

*증명서번호
CERTIFICATE NO. : E200706-0017-001523(5001655)

COMMODITY : E.R.W STEEL PIPE

SPECIFICATION : API 5L B PSL1/ASTM A53B(2006)

MILL'S QUALITY CERTIFICATE

SeAH Steel Corp. (주)세아제강

HEAD OFFICE : BONGNAE-DONG 1GA, JUNG-GU, SEOUL, KOREA
POHANG PLANT : 14-1, JANGHEUNG-DONG, NAM-GU, POHANG

발급일자 : 2007.05.31
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계약서번호 : 47L1-B93402-TMA4
L/C No. (P/O No.) : 47L1-B93402-TMA4
수요자 : DUFERCO SA
CUSTOMER : DUFERCO SA
주문자 :
SHIPPER : SEAH STEEL CORPORATION

NO. (BATCH NO.)	HEAT NO. (BATCH NO.)	관단 TYPE *1	주문 치수 ORDER SIZE	수량 QUANTITY		비고 REMARK
				본수 PCS	총길이 TOTAL LENGTH	
1	SP83479 (SIH5152120)	BBE	16 " X 0.281 "	35	214.200 M	14.975
2	SP83483 (SIH5152130)	BBE	16 " X 0.281 "	50	306.000 M	21.392

기준 SPEC	NO. (BATCH NO.)	HYDROSTATIC TEST	5 Sec. RESISTANCE psi	N.D. SUEAN & LION	F.L.A.T TENSION G	S.H.O.C K	C.O.M.P RESSURE TEST G	R.E.A.M SINGLING G	B.E.N.D ING G	D.R.I.F T	C.R.U.S H G	F.L.A.R ING G	F.L.A.N G E	R.E.L EVA RE S E N G	ZINC COATING TEST		CHEMICAL COMPOSITION(%)										TENSILE TEST (Gage Length : 50mm)		IMPACT TEST (°C)		HARD- NESS TEST	HEAT TREAT MENT	PROTECTIVE COATING & LINING
															WEIGHT OF ZINC COAT -ING	관 벽 C.S.ALK	알 칼 리 S	D E S I G	C	Si	Mn	P	S	CU	NI	CR	MO	V	CEQ	D I R			
1	SP83479 (SIH5152120)	740	G	G	G	G	G	G	G	G	G	G	G	G	G	30	26	120	30	30	40	40	40	15	80	60000	35000	40			G	G	
2	SP83483 (SIH5152130)	740	G	G	G	G	G	G	G	G	G	G	G	G	G	30	26	120	30	30	40	40	40	15	80	60000	35000	40			G	G	

*1 - *12 :
Refer To The Attached
Section Designation

O
T
H
E
R

Surveyor :
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