PETRO FLANGE, S.A. DE C.V.

Vendido a: FERRETERIA REP. INT., S.A. DE C.V.
Direccion:
Pedido: TEL

Folio:	3431
Cert. No.	PF-WN-1005-455
Date.	19/05/2009

INSPECTION CERTIFICATE

ITEM	PCS	DESCRIPTION	SPECIFICATIONS	HEAT No.	MECHANICAL COMPOSITION TENSILE Mpa	YIELD Mpa	ELONG %	R/Area %	HARDNES HB
1	1	W.N. 18" 150# R.F. SCH-STD	ASTM A-105-5 ASME SA-105-05 ASME B16.5 NACE MR-0175-03/05	09K01318	497	281	21	33	172

CHEMICAL COMPOSITION

ITEM	HEAT. No.	C	Mn	P	S	Si	Cu [A]	Ni [A]	Cr [A,B]	Mo [A,B]	V [A]	Nb	CE
1	09K01318	0.259	0.861	0.013	0.021	0.200	0.110	0.014	0.052	0.002	0.003	-	0.42

[A] The sum of cooper, nickel, chromium, molybdenum and vanadium shall not exceed 1.00 %
[B] The sum of chromium and molybdenum shall not exceed 0.32%

Ni+Cu)/15

NOTE: FORGED ROLLED 1150°C -1200°C
NORMALIZED 900°C AND ALLOWED TO COOL IN STILL AIR.

QUALITY ASSURANCE CONTROL DEPARTAMENT

PETRO FLANGE S.A. DE C.V.

ENTREGADO

JCN