

P/O No. : 19326
L/C No. : M931697

ISSUED DATE : 2014.12.29

COMMODITY : E.R.W. STEEL PIPE

SPECIFICATION : API 5L X-42 PSL1/ASTM A53B

QUALITY CERTIFICATE

HEAD OFFICE SHINAN B/D 15F, 943-19, DAECHEI-DONG,
KANGNAM-GU, SEOUL, KOREA
DAEBUL PLANT 3RD-DAEBUL INDUSTRIAL COMPLEX, SAMHO-EUP,
YEONGGAM-GUN, JEOLLANAM-DO, KOREA

CERTIFICATE No. : 141229-473
MANUFACTURED No. : 14-11-203
SUPPLIER : HUSTEEL CO., LTD.
CUSTOMER : PLESA ANAHUAC Y CIAS S.A. DE. C.V.

COPY



Original certificate can be verified through QR Application.

NO.	HEAT NO	QUAN-TITY	TYPE	NOMINAL SIZE	ORDER SIZE			WEIGHT	TENSILE TEST			CHEMICAL COMPOSITION(%)																				
					OD	W/T	LENGTH		DIR.	TS	YS	EL	YR	WTS	DIV	C	SI	Mn	P	S	CU	NI	CR	MO	V	Nb	TI	B	CEQ	PCM		
13	N25996	3	BPEB	14	14.000	0.250	20	36.75	T	68,600	55,837	40	81	72,806	H	6	1	78	14	5	12	10	20	TR	130	10						
14	N28622	47	BPEB	14	14.000	0.250	20	36.75	T	70,485	59,998	39	85	77,157	H	6	1	77	15	5	12	9	25	22	9	156	5					
15	N28622	79	BPEB	16	16.000	0.225	20	37.94	T	70,195	60,043	37	86	71,355	H	6	2	75	16	6	13	9	25	36	11	178	7					
HYDROSTATIC TEST		HEAT TREATMENT		ZINC COATING TEST		THREADS		HARDNESS TEST		IMPACT TEST		FLATTENING OR BEND TEST		VISUAL & DIMENSION		METALLOGRAPHIC TEST		RESIDUAL MAGNETISM														
NO.	TP	H.T	RESULT	WZC	CST	TP1	ETL	HV	DIV	Energy (Ind. J)	SIZE	FLANGE TEST	REVERSE FLATTENING TEST	CRUSH TEST																		
		sec		R/m ²	TIMES	Inch	Inch				#8																					
										(0) °C		GOOD	GOOD	GOOD																		
13	1280	5	GOOD																													
14	1280	5	GOOD																													
15	1010	5	GOOD																													

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ORDER AND ABOVE SPECIFICATION
 THIS CERTIFICATE IS ISSUED ACCORDING TO RN 10204 3.1(SO 10474.3.1 B)
 HMC C-30-05-(21) 본 검사증명서에 영기된 규격용도 외 사용시 안전상 문제가 발생할 수 있으며, 검사증명서 위·변조시 사문서 위조(형법231조)로 불이익을 당할 수 있습니다. HUSTEEL MANAGER OF QA TEAM PAGE : 5 / 13

