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 증명서번호 : E200704-0086-001171(5001422)
 CERTIFICATE NO. : E200704-0086-001171(5001422)
 제품명 : E.R.W STEEL PIPE
 COMMODITY : E.R.W STEEL PIPE
 제품규격 : API 5LB PSL1/ASTM A53B(2005)
 SPECIFICATION : API 5LB PSL1/ASTM A53B(2005)
 HEAD OFFICE : BONGNAE-DONG IGA, JUNG-GU, SEOUL, KOREA
 POHANG PLANT : 14-1, JANGHEUNG-DONG, NAM-GU, POHANG

발급일자 : 2007.03.30
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 계약서번호 : 47LI-B88946-TLJY(1103049204)
 L/C No. (P/O No.) : 47LI-B88946-TLJY(1103049204)
 수요가 : DUFERCO SA
 CUSTOMER : DUFERCO SA
 주문자 : SEAH STEEL CORPORATION
 SHIPPER : SEAH STEEL CORPORATION

MILL'S QUALITY CERTIFICATE

SeAH Steel Corp. (주)세아제강

NO.	HEAT NO. (BATCH NO.)	관단 TYPE	*1	주문치수 ORDER SIZE		수량 QUANTITY		비고 REMARK																																					
				분수 PCS	총길이 TOTAL LENGTH	증량(M/T) WEIGHT																																							
41	C730184 (SIH2122060)	BBE		24"	X 0.250"	X 6.120 M	35	214.200 M	20.405	* DESCRIPTION OF GOODS : 1. 408.552MT (+/- 10 PCT) CARBON STEEL PIPES WELDED / ASTM A53 B * STEEL GRADE : ASTM A53 B																																			
42	SB66527 (SIH2132310)	BBE		16"	X 0.500"	X 6.120 M	14	85.680 M	10.564																																				
43	4-37397 (SIH2141010)	BBE		16"	X 0.500"	X 6.120 M	34	208.080 M	25.656																																				
44	C636907 (SIH2141020)	BBE		16"	X 0.500"	X 6.120 M	18	110.160 M	13.583																																				
NO.	HEAT NO. (BATCH NO.)	HYDROSTATIC TEST		N. D. T UNIT	*2	V. I. S. A. N. S. & O. N.	F. L. A. T. T. E. N. I. N. G.	S. H. O. C. K.	C. O. M. P. R. E. S. S. I. O. N.	R. M. S. G. I. N. E. T. I. N. G.	B. E. N. D. I. N. G.	D. R. I. F. T.	C. R. U. S. H.	F. L. A. R. K. I. N. G.	F. L. A. N. G. E.	R. E. V. E. R. T. I. N. G.	ZINC COATING TEST	CHEMICAL COMPOSITION(%)												ZINC COATING TEST				IMPACT TEST (°C)				TENSILE TEST (Gage Length : 50mm)		HARDNESS TEST		HEAT TREATMENT		PROTECTIVE COATING & LINING	
		10 Sec.	psi															RE SULT	MAX	MIN	C	Si	Mn	P	S	CU	NI	CR	MO	V	CEQ	D I R	*8	*9	*7	*4	*5	*6	*3	*1	*2	*3	*4	*5	*6

*1 ~ *12 : Refer To The Attached Section Designation
 OTHER
 Surveyor : J. E. KIM
 Manager of Q. M Dept.

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)

