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 CUSTOMER :BROWNSVILLE

INSPECTION CERTIFICATE

(EN 10204:2004 3.1)

ST&H CORPORATION
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발주번호 P/O NO.			원재료 RAW MATERIAL										성적서번호 CERTIFICATE NO										
BSC 2011-232(PSJ6425)			MADE FROM SEAMLESS PIPE										QA110808-02										
재료규격 Spec. for Material			검사규격 Spec. for Inspection				외관및치수검사 Surface & Dimension				비파괴검사 N.D.E			열처리 HEAT TREATMENT									
ASTM A234-07/ASME SA234-07 WPB NACE MR-0175			ASME B16.9				GOOD				MT:GOOD			NORMALIZED (850°CX0.5HR)									
STD	제품번호 STAMP NO.		화 학 성 분 CHEMICAL COMPOSITION (%)											인 장 시 험 Tensile Test		굽 곡 시 험 Bending	평 판 시 험 Flattening	경 도 시 험 Hardness	충 격 시 험 Impact	수 압 시 험 Hydrost- atic	C.E		
			C	Si	Mn	P	S	Cr	Mo	Ni	Cu	V	Nb	N	Y-P MPA	T-S MPA	EL (%)	RA (%)	Test ()	Test		Test(HB)	Test
SPEC	수량	MIN		0.10	0.29									240	415	22							
	Q'TY	MAX	0.30		1.06	0.05	0.058	0.40	0.15	0.40	0.40	0.08			655					197			
ECC RED STD			0.2	0.22	0.51	0.015	0.008	0.016	0.006	0.012	0.04	0.01		315	495	31				<197			0.29
6" X 3"	20	03168N																					
ECC RED STD			0.2	0.22	0.51	0.015	0.008	0.016	0.006	0.012	0.04	0.01		315	495	31				<197			0.29
6" X 4"	20	03168N																					
ECC RED STD			0.2	0.25	0.43	0.012	0.007	0.015	0.01	0.009	0.006	0.01		320	475	31				<197			0.28
8" X 4"	30	03467H																					
ECC RED STD			0.2	0.25	0.43	0.012	0.007	0.015	0.01	0.009	0.006	0.01		320	475	31				<197			0.28
8" X 6"	20	03467H																					
RED TEE STD			0.19	0.21	0.52	0.009	0.01	0.01	0.001	0.01	0.02	0.01		290	490	30				<197			0.28
10" X 4"	20	03671																					

We hereby certify that the material herein has been made and tested in accordance with the above specification and also with the requirements called for by the above order.

1MPa = 145.037 psi
 1MPa = 0.145037 ksi
 1psi = 0.00689 MPa
 1ksi = 6.89476 MPa

품질보증부
 QUALITY ASSURANCE DEP'T
 (株) 釜山 카프링
 釜山 釜發

QUALITY INSPECTED AND SUPPLY BY ST&H CORP
 MANUFACTURED BY PUSAN COUPLING CO.LTD

C.E. = C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15

B.J. KIM / Q.A -GENERAL MANAGER