6-1/4

REPORTE DE CALIDAD DE TUBERIA
(Quality Report)

SISTEMA DE GESTION DE LA CALIDAD

Cod: FPD-PR-01-O6

Edicion : 0 | Revision: 4

Fecha de Rev: 15 Junio 2013

REPORTE FS (Report No.): 05/07/2013 -10

Tipo de Producto (Type of Pipe/Delivery Condition):	Orden Interna de Fabricacion (Work Order)	Diámetro (Diameter)	Espesor (Thikness) pulg (ft)	Espesor (Thikness) pulg (mm)	Longitud (Leghth) mtrs	Longitud (Leghth) pies (ft)	Norma (Specification):	Grado (Grade):	Peso (mass) lbs.	Peso (mass) kg.	Tamaño (Size)	Peso Lineal (Mass per meter) lbs. X pie	Peso Lineal (Mass per meter) kg. X mtr.	Numeros de Tubo (Pipe Number)
ERW	269		0.250	6.35	12.2	40.026	ASTM A-53	Grado B	681.8972671	309.3033975	0.168	17.03625303	25.3527375	516

# lote	# colada (Heat).	Composición Química del Acero (Steel Chemical Composition).												Propiedades mecánicas del Acero de la Tuberia (Steel Mechanical's Porpieties).						
														Limite Traccion (Tensile Strenght) KSI (MPA)			Limite Elastico (Yield Point) KSI (MPA)		% Elongación (Enlogation)	
		C	Si	Mn	P	S	V	B	Cr	Cu	Ni	Mo	Cliw	Limite Traccion (Tensile Strenght) KSI (MPA)	T	W	L	T	L	T
269-10-20	1330474012	0.08	0.016	0.342	0.008	0.008	0	0	0.011	0.009	0.01	0.001	0.09886667	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-10-8A	1330474012	0.08	0.016	0.342	0.008	0.008	0	0	0.011	0.009	0.01	0.001	0.09886667	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-10-8B	1330474012	0.08	0.016	0.342	0.008	0.008	0	0	0.011	0.009	0.01	0.001	0.09886667	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-11-11A	1330474012	0.08	0.016	0.342	0.008	0.008	0	0	0.011	0.009	0.01	0.001	0.09886667	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-11-11B	1330474012	0.08	0.016	0.342	0.008	0.008	0	0	0.011	0.009	0.01	0.001	0.09886667	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-11-12	1330474012	0.08	0.016	0.342	0.008	0.008	0	0	0.011	0.009	0.01	0.001	0.09886667	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-1-14B	1340473012	0.084	0.016	0.338	0.008	0.003	0	0	0.011	0.007	0.009	0.001	0.10255	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-11-5A	1330474012	0.08	0.016	0.342	0.008	0.008	0	0	0.011	0.009	0.01	0.001	0.09886667	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-11-5B	1330474012	0.08	0.016	0.342	0.008	0.008	0	0	0.011	0.009	0.01	0.001	0.09886667	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-1-21B	1340473012	0.084	0.016	0.338	0.008	0.003	0	0	0.011	0.007	0.009	0.001	0.10255	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-13-14A	1330474012	0.08	0.016	0.342	0.008	0.008	0	0	0.011	0.009	0.01	0.001	0.09886667	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-13-14B	1330474012	0.08	0.016	0.342	0.008	0.008	0	0	0.011	0.009	0.01	0.001	0.09886667	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-13-16A	1330474012	0.08	0.016	0.342	0.008	0.008	0	0	0.011	0.009	0.01	0.001	0.09886667	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-13-16B	1330474012	0.08	0.016	0.342	0.008	0.008	0	0	0.011	0.009	0.01	0.001	0.09886667	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-14-11A	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-14-11B	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-14-15A	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-14-15B	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-14-22A	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-14-22B	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-14-25	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-14-26	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-14-28	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-14-29	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-14-30	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A

