

NCE2002947139

**Calculation for Leak Volume****INPUT**

Facility Name	=	F-16-4-1	
Date	=	11/13/2019	
Hole Size	=	1.25	Inches
Pipe Pressure	=	30	psig
Duration	=	6	Hrs

**EQUATIONS**

Leak Rate	=	(1.178) * (Hole Size^2) * (Pipe Psig)	
-----------	---	---------------------------------------	--

**CALCULATIONS**

Leak Rate	=	55.219	Mcf/Hr
-----------	---	--------	--------

Gas Loss	=	331.313	Mcf
----------	---	---------	-----