

JUL. 9. 2007 9:32AM

INSPECTION CERTIFICATE

HUSTEEL CO., LTD.

계약서번호 : SH980317JK
 L/C No. : 18344NJ
 발행일자 : 2006. 12. 29
 제품명 : E.R.W. STEEL PIPE
 제철유형 : API 5L X42 PSL1/API 5LB
 SPECIFICATION : /ASTM A53B/ASME SA 53B

HEAD OFFICE : Shimen 8/D 15F, 843-19, Daechi-dong, Kangnam-ku, SEOL, 135-845, KOREA
 DANGJIN PLANT : 508-1, BUKGOK-RI, SONGNAM-MYeon, DANGJIN-GUN, CHUNGCHONGNAM-DO, KOREA
 DAEBUL PLANT : 11 BLOCK, DAEBUL NATIONAL INDUSTRIAL COMPLEX, MAEUL-RI, SAHNO-MYeon, YOUNGAM-GUN, CHOLLAMNAM-DO, KOREA

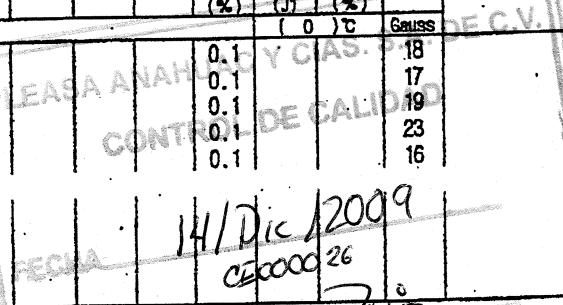
증명서번호 : 0061229 - 357
 CERTIFICATE No. : 0061229 - 357
 제조번호 : 06-12-202
 MANUFACTURED No. : 06-12-202
 수출자 : HUSTEEL CO., LTD.
 수표가 :
 CUSTOMER :

ITEM NO.	HEAT NO. (LOT)	관종 TYPE	수량 QUANTITY (PIECES)	외경 O.D. SIZE (In)	주문치수 ORDER SIZE			중량 WEIGHT (lb/ft)	인장시험 TENSILE TEST			화학성분 CHEMICAL COMPOSITION (%)									
					바깥지름 O.D. (mm)	두께 W.T. (In)	길이 LENGTH (ft)		인장강도 TENSILE STRENGTH (psi)	항복강도 YIELD STRENGTH (psi)	연신율 ELONGATION (%)	C	Si	Mn	P	S	Cu	Cr	Ni	Mo	V
												2	3	2	3	2		3			
1	28932	BPEB	1	24	610.0	0.250	42'	63.47	75996	60043	34	14	12	63	13	6	2	3	2	TR	TR
2	28927	BPEB	46	24	610.0	0.250	42'	63.47	74691	58883	39	12	11	69	18	5	2	2	3	1	TR
3	28928	BPEB	59	24	610.0	0.250	42'	63.47	76432	59753	33	12	10	73	15	6	2	3	2	1	1
4	28930	BPEB	84	24	610.0	0.250	42'	63.47	75271	59173	36	12	10	62	13	6	3	2	2	1	1
5	SQ96234	BPEB	36	24	610.0	0.250	42'	63.47	68310	49021	34	14	9	64	14	5	2	3	2	TR	1

LAST ITEM

ITEM NO.	수압시험 HYDROSTATIC TEST		열처리 온도 HEAT TREATMENT (°C)	비파괴 시험 NOT (U.T)	경도시험 HARDNESS TEST (HrB)	외주경 CIRCUMFERENCE (mm)		용접부인장강도 TENSILE STRENGTH OF WELDS (psi)	아연도금시험 ZINC COATING TEST		VISUAL & DIMENSION	FLATTENING (BEND) TEST	R	F	C	R	S.T	충격시험 IMPACT TEST		잔류 자기 Res. Mag.	비고 REMARKS		
	TP (PSI)	RE-SULT				END	BODY		WZC (g/m²)	CST (TIMES)			G	R	T	T	ENE-RGY (J)	SHEAR AREA (%)	(0) °C			Gauss	
	④	⑤				⑥			⑦				⑧		⑨		⑩		⑪			⑫	
1	790	GOOD	930	ACCEPT				80057			ACCEPT	GOOD	GOOD				0.1			18			
2	790	GOOD	930	ACCEPT				78752			ACCEPT	GOOD	GOOD				0.1			17			
3	790	GOOD	930	ACCEPT				80492			ACCEPT	GOOD	GOOD				0.1			19			
4	790	GOOD	930	ACCEPT				79332			ACCEPT	GOOD	GOOD				0.1			23			
5	790	GOOD	930	ACCEPT				72371			ACCEPT	GOOD	GOOD				0.1			16			

LAST ITEM



REMARK : ①HARDNESS MAX. 22HRC AS PER NACE MR0175
 ②Latest edition per API 5L X42 & 5LB(43rd.2004)/ASTM A53B(2005)/ASME SA 53B(2000)

N ①TYPE BPE BLACK PLAIN ENDS BPEB BPE BEVELLED BTE BLACK THREADED ENDS BTC BLACK THREADED & COUPLED BPC GALVANIZED PLAIN ENDS BTE GALVANIZED THREADED ENDS BTE GALVANIZED THREADED & COUPLED
 O ②O.D. OUTSIDE DIAMETER ③W.T. WALL THICKNESS ④CHEMICAL COMPOSITION CHECK ANALYSIS 2:×100 3:×1000 TR TRACE ⑤TP TESTING PRESSURE ⑥NOT NONDESTRUCTIVE TEST
 T E.T EDDY CURRENT TEST U.T ULTRASONIC TEST ⑦WZC WEIGHT OF ZINC COATING CST COPPER SULPHATE TEST ⑧WDT WELD DUCTILITY TEST RST RING RING TEST FRT FRINGE TEST ⑨ RES. MAG. : RESIDUAL MAGNETISM
 E CRT CRUSH TEST RFT REVERSE FLATTENING TEST S.T STRAIGHTNESS

SIGNATURE : _____
 본 제품은 관련 규격이 정한 시험 및 검사에 합격하였음을 증명합니다.
 WE HEREBY CERTIFY THAT THE PRODUCTS HEREIN HAVE BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR THE ORDER.
 SIGNATURE : _____
 MANAGER OF QUALITY ASSURANCE TEAM
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