

# PROTECTOSEAL DETONATION ARRESTER APPLICATION WORKSHEET

<b>COMPANY:</b>		<b>DATE:</b>	
<b>PHONE:</b>		<b>ISSUED BY:</b>	
<b>FAX:</b>		<b>ADDRESS:</b>	
<b>E-MAIL:</b>			
<b>PROJECT:</b>			

*Please Specify Units of Measurement*

## SERVICE CONDITIONS

1	Tag Number				
2	Tank Number				
3	Capacity of Tank				
4	Tank Design Pressure				
5	Tank Design Vacuum				
6	Gas / Vapor % or ppm				
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7	Specify by Weight or Volume				
8	Molecular Weight Average				
9	Vapor Group NEC or IEC Rating				
10	Flash Point F				
11	Temperature F Operating / Maximum	/	/	/	/
12	Pressure Operating / Maximum	/	/	/	/

## DETONATION ARRESTER APPLICATION

13	Deflagrations & Stable Detonations				
14	Deflagrations, Stable & Unstable (Overdriven Detonations)				
15	Distance between Arrester & Ignition Source				
16	List Bends between Arrester & Ignition Source				
17	Additional Information				

## FLOW REQUIREMENTS

18	Flow Requirements				
19	Allowable Pressure Drop Across Arrester				

## MATERIALS OF CONSTRUCTION

20	Body Material				
21	Arrester Element Winding				
22	Arrester Element Housing				

## DESIGN TYPE

23	Vertical or Horizontal Installation				
24	Size: Inlet / Outlet	/	/	/	/
25	Connection Type				
26	Drain Plugs (qty / size/ NPT or flanged)				
27	Other Options				

## RECOMMENDATION

28	Protectoseal Model Number				
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