

INSPECTION CERTIFICATE

MSB (주) 엑에스벤드 

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제품명 : 강제 맞대기 용접식 관이음식

COMMODITY

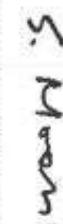
증명서번호 : MSQ240420001
CERTIFICATE NO :
수요처 :
CUSTOMER :
주문자 :
SHIPPER :

Spec. for Material	Spec. for Inspection	Test Piece Size	Visual Inspection	Dimension Inspection			Heat Treatment												
					GOOD	GOOD													
KS D 3507	KS B 1543	KS B 0801	GOOD	GOOD															
CHEMICAL COMPOSITION (%)																			
DESCRIPTION	Q/ty (EA)	HEAT No.	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	V	Y.S (Mpa)	T.S (Mpa)	E.I. (%)	Flatt ening Test	Hardn ess Test	Hydros tatic Test	NDT
			Min		0.30								200.0	340.0	30.0				
			Max	0.25	0.35	0.90	0.040	0.040											
90D ELBOW (L) 50A SPP B.W BLACK	37	SB01928	0.05	0.05	0.397	0.008	0.002						279.1	418.6	40		G		
90D ELBOW (L) 65A SPP B.W BLACK	1	SP01928	0.14	0.01	0.435	0.01	0.004						306.1	431.4	38		G		
90D ELBOW (L) 50A SPP B.W BLACK	129	SB01928	0.05	0.05	0.397	0.008	0.002						279.1	418.6	40		G		
90D ELBOW (L) 80A SPP B.W BLACK	34	SP69453	0.07	0.01	0.32	0.01	0.007						288.1	393.5	40		G		
90D ELBOW (L) 65A SPP B.W BLACK	48	SP01928	0.14	0.01	0.435	0.01	0.004						306.1	431.4	38		G		
90D ELBOW (L) 125A SPP B.W BLACK	6	SQ69157	0.07	0.01	0.3	0.011	0.004						277.2	395.6	41		G		
90D ELBOW (L) 100A SPP B.W BLACK	27	SF70696	0.07	0.01	0.3	0.012	0.008						262.3	388.9	40		G		
90D ELBOW (L) 125A SPP B.W BLACK	17	SQ69157	0.07	0.01	0.31	0.011	0.004						277.2	395.6	41		G		
90D ELBOW (L) 200A SPP B.W BLACK	2	S83824	0.07	0.01	0.77	0.01	0.006						280.2	416.0	37		G		
90D ELBOW (L) 150A SPP B.W BLACK	48	SB23186	0.03	0.01	0.31	0.011	0.004						274.9	362.6	41.0		G		

* We hereby certify, that the products described herein has been manufactured and tested in accordance with the specification.

* Repair welding has not performed on the material

Approved By :


S. Moon