

PACK :
증명서번호 : E200806-0113-001255(5002660)
CERTIFICATE NO. : E200806-0113-001255(5002660)
제품명 : E.R.W STEEL PIPE
COMMODITY :
제 품 규 격 : API 5LX PS/L/ASTM A53B(2007)
SPECIFICATION : API 5LX PS/L/ASTM A53B(2007)

MILL'S QUALITY CERTIFICATES

Seah Steel Corp.

(주)세아제강

HEAD OFFICE : BONGNAE-DONG 10A, JUNG-GU, SEOUL, KOREA
POHANG PLANT : 14-1, JANGCHEONG-DONG, NAM-GU, POHANG

발급일자 : 2008.06.16
DATE OF ISSUE : 2008.06.16
계약서번호 : 47LI-C45661-TJFE(0801844)
L/C No. (P/O No.) :
수요가 : DUFERCO SA
CUSTOMER :
주 문 자 : Seah Steel Corporation
SHIPPER :

NO. (BATCH NO.)	HEAT NO. (BATCH NO.)	관단 TYPE	주 문 ORDER	치 수 SIZE	수량 QUANTITY		중량(WGT)	비고 REMARK
					본 수 PCS	총 길이 TOTAL LENGTH		
5	SQ34071 (SH14012K40)	BBE	X 0.312	(5/16") X 6.120 M	277	1,695,240 M	114,836	
6	SQ34073 (SH14012K60)	BBE	X 0.375	(3/8") X 6.120 M	30	183,690 M	14,886	
7	26475 (SH15062K90)	BBE	X 0.250	(1/4") X 6.120 M	140	856,800 M	42,934	
8	2-8257 (SH16072130)	BBE	X 0.375	(3/8") X 6.120 M	29	177,480 M	14,390	

NO. (BATCH NO.)	HEAT NO. (BATCH NO.)	관단 TYPE	주 문 ORDER	치 수 SIZE	ZINC COATING TEST	CHEMICAL COMPOSITION(%)										TENSILE TEST (Gage Length : 50mm)		IMPACT TEST (Joule)	HARDNESS TEST	HEAT TREATMENT	PROTECTIVE COATING & LINING						
						C	Si	Mn	P	S	CU	NI	CR	MO	V	CBQ	DR					TENSILE STRENGTH	YIELD STRENGTH	E.L.	ENG-SHEAR AREA	THICKNESS	
5	SQ34071 (SH14012K40)	940	G	G	277	18	17	80	17	3	TR	1	1	1	1	1	1	1	1	1	68690	44040	41	G			
6	SQ34073 (SH14012K60)	1130	G	G	30	18	18	79	17	2	1	1	1	TR	TR						70130	70130		G			
7	26475 (SH15062K90)	820	G	G	140	17	17	76	18	5	1	1	1	TR	TR						69410	45790	39	G			
8	2-8257 (SH16072130)	1130	G	G	29	15	19	64	15	5	1	1	1	1	1	1	1	1	1	1	72110	51910	38	G			

1-12 : Refer To The Attached Section Designation

Q.T.H.R.K.

DESCRIPTION OF GOODS : 364.507 MT (+/- 10 PCT.) PRIME ERW PIPES / GRADE: API 5L-B/ ASTM A53B. GRADE: API 5L-B/ ASTM A53B.
*PHYSICAL PROPERTIES SAME AS TENSILE TEST & IMPACT TEST.

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE.
THE USE OF THE MATERIAL OUTSIDE THE SPECIFICATIONS INDICATED ON THIS CERTIFICATE MAY CAUSE SAFETY AND/OR MONETARY PROBLEMS. FURTHERMORE, ANY ORGANIZATION OR PERSON(S) WHO DELIBERATELY MODIFIES THE CERTIFICATE WILL BE PROSECUTED FOR FORGING AN OFFICIAL DOCUMENT (ACCORDING TO THE PROVISIONS OF THE CRIMINAL CODE 231)

Manager of Q.M Dept.

J. E. KIM

