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

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

Folio:	**2849**
Cert. No.	**PF-WN-583-32**
Date.	**10/11/2008**

INSPECTION CERTIFICATE

ITEM	PCS	DESCRIPTION	SPECIFICATIONS	HEAT No.	MECHANICAL COMPOSITION TENSILE Mpa	YIELD Mpa	ELONG %	R/Area %	HARDNES HB
1	5	W.N. 8" 600# R.F. SCH-80	ASTM A-105-05 ASME SA-105-ED2007-AD08 ASME B16.5 NACE MR-0175-03/05 MSS SP-6 API 6A-6B	436	496	274	31	35	176

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	436	0.184	0.758	0.019	0.032	0.209	0.201	0.024	0.200	0.034	0.013	-	0.37

[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 SA DE C.V.
ENTREGADO