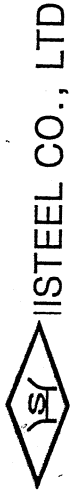


# MILL'S QUALITY CERTIFICATES



HEAD OFFICE  
 57-8,3GA, CHUNGMURO, SEOUL, KOREA  
 TEL : 02-2267-6161/5,02-2273-2141/3  
 FAX : 02-2272-6912

CERTIFICATE NO. : HIE2007-00208

DATE OF ISSUE : JUN.01,2007

LC NO.(P.O.NO) : 1103051406

COMMODITY: 109.552MT SQUARE AND RECTANGULAR PRIME

STEEL PIPES/GRADE:ASTM A 500B. AS PER FOLLOWING BREAKDOWN

SPECIFICATION : ASTM A500 B

CUSTOMER : DUFERCO SA

INCHON PLANT(#2)

687-7,GOJAN-DONG, NAMDONG-KU,INCHON,KOREA  
 TEL : 032-822-8851/2  
 FAX : 032-822-8853

DIMENSION		QUANTITY (PCS)	WEIGHT (MT)	Heat No	PHYSICAL PROPERTIES			CHEMICAL COMPOSITION(%)					REMARKS
O.D (MM)	W.T (MM)				LENGTH (MM)	YIELD STRENGTH PSI	TENSILE STRENGTH PSI	EL (%)	C	Si	Mn	P	
12	X4	234	109.552	SR27863	46,107	65,826	28.0	18	3	27	10	2	
*****													
TOTAL		234	109.552										

VISUAL INSPECTION (SURFACE, PIPE ENDS, INSIDE SCARFING, ETC)	DIMENSION CHECK (OD, THICK., LENGTH, STRAIGHTNESS)	NONDESTRUCTIVE TEST (EDDY CURRENT)	FLATTENING TEST (WALL THICK. X2)	EXPANDING TEST (JAW TYPE, ODX T8%)	REMARKS
GOOD	GOOD	GOOD	GOOD	GOOD	

**ORIGINAL**

HISTEEL CO., LTD  
 J. K. UM / PRESIDENT  
 INSPECTION MANAGER

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN SATISFACTORILY TESTED IN ACCORDANCE WITH THE SPECIFICATION