

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

CUSTOMER : DUFERCO SA

CERTIFICATE NO. : HIE2007-00208

DATE OF ISSUE : JUN.01,2007

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

COMMODITY: 104.022MT SQUARE AND RECTANGULAR PRIME

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

SPECIFICATION : ASTM A500 B

DIMENSION			QUANTITY	WEIGHT	Heat No	PHYSICAL PROPERTIES			CHEMICAL COMPOSITION(%)						REMARKS
O.D	W.T	LENGTH				TENSILE STRENGTH	TENSILE STRENGTH	EL	C	Si	Mn	P	S	Sol.Al	
(MM)	(MM)	(MM)	(PCS)	(MT)		PSI	(%)		x100			x1000			
12"X4"X0.313"X40'			166	95.931	C070106	48,572	66,696	26	H	12	1	65	14	10	
12"X4"X0.313"X40'			14	8.091	H061126	54,806	67,566	26	H	18	7	44	9	6	
TOTAL			180	104.022											

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,ODx18%)
GOOD	GOOD	GOOD	GOOD	GOOD

ORIGINAL
REMARKS
HISTEEL CO., LTD.

SURVEYOR

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

[Signature]
K. UM / PRESIDENT
INSPECTION MANAGER