

Sheet1

LEASE NAME

ORIFICE METER CALCULATION FOR LINEAR CHART

METER RUN SIZE (in Inches - 2, 3, or 4)	3
ORIFICE SIZE (in Inches)	0.000
SPECIFIC GRAVITY OF GAS (Air = 1.0)	0.60
FLOWING TEMPERATURE OF GAS (Degrees F)	60
STATIC LINE PRESSURE (in psig)	0
DIFFERENTIAL (in Inches Water)	0
GAS RATE IN MCF/DAY	0

LEASE NAME

ORIFICE METER CALCULATION FOR SQUARE ROOT CHART

METER RUN SIZE (in Inches - 2, 3, or 4)	3
METER PRESSURE RANGE (in PSIA)	100
METER DIFFERENTIAL RANGE (Inches Water)	100
ORIFICE SIZE (in Inches)	0.000
SPECIFIC GRAVITY OF GAS (Air = 1.0)	0.60
FLOWING TEMPERATURE OF GAS (Degrees F)	60
STATIC LINE PRESSURE READING (1 to 10)	0.0
DIFFERENTIAL READING (1 to 10)	0.0
GAS RATE IN MCF/DAY	0

TABLE 1

ORIFICE SIZE	METER RUN SIZE IN INCHES			
	1	2	3	4
0.250		0.3067	0.3066	0.3060
0.375		0.6860	0.6848	0.6840
0.500		1.2190	1.2140	1.2120
0.625		1.9140	1.8970	1.8920
0.750		2.7790	2.7400	2.7290
0.875		3.8240	3.7440	3.7230
1.000		5.0730	4.9120	4.8740
1.125		6.5570	6.2510	6.1860
1.250		8.3290	7.7710	7.6610
1.375		10.4600	9.4860	9.3030
1.500		13.0900	11.4100	11.1200
1.625			13.5800	13.1200
1.750			16.0100	15.3100
1.875			18.7500	17.7100
2.000			21.8600	20.3200
2.125			25.4000	23.1800
2.250			29.5200	26.3000
2.375				29.7200
2.500				33.4800

LINEAR CALCULATIONS

SQRT #NAME?
Fb #NAME?
Fg #NAME?
Ft #NAME?

GAS MCF/DAY #NAME?

SQUARE ROOT CALCULATIONS

Fd #NAME?
Fbb #NAME?
Fgg 1.2910
Ftt #NAME?

GAS MCF/DAY #NAME?

\M /XMMENU~

LINEAR CHART
Linear chart
{HOME}/XMINPUT~

/XMINPUT

INPUT
Input Gas Flow Data
{GOTO}A1~/RIA1..D20~
{CALC}/XMINPUT~

/XMINPUT2

INPUT
Input Gas Flow Data
{GOTO}A21~/RIA21..D40~
{CALC}/XMINPUT2~

L-10 CHART
Square root chart
{GOTO}A21~/XMINPUT2~

PRINT
Print Gas Flow Data
/XLINPUT LEASE NAME ~
NAME~/RLCNAME~
/PPCRRPAGE1~
GQ/XMINPUT~

SQUARE ROOT
Calculate Gas on Square Root Chart
{GOTO}A21~/XMINPUT2~

QUIT
Quit This Worksheet
/FRAUTO123~

PRINT
Print Gas Flow Data
/XLINPUT LEASE NAME ~
NAME2~/RLCNAME2~
/PPCRRPAGE2~
GPQ/XMINPUT2~

LINEAR CHART
Calculate Gas on Linear Chart
{HOME}/XMINPUT~

QUIT
Quit This Worksheet
/FRAUTO123~