269-15-10	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-11	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-12	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-13	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-14	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-15	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-16	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-17	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-19	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-2	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-25	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-26	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-27	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-28	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-29	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-3	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-4	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-7	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-8	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-15-9	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-16-21A	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-16-21B	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-16-4	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-17-5A	350084011	0.089	0.015	0.342	0.006	0.017	0	0	0.02	0.03	0.012	0.002	0.10943333	70.21(484.10)	N/A	N/A	56.24(387.77)	N/A	30	N/A
269-17-5B	350084011	0.089	0.015	0.342	0.006	0.017	0	0	0.02	0.03	0.012	0.002	0.10943333	70.21(484.10)	N/A	N/A	56.24(387.77)	N/A	30	N/A
269-18-13A	350084011	0.089	0.015	0.342	0.006	0.017	0	0	0.02	0.03	0.012	0.002	0.10943333	70.21(484.10)	N/A	N/A	56.24(387.77)	N/A	30	N/A
269-18-13B	350084011	0.089	0.015	0.342	0.006	0.017	0	0	0.02	0.03	0.012	0.002	0.10943333	70.21(484.10)	N/A	N/A	56.24(387.77)	N/A	30	N/A
269-19-10	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-11	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-12	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-14	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-15	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-16	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-17	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-18	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-19	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-20	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A

269-19-21	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-22	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-24	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-29	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-30	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-32	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-33	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-34	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-39	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-40	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-41	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-42	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-43	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-44	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-45	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-46	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-47	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-48	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-49	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-50	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-51	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-19-54	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-10	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-11	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-12	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-14	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-2	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-20	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-21	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-22	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-23	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-24	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-25	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-26	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-27	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-28	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-29	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A

269-20-3	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-30	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-31	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-33	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-34	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-35	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-36	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-37	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-38	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-39	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-4	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-40	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-41	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-42	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-43	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-44	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-46	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-48	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-49	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-51	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-52	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-53	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-54	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-55	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-56	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-57	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-6	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-7	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-8	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-20-9	1320481012	0.08	0.012	0.327	0.01	0.004	0	0	0.01	0.004	0.025	0.001	0.09793333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-10	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-11	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-12	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-13	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-16	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-17	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-19	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A

269-21-2	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-20	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-21	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-22	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-23	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-24	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-26	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-27	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-28	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-29	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-3	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-30	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-31	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-32	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-33	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-34	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-35	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-36	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-37	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-38	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-39	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-4	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-40	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-41	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-42	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-43	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-44	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-45	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-46	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-47	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-48	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-5	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-50	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-51	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-52	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-53	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-6	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A

269-21-7	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-8	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-21-9	350058011	0.094	0.017	0.356	0.009	0.014	0	0	0.018	0.028	0.013	0.002	0.11501667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-10	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-11	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-12	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-13	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-14	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-15	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-16	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-17	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-18	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-19	1320630012.	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-20	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-21	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-22	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-23	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-25	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-26	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-27	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-29	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-30	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-31	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-32	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-34	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-35	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-36	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-37	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-38	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-40	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-43	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-44	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-53	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-55	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-56	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-57	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-58	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A

269-23-6	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-23-60	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-10	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-11	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-2	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-4	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-43	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-44	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-45	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-46	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-47	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-48	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-49	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-5	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-51	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-52	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-53	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-55	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-56	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-57	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-58	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-59	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-6	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-60	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-7	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-8	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-24-9	1320630012	0.085	0.009	0.334	0.007	0.002	0	0	0.012	0.008	0.016	0.001	0.10333333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-10	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-11	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-12	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-13	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-16	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-17	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-18	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-19	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-2	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-20	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A

REPORTE DE CALIDAD DE TUBERIA
(Quality Report)

SISTEMA DE GESTION DE LA CALIDAD

Cod: FPD-PR-01-O6

Edicion : 0 | Revision: 4

Fecha de Rev: 15 Junio 2013

269-25-21	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-22	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-23	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-24	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-25	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-26	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-27	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-28	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-29	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-3	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-30	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-31	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-32	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-34	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-35	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-36	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-37	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-38	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-39	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-4	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-41	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-42	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-43	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-44	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-45	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-46	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-47	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-48	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-49	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-5	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-50	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-51	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-52	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-53	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-54	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-56	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-57	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A

REPORTE DE CALIDAD DE TUBERIA
(Quality Report)

SISTEMA DE GESTION DE LA CALIDAD

Cod: FPD-PR-01-O6

Edicion : 0 | Revision: 4

Fecha de Rev: 15 Junio 2013

269-25-58	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-59	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-6	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-7	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-8	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-25-9	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-10	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-12	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-13	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-14	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-15	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-16	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-17	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-2	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-20	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-21	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-22	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-23	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-24	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-25	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-26	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-27	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-28	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-3	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-30	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-31	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-32	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-33	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-34	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-35	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-36	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-37	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-38	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-39	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-4	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-40	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-41	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A

