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

Vendido a:
Direccion:
Pedido: TEL

Folio:	3348
Cert. No.	PF-WN-977-377
Date.	29/04/2009

INSPECTION CERTIFICATE

ITEM	PCS	DESCRIPTION	SPECIFICATIONS	HEAT No.	MECHANICAL COMPOSITION TENSILE Mpa	YIELD Mpa	ELONG %	R/Area %	HARDNES HB
1	10	W.N. 1" 600# R.F. SCH-80	ASTM A-105-5	08K69201	487	259	32	31	167
2	10	W.N. 1" 600# R.F. SCH-80	ASME SA-105-05	07K0069501	496	277	30	33	181
			ASME B16.5						
			NACE MR-0175-03/05						

CHEMICAL COMPOSITION

ITEM	HEAT. No.	C	Mn	P	S	Si	Cu A	Ni A	Cr AB	Mo AB	V A	Nb	CE
1	08K69201	0.180	0.650	0.021	0.023	0.200	0.170	0.060	0.050	0.040	0.036	-	0.33
2	07K0069501	0.229	0.700	0.021	0.035	0.199	0.174	0.054	0.029	0.011	0.016	-	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.

PETRO FLANGE S.A. DE C.V.
QUALITY ASSURANCE CONTROL DEPARTAMENT
P F
ENTREGADO