

MILL'S QUALITY CERTIFICATES



HISTEEL CO., LTD

HEAD OFFICE

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

INCHON PLANT(#2)

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

CERTIFICATE NO. : HIE2007-00208

DATE OF ISSUE : JUN.01,2007

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

COMMODITY : 102.818MT SQUARE AND RECTANGULAR PRIME

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

CUSTOMER : DUFERCO SA

SPECIFICATION : ASTM A500 B

DIMENSION	O.D (MM)	W.T (MM)	LENGTH (MM)	QUANTITY (PCS)	WEIGHT (MT)	Heat No	PHYSICAL PROPERTIES			CHEMICAL COMPOSITION(%)				REMARKS				
							YIELD STRENGTH (PSI)	TENSILE STRENGTH (PSI)	EL (%)	C	SI	Mn	P		S	SOI,Al		
8"X8"X0.500"X40'				116	102.818	C070205	48,572	67,421	27	H	17	3	76	14	4			
TOTAL				116	102.818													

VISUAL INSPECTION (SURFACE, PIPE ENDS, INSIDE SCARFING, ETC)	GOOD			DIMENSION CHECK (OD, THICK., LENGTH, STRAIGHTNESS)			NONDESTRUCTIVE TEST (EDDY CURRENT)			FLATTENING TEST (WALL THICK. X2)			EXPANDING TEST (JAW TYPE, OD X 1.8%)			GOOD		

ORIGINAL

HISTEEL CO., LTD.

[Signature]

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

J. K. UM / PRESIDENT
 INSPECTION MANAGER

IS - QP - 1001 - 7(0)

HISTEEL Co., Ltd