REPORTE DE CALIDAD DE TUBERIA
(Quality Report)

SISTEMA DE GESTION DE LA CALIDAD

Cod: FPD-PR-01-O6

Edicion : 0 | Revision: 4

Fecha de Rev: 15 Junio 2013

269-26-5	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-6	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-7	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-8	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-26-9	269719011	0.095	0.011	0.344	0.008	0.006	0	0	0.016	0.027	0.013	0.002	0.11506667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-27-30	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-27-38	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-27-49	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-27-52	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-27-53	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-27-55	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-27-59	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-27-61	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-10	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-11	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-13	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-14	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-15	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-16	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-17	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-18	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-19	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-2	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-20	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-21	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-22	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-23	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-24	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-25	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-26	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-27	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-28	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-3	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-30	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-31	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-32	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-33	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A

269-28-34	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-35	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-36	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-37	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-38	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-39	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-4	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-40	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-41	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-42	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-43	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-44	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-45	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-49	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-5	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-6	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-7	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-8	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-28-9	1340475012	0.083	0.007	0.324	0.007	0.003	0	0	0.01	0.006	0.01	0.001	0.10046667	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-29-50	1330474012	0.08	0.016	0.342	0.008	0.008	0	0	0.011	0.009	0.01	0.001	0.09886667	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-35-11	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-13	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-14	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-15	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-16	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-17	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-18	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-19	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-20	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-21	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-22	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-23	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-24	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-25	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-26	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-29	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-30	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A

269-35-31	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-33	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-34	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-35	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-35-36	1340602012	0.083	0.018	0.322	0.006	0.002	0	0	0.009	0.008	0.012	0.001	0.10081667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-37-22	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-37	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-38	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-39	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-40	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-42	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-43	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-44	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-45	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-46	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-48	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-49	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-50	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-51	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-52	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-53	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-54	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-55	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-56	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-57	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-58	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-59	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-37-60	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-10	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-11	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-12	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-13	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-14	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-15	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-16	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-2	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-20	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A

269-38-21	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-22	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-23	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-25	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	62(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-26	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-28	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-29	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-3	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-30	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-31	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-32	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-33	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-34	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-36	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-37	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-38	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-39	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-4	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-40	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-41	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-5	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-6	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-7	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-8	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-38-9	1310443012	0.083	0.012	0.321	0.014	0.002	0	0	0.013	0.005	0.028	0.001	0.10088333	61(419.52)	N/A	N/A	48(330.11)	N/A	25	N/A
269-39-10	1320471012	0.093	0.014	0.322	0.01	0.005	0	0	0.012	0.007	0.014	0.001	0.11081667	73.44(505.07)	N/A	N/A	66.30(455.97)	N/A	27	N/A
269-39-11	1320471012	0.093	0.014	0.322	0.01	0.005	0	0	0.012	0.007	0.014	0.001	0.11081667	73.44(505.07)	N/A	N/A	66.30(455.97)	N/A	27	N/A
269-39-12	1320471012	0.093	0.014	0.322	0.01	0.005	0	0	0.012	0.007	0.014	0.001	0.11081667	73.44(505.07)	N/A	N/A	66.30(455.97)	N/A	27	N/A
269-39-13	1320471012	0.093	0.014	0.322	0.01	0.005	0	0	0.012	0.007	0.014	0.001	0.11081667	73.44(505.07)	N/A	N/A	66.30(455.97)	N/A	27	N/A
269-39-20	1320471012	0.093	0.014	0.322	0.01	0.005	0	0	0.012	0.007	0.014	0.001	0.11081667	73.44(505.07)	N/A	N/A	66.30(455.97)	N/A	27	N/A
269-39-21	1320471012	0.093	0.014	0.322	0.01	0.005	0	0	0.012	0.007	0.014	0.001	0.11081667	73.44(505.07)	N/A	N/A	66.30(455.97)	N/A	27	N/A
269-39-24	1320471012	0.093	0.014	0.322	0.01	0.005	0	0	0.012	0.007	0.014	0.001	0.11081667	73.44(505.07)	N/A	N/A	66.30(455.97)	N/A	27	N/A
269-39-8	1320471012	0.093	0.014	0.322	0.01	0.005	0	0	0.012	0.007	0.014	0.001	0.11081667	73.44(505.07)	N/A	N/A	66.30(455.97)	N/A	27	N/A
269-42-58	1340474012	0.084	0.019	0.323	0.007	0.002	0	0	0.011	0.007	0.01	0.001	0.10191667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-42-59	1340474012	0.084	0.019	0.323	0.007	0.002	0	0	0.011	0.007	0.01	0.001	0.10191667	50.85(349.71)	N/A	N/A	62.35(428.80)	N/A	31	N/A
269-48-10	1212120012	0.187	0.181	0.738	0.009	0.002	0	0	0	0	0	0	0.22993333	N/A	67.2(463)	68.54(471.37)	N/A	44.4(306)	N/A	34
269-48-11	1212120012	0.187	0.181	0.738	0.009	0.002	0	0	0	0	0	0	0.22993333	N/A	67.2(463)	68.54(471.37)	N/A	44.4(306)	N/A	34

