

Calculation for Leak Volume

INPUT

Facility Name	=	Cal B	
Date	=	10/11/2019	
Hole Size	=	0.5	Inches
Pipe Pressure	=	88	psig
Duration	=	5.6	Hrs

EQUATIONS

Leak Rate = $(1.178) * (\text{Hole Size}^2) * (\text{Pipe Psig})$

CALCULATIONS

Leak Rate	=	25.916	Mcf/Hr
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Gas Loss	=	145.130	Mcf
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