

증명서 번호 : E200701-0393-000393(5000987)

COMMODITY : E.R.W STEEL PIPE

SPECIFICATION : ASTM A500 B(2003A)

# 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

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계약서번호 : 1103044853  
L/C No. (P/O No.) : 1103044853  
수요자 : DUFERCO SA  
CUSTOMER :  
주문자 :  
SHIPPER : SEAH STEEL CORPORATION

NO. (BATCH NO.)	HEAT NO. (BATCH NO.)	관단 TYPE *1	주문 치 수 ORDER SIZE	수량 QUANTITY		중량(KG/TON) WEIGHT	비고 REMARK
				본 수 PCS	총 길이 TOTAL LENGTH		
1	C634351 (SHGX041070)	BME	16" X 16" X 0.375"	X 40.000 FT	11	440.000 FT	15.682
2	C624593 (SHGX041080)	BME	16" X 16" X 0.375"	X 40.000 FT	42	1,680.000 FT	59.875
3	C624584 (SHGX041100)	BME	16" X 16" X 0.375"	X 40.000 FT	20	800.000 FT	28.512
4	C634350 (SHGX041110)	BME	16" X 16" X 0.375"	X 40.000 FT	20	800.000 FT	28.512

132.581

COPY

NO. (BATCH NO.)	HEAT NO. (BATCH NO.)	HYDROSTATIC TEST	ZINC COATING TEST	CHEMICAL COMPOSITION(%)						TENSILE TEST (Gage Length : 50mm)		IMPACT TEST (°C)	HARDNESS TEST	HEAT TREATMENT	PROTECTIVE COATING & LINING	
				C	Si	Mn	P	S	CEQ	D	R					TENSILE STRENGTH
1	C634351 (SHGX041070)	G	11	MAX 30	MIN	78	15	9	45	45	L	58000	46000	23		
2	C624593 (SHGX041080)	G	42	P 16	P 15	77	14	7			L	73100	52200	32		
3	C624584 (SHGX041100)	G	20	P 15	P 15	78	15	8			L	71540	52340	26		
4	C634350 (SHGX041110)	G	20	P 17	P 16	79	17	10			L	74950	56040	26		
				P 14	P 15	80	18	9			L	74670	53480	27		

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

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