269-48-12	1212120012	0.187	0.181	0.738	0.009	0.002	0	0	0	0	0	0	0.22993333	N/A	67.2(463)	68.54(471.37)	N/A	44.4(306)	N/A	34
269-48-13	1212120012	0.187	0.181	0.738	0.009	0.002	0	0	0	0	0	0	0.22993333	N/A	67.2(463)	68.54(471.37)	N/A	44.4(306)	N/A	34
269-48-17	1212120012	0.187	0.181	0.738	0.009	0.002	0	0	0	0	0	0	0.22993333	N/A	67.2(463)	68.54(471.37)	N/A	44.4(306)	N/A	34
269-48-8	1212120012	0.187	0.181	0.738	0.009	0.002	0	0	0	0	0	0	0.22993333	N/A	67.2(463)	68.54(471.37)	N/A	44.4(306)	N/A	34
269-48-9	1212120012	0.187	0.181	0.738	0.009	0.002	0	0	0	0	0	0	0.22993333	N/A	67.2(463)	68.54(471.37)	N/A	44.4(306)	N/A	34
269-49-2A	1232366012	0.185	0.153	0.723	0.011	0.002	0	0	0	0	0	0	0.22625	69.97(481.21)	N/A	N/A	46.71(321.24)	N/A	32	N/A
269-49-28	1232366012	0.185	0.153	0.723	0.011	0.002	0	0	0	0	0	0	0.22625	69.97(481.21)	N/A	N/A	46.71(321.24)	N/A	32	N/A
269-50-16	1232366012	0.185	0.153	0.723	0.011	0.002	0	0	0	0	0	0	0.22625	69.97(481.21)	N/A	N/A	46.71(321.24)	N/A	32	N/A
269-53-14	1242314012	0.206	0.115	0.707	0.009	0.004	0	0	0	0	0	0	0.24518333	70.21(484.10)	N/A	N/A	56.24(387.77)	N/A	30	N/A
269-54-5	1242314012	0.206	0.115	0.707	0.009	0.004	0	0	0	0	0	0	0.24518333	70.21(484.10)	N/A	N/A	56.24(387.77)	N/A	30	N/A
269-55-10	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-10-A	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-10-B	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-11	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-11-A	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-11-B	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-15	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-22	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-22-A	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-22-B	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-24	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-25	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-3	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-6	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-6-A	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-6-B	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-7	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-8	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-9	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-9-A	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-55-9-B	112779	0.075	0.017	0.812	0.017	0.0039	0	0	0	0	0	0	0.11616667	70.27(483.27)	N/A	51(350.74)	N/A	N/A	30	N/A
269-56-10	14722	0.07	0.02	0.8	0.007	0.002	0	0	0	0	0	0	0.11066667	73.44(505.07)	N/A	N/A	66.30(455.97)	N/A	27	N/A
269-56-11	14722	0.07	0.02	0.8	0.007	0.002	0	0	0	0	0	0	0.11066667	73.44(505.07)	N/A	N/A	66.30(455.97)	N/A	27	N/A
269-56-2	14722	0.07	0.02	0.8	0.007	0.002	0	0	0	0	0	0	0.11066667	73.44(505.07)	N/A	N/A	66.30(455.97)	N/A	27	N/A
269-56-9	14722	0.07	0.02	0.8	0.007	0.002	0	0	0	0	0	0	0.11066667	73.44(505.07)	N/A	N/A	66.30(455.97)	N/A	27	N/A
269-57-26	14722	0.07	0.02	0.8	0.007	0.002	0	0	0	0	0	0	0.11066667	73.44(505.07)	N/A	N/A	66.30(455.97)	N/A	27	N/A
269-57-28	14722	0.07	0.02	0.8	0.007	0.002	0	0	0	0	0	0	0.11066667	73.44(505.07)	N/A	N/A	66.30(455.97)	N/A	27	N/A

