

Project Data

Quotation-No.	Order-No.
Project-No.	Project Reference
Valve / Flame Arrester Tag No.	Tank / Vessel No.

Storage Tank / Vessel

<input type="checkbox"/> aboveground	diameter	m/ft	design pressure	mbar/ln W.C.
<input type="checkbox"/> buried	height	m/ft	design vacuum	mbar/ln W.C.
<input type="checkbox"/> insulated	wall height	m/ft	pumping-in-rate	m³/h cu ft/min
ins. thickness	mm / inch		pumping-out-rate	m³/h cu ft/min
<input type="checkbox"/> blanketed	blank gas	step	design standard	DIN API others

Stored Product Offgas/Vapour-Composition

Components Name	Formula	Vol.%	Flashpoint °C/°F	Haz. Group	MESG mm/inch	Ex-Gr.

Processing Plant

design temperature	°C/°F	design pressure	bar/psi		
operating temperature	°C/°F	operating pressure	bar/psi	back pressure	mbar/ln W.C.

Installation

<input type="checkbox"/> in-line	<input type="checkbox"/> horizontal	distance to source of ignition	m/ft
<input type="checkbox"/> end-of-line	<input type="checkbox"/> vertical		

Function

<input type="checkbox"/> pressure	<input type="checkbox"/> endurance burning proof	<input type="checkbox"/> temperature monitored
<input type="checkbox"/> vacuum	<input type="checkbox"/> short-time burning proof	
<input type="checkbox"/> pressure/vacuum combined	<input type="checkbox"/> deflagration proof	<input type="checkbox"/> pressure monitored
<input type="checkbox"/> flame arrester	<input type="checkbox"/> detonation proof	<input type="checkbox"/> bidirectional

Valve and Flame Arrester Data

size nominal DN	flow \dot{V}	m³/h cu ft/min	density	kg/m³ lb/cu ft
pressure nominal PN	inlet flange	DN	PN	form
adjusted set pressure	outlet flange	DN	PN	form
adjusted set vacuum	pressure drop Δp	mbar/ln W.C.		

Material

pressure carrying parts	internals	lining

Inspection/Documentation

material certificate	works certificate	performance certificate

Piping Flow Diagram (excerpt) / Additional Remarks / Miscellaneous → refer to separate sheet

Fill in and tick off, if applicable, delete unit, if not applicable

signed:

date:

approved:

released:



for safety and environment