



BTE Aluminium Dome Input Data Sheet

Tank Information

Tank Owner	<hr/>		
Tank Location	<hr/>		
Stored Product	<hr/>		
Stored Product Temperature	<hr/>	°C	
Tank Diameter	<hr/>	m	
Tank Height	<hr/>	m	
Dome Cover Type required ?	Gas Tight	Free Vent	
If 'Gas Tight' type, design pressure ?	Positive	mmAQ	<hr/>
	Negative	mmAQ	<hr/>
Required Breather Valve capacity ?	<hr/>	m ³ /s	
Wind Girder	Yes	<hr/>	No <hr/>
IFR	Yes	<hr/>	No <hr/>
Rolling Ladder	Yes	<hr/>	No <hr/>
If 'Yes', ladder connection required ?	Yes	<hr/>	No <hr/>

Design Condition

Live Load	<hr/>	kPa	(Default : 1kPa)
Wind Load	<hr/>	m/s	(Default : 53m/s)
Roof Supporting type	Sliding	<u>Default</u>	Fixed <hr/>

Accessories

Required number of Skylights ?	<hr/>	ea	(Default : 1 ea)
Gravity Vent required ?	Yes	<u>Default</u>	No <hr/>
IFR Suspension cables required ?	Yes	<hr/>	No <u>Default</u> <hr/>
Walkway required ?	Yes	<u>Default</u>	No <hr/>
Center Platform required ?	Yes	<hr/>	No <u>Default</u> <hr/>
Roof Manhole required ?	Yes	<u>Default</u>	No <hr/>
Number of Penetration pipes ?	<hr/>	ea	<hr/>

Others

Any limitation on the height of dome ?	Yes	<hr/>	No <hr/>
If 'Yes', height limit.	<hr/>	m	
Available location for assembly ?	Inside	<hr/>	Outside <hr/>
	Both	<hr/>	