 0.03	Max. 0.35	Max. 0.50	Max. 0.20	Max. 0.30	Max. 0.08
Result	0.06	0.41	1.23	0.01	0.01	0.05	0.04	0.05	0.03	0.01
Mechanical Properties of Deposited Metal										
Tension Test			Impact Test							
Spec.	Yield Strength of 0.2% Offset N/mm ²	Tensile Strength N/mm ²	Elongation %	Absorbed Energy (J) Test Temp. at -20°C						
	Min. 400	483 ~ 655	Min. 22	Avg.	Each					
Result	519	592	29	Min. 27	Min. 20					
			Result		69 76 63 67					
Welding Conditions										
Type of Current	DC-EP	Shielding Gas	CO ₂	Hydrogen Test						
Amperage	260 A			Avg. mJ/100g						
Arc Voltage	30 V			1. 2. 3. 4.						
				Method : According to AWS A4.3 (Gas Chromatography) Welding condition : 230A-26V-30cprn(EXT.=25mm)						
WE HEREBY CERTIFY THAT TEST RESULTS OF THE ABOVE WELDING MATERIAL ARE AS DESCRIBED HEREIN AND SATISFY THE REQUIREMENTS OF THE APPLICABLE SPECIFICATION.										
APPROVED BY CHIEF INSPECTOR <i>Riun Inago</i> KOBE WELDING OF KOREA CO., LTD.										

F-820-006-1

KOBE WELDING OF KOREA CO., LTD.

A4(297mm)

PURCHASER

INSPECTION CERTIFICATE

CERTIFICATE No. : 042534

DATE OF ISSUE : 2013. 09. 20

Trade Designation		Dimension		Mfg. No. (Lot No.)		Applicable Specification and Classification					
DW-100		1.2		K3A71213555		AWS A 5.20 E71T-1C According to EN 10204 Type 3.1					
Chemical Composition of Deposited Metal (%)											
Elements	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	
Spec.	Max. 0.12	Max. 0.90	Max. 1.75	Max. 0.03	Max. 0.03	Max. 0.35	Max. 0.50	Max. 0.20	Max. 0.30	Max. 0.08	
Result	0.06	0.44	1.33	0.02	0.01	0.02	0.01	0.03	0.02	0.01	
Mechanical Properties of Deposited Metal											
Tension Test						Impact Test					
Spec.	Yield Strength of 0.2% Offset N/mm ²	Tensile Strength N/mm ²	Elongation %	Spec.		Absorbed Energy (J)		Test Temp. at -20°C			
	Min. 400	483 ~ 655	Min. 22	AVG.	Each	AVG.	Mfn. 20				
Result	528	588	26	Result	130	132	132	132	127		
Welding Conditions											
Type of Current	DC-EP	Shielding Gas	CO ₂	Avg. ml/100g		1.		2.		3.	
Amperage	260 A			3.1	3.4	2.9	2.9	2.9	2.9	3.1	3.1
Arc Voltage	30 V			Method : According to AWS A4.3 (Gas Chromatography) Welding condition : 230A-26V-30cpm(EXT-25mm)							
WE HEREBY CERTIFY THAT TEST RESULTS OF THE ABOVE WELDING MATERIAL ARE AS DESCRIBED HEREIN AND SATISFY THE REQUIREMENTS OF THE APPLICABLE SPECIFICATION.						KOBE WELDING OF KOREA CO., LTD. APPROVED BY CHIEF INSPECTOR <i>Kim Inaero</i>					

F-820-006-1

KOBE WELDING OF KOREA CO., LTD.

A4(297mm×210mm)