

Blowdown Volume Calculation

INPUT

Facility Name
Date

Cal C Pipeline
10/3/2019

Pipe OD
Pipe WT
Pipe Pressure
Pipe Length

16.000 Inches
1.23 Inches
42 Psig
13 Miles

EQUATIONS

Blowdown Volume

$$\frac{(1.96) * (P_{sig} + 14.45) * (Pipe\ ID^2) * (miles) * (1000)}{(Z * 10^6)}$$

CALCULATED

Pipe ID
Z Factor

13.540
0.989

Blowdown Volume = 268 Mcf