

Calculation for Leak Volume

INPUT

Facility Name	=	2B2-4 Pipeline	
Date	=	8/8/2019	
Hole Size	=	4	Inches
Pipe Pressure	=	7	psig
Duration	=	0.83	Hrs

EQUATIONS

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

CALCULATIONS

Leak Rate = 137.590 Mcf/Hr

Gas Loss = 114.200 Mcf