INSPECTION CERTIFICATE

MSB ㈜ 엠에스밴드
61-7 Gimhae-daero 1031beonan-gil, Hallim-myeon, Gimhae-si, Gyeongsangnam-do, Korea
Tel : 055-902-6453 / Fax : 055-902-6452

발급일자 / DATE OF ISSUE : 2024.04.20

제품명 / COMMODITY : 강제 맞대기 용접식 관이음쇠

증명서번호 / CERTIFICATE NO : MSQ240420001

수요가 / CUSTOMER :

주문자 / SHIPPER :

Spec. fod Material	Spec. for Inspection	Test Piece Size	Visual Inspection	Dimention Inspection	Heat Treatment
KS D 3507	KS B 1543	KS B 0801	GOOD	GOOD	850℃ Time (min)

DESCRIPTION	Q/ty (EA)	HEAT No.	CHEMICAL COMPOSITION (%)											MECHANICAL PROPERTIES			Flattening Test	Hardness Test (HB)	Hydros-tatic Test	NDT
				C	Si	Mn	P	S	Ni	Cr	Mo	Cu	V	Y.S (Mpa)	T.S (Mpa)	E.L (%)				
			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	SF69453		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
QA Dept. Manager