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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	수량	제품번호 STAMP NO.	화 학 성 분 CHEMICAL COMPOSITION (%)											인 장 시 험 Tensile Test		굴곡시험 Bending Test	평판시험 Flattening Test	경도시험 Hardness Test(HB)	충격시험 Impact Test	수압시험 Hydrostatic Test	C.E			
			C	Si	Mn	P	S	Cr	Mo	Ni	Cu	V	Nb	N	Y-P MPA	T-S MPA	EL (%)	RA (%)	()					
SPEC	MIN		0.10	0.29										240	415	22								
	MAX	0.30		1.06	0.05	0.058	0.40	0.15	0.40	0.40	0.08				655						197			
TEE STD			0.2	0.24	0.43	0.012	0.019	0.06	0.01	0.02	0.024	0.01			255	470	30					<197		0.29
1 1/2"	20	01215																						
TEE STD			0.19	0.25	0.51	0.014	0.015	0.03	0.01	0.04	0.14	0.01			320	475	34					<197		0.30
1 1/4"	20	01004																						
TEE STD			0.19	0.23	0.53	0.009	0.006	0.023	0.02	0.009	0.013	0.01			325	490	31					<197		0.29
12"	20	03818																						
TEE STD			0.19	0.22	0.51	0.012	0.009	0.01	0.006	0.013	0.01	0.01			310	500	31					<197		0.28
2"	50	01455																						
TEE STD			0.2	0.22	0.52	0.015	0.007	0.04	0.003	0.03	0.04	0.01			345	525	30					<197		0.30
3"	44	02189																						

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

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

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

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