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

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

Folio:	**3325**
Cert. No.	**PF-WN-954-354**
Date.	*23/04/2009*

INSPECTION CERTIFICATE

ITEM	PCS	DESCRIPTION	SPECIFICATIONS	HEAT No.	MECHANICAL COMPOSITION TENSILE Mpa	YIELD Mpa	ELONG %	R/Area %	HARDNES HB
1	25	S.O. 1" 300# R.F.	ASTM A-105-5 ASME SA-105-05 ASME B16.5-2003 NACE MR-0175-03/05	08K33701	488	268	26	36	159

CHEMICAL COMPOSITION

ITEM	HEAT. No.	C	Mn	P	S	Si	Cu [A]	Ni [A]	Cr [AB]	Mo [AB]	V [A]	Nb	CE
1	08K33701	0.160	0.624	0.014	0.027	0.348	0.247	0.017	0.046	0.009	0.004	-	0.29

[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

ENTREGADO

JORE