DATE:27/03/2020

PETROFLANGE

CERTIFICATE NUMBER: 2110

DISTRIBUIDOR:
VENDIDO: INDUSTRIAS IBERO STEEL, S.A. DE C.V.
PEDIDO:

Dimension Standard: ANSI/ASME B16.9-12 (2018)

Material Standard: ASME SA234-17/ ASTM A-234M-18 A WPB-N
NACE MR 0175-15 ISO 15156

ITEM	DESCRIPTION	SIZE	QTY (PCS)	HEAT NO.	CHEMICAL COMPOSITION (%)											
					C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Nb	CE
					0.30 Max.	0.10 Min	0.29-1.06	0.050 Max	0.058 Max	0.40 Max	0.40 Max.	0.15 Max.	0.40 Max	0.08 Max	0.02 Max.	.50 Max.
1	RL 45 ELBOW SCH80 WPB	20"	2	RZ695214	0.208	0.198	0.541	0.030	0.019	0.081	0.125	0.039	0.125	0.005	0.003	0.34

ITEM	DESCRIPTION	SIZE	QTY (PCS)	HEAT NO.	TENSILE STRENGTH Min. 415 Mpa	YIELD STRENGTH Min. 240 Mpa	EL2IN (%) Min. 30%	HARDNESS (HB) 197 Max.
1	RL 45 ELBOW SCH80 WPB	20"	2	RZ695214	502	318	36	186

NOTES

Hot Formed >620°C <980°C and cooled in still air.
The Normalized or Stress Relieved at 595°C to 690°C
Dimensional and visual inspection Acceptable.
Cu+Ni+Cr+Mo = <OR =1.00%
Cr+Mo = < OR =0.32%

We hereby certify that the products described herein has been manufactured in compliance with ASTM A234 WPB and ANSI B16.9 and that the test results shown herein are correct.

QUALITY MANAGER