REPORTE DE CALIDAD DE TUBERIA
(Quality Report)

Cod: FPD-PR-01-O6

SISTEMA DE GESTION DE LA CALIDAD

Edicion : 0 | Revision: 4

Fecha de Rev: 15 Junio 2013

269-57-29	14722	0.07	0.02	0.8	0.007	0.002	0	0	0	0	0	0	0.11066667	73.44(505.07)	N/A	N/A	66.30(455.97)	N/A	27	N/A
269-57-30	14722	0.07	0.02	0.8	0.007	0.002	0	0	0	0	0	0	0.11066667	73.44(505.07)	N/A	N/A	66.30(455.97)	N/A	27	N/A
269-7-14A	1242383012	0.202	0.17	0.687	0.007	0.003	0	0	0	0	0	0	0.24201667	70.21(484.10)	N/A	N/A	56.24(387.77)	N/A	30	N/A
269-7-14B	1242383012	0.202	0.17	0.687	0.007	0.003	0	0	0	0	0	0	0.24201667	70.21(484.10)	N/A	N/A	56.24(387.77)	N/A	30	N/A
269-8-25	1242383012	0.202	0.17	0.687	0.007	0.003	0	0	0	0	0	0	0.24201667	70.21(484.10)	N/A	N/A	56.24(387.77)	N/A	30	N/A
269-9-13	1340473012	0.084	0.016	0.338	0.008	0.003	0	0	0.011	0.007	0.009	0.001	0.10255	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-9-15	1340473012	0.084	0.016	0.338	0.008	0.003	0	0	0.011	0.007	0.009	0.001	0.10255	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-9-19A	1340473012	0.084	0.016	0.338	0.008	0.003	0	0	0.011	0.007	0.009	0.001	0.10255	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-9-29A	1340473012	0.084	0.016	0.338	0.008	0.003	0	0	0.011	0.007	0.009	0.001	0.10255	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A
269-9-8	1340473012	0.084	0.016	0.338	0.008	0.003	0	0	0.011	0.007	0.009	0.001	0.10255	62.35(429.91)	N/A	N/A	50.85(350.58)	N/A	31	N/A

Prueba Hidros. (PSI) (Hidrostatic Test).		Tratamiento Térmico (Heat Treatment).			Pruebas de Laboratorio Propiedades Mecánicas(Mechanical test Results)							
Presión (Pressure).	Duración (Time).	Tipo (Type).	T°C min. (Temp).	Metalografía	Método de Inspección No-Destructiva (Non destructive Test Method).		Indicadores de Referencia (Reference Indicator)	Resultado de Macrografía (Macrographic test Result)	Prueba de Aplastamiento (Flattening Test)	Resultado de Prueba de Impacto (Charpy Test) Metal Base (Base Metal). Prom(Average).	Temperfura de Prueba de Impacto (Charpy Test Temperature).	Doblez Guiado (Bending Test) (QW-160)
1611	10 Seg.	NORMALIZADO	540°C	ACEPTADO	UltraSonido (UT)	ACEPTADO (Accepted)	N 10	ACEPTADO (Accepted)	ACEPTADO (Accepted)	N/A	N/A	N/A

Este certificado ampara los numeros de serie de los tubos manifestados, los cuales fueron fabricados, inspeccionados y aceptados de acuerdo a los requerimientos de las especificacion arriba mencionada; FORZA STEEL no garantiza el producto que sea utilizado inapropiadamente

Ing. Félix Botello Hidrogo
fbotello@forzasteel.com
Aseguramiento de Calidad/Quality Assurance Chief