

Page/페이지 :
 Order No./계약번호 :
 PO No./주문번호 : 25.871
 Commodity/품명 : E.R.W STEEL PIPE
 Spec. & Type/규격 : ASTM(2020) / ASME(2017) A / SA53 A

Mill Test Certificate / 검사증명서

EN10204 TYPE 3.1

MSTEEL CO., LTD



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Customer/주문자 : HUG STEEL GROUP
 End Customer/수요자 : HUG STEEL GROUP

Certificate No./증명서번호 : MST-23J-02
 Date of Issue/발행일자 : 2023.09.01

Type of Pipe 관종 ×1	Dimension / 치수		Quantity/수량				Hydrostatic Test 수압시험		Heat No. 재질번호	Tensile Test/인장시험			Chemical Composition/화학성분(%) Unit: 2=x1/100, 3=x1/1000, 4=x1/10,000											
	Outside x Thick x Length (in x in x ft)		PCS /LIFT	LIFT	PCS	FEET	MT	Psi		#:2	Tensile Strength	Yield Strength	EL	Div	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V
											Psi		%	#:3	2	2	2	3	3	2	2	2	2	2
Acceptance Criteria / 합격기준										48,000 †	30,000 †	27 †		25 †	-	95 †	50 †	45 †	40 †	40 †	40 †	15 †	8 †	
BVPE	3/4 X 0.113 X 21	84	6	504	10,584	5,504	700	5	S63437	64,769	55,741	34	H	6	1	70	15	9	Tr	Tr	Tr	Tr	Tr	Tr
BVPE	3/4 X 0.113 X 21	33	1	33	693	0.360	700	5	S63437	64,769	55,741	34	P	7	1	62	13	8	Tr	Tr	Tr	Tr	Tr	Tr
BVTC	3/4 X 0.113 X 21	84	6	504	10,584	5,504	700	5	S74546	56,304	43,609	41	H	6	1	43	11	5	Tr	Tr	Tr	Tr	Tr	Tr
BVPE	3/4 X 0.154 X 21	84	10	840	17,640	11,819	850	5	S74546	55,809	40,390	42	H	6	1	43	11	5	Tr	Tr	Tr	Tr	Tr	Tr
BVPE	3/4 X 0.154 X 21	24	1	24	504	0.338	850	5	S74546	55,809	40,390	42	P	7	1	45	13	6	Tr	Tr	Tr	Tr	Tr	Tr
BVPE	1 X 0.133 X 21	60	5	300	6,300	4,788	700	5	S74549	54,820	40,961	43	H	7	1	45	11	6	Tr	Tr	Tr	Tr	Tr	Tr
BVPE	1-1/2 X 0.145 X 21	36	6	216	4,536	5,579	1,200	5	S74540	55,562	39,497	43	H	7	1	44	10	4	Tr	Tr	Tr	Tr	Tr	Tr
BVPE	1-1/2 X 0.200 X 21	36	20	720	15,120	24,948	1,800	5	S74540	55,576	38,941	43	P	7	1	45	12	6	Tr	Tr	Tr	Tr	Tr	Tr
BVPE	1-1/2 X 0.200 X 21	35	1	35	735	1,213	1,800	5	S74540	55,576	38,941	43	H	7	1	44	10	4	Tr	Tr	Tr	Tr	Tr	Tr
	TOTAL--		56	3,176	66,596	60,053																		
Visual & Dimension Inspection/육안 및 치수			Flattening Test/편평시험				Eddy Current Test/와류탐상검사			Bend Test/굽힘시험														
Good			N/A				Good			Good														
※1 Type of pipe End 공종(B: Bare, V: Varnish, PE: Plain Ends, BE: Bevel Ends, TC: Threads Coupling) ※2 Holding Time; sec ※3 H: Heat(Ladle) Analysis 열원분석, P: Product Analysis 제품분석										※ Tensile test specimen : Gauge Length 2" ※ Tr: Trace ※ Country of melt and pour : South Korea														
We hereby certify that the material described herein has been accepted in accordance with the prescribed specification and order. 본 제품은 관련규격에 합격 되었음을 보증합니다.										 Manager of Quality Assurance Team														
Surveyor																								