

EXPLOSION SAFETY WORKSHEET



REMBE® Inc.

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Company _____
 Address _____

 Project _____
 Insurance Carrier _____

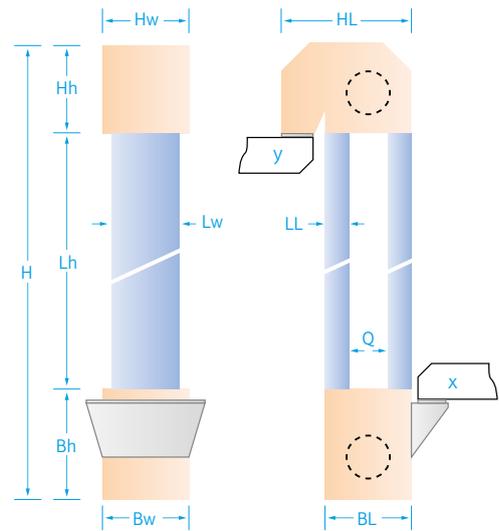
Contact _____
 Phone _____
 Fax _____
 Email _____

Bucket Elevator

Process	
Maximum positive pressure	
Maximum vacuum	
Maximum process temperature	
Ambient temperature	

Combustible material	
Name	
P _{max}	barg
K _{St}	bar*m/s
MIE	mj
Hybrid Mixture NFPA = < 10% LEC VDI = < 20% LEC	<input type="checkbox"/> Yes <input type="checkbox"/> No
Metallic dust	<input type="checkbox"/> Yes <input type="checkbox"/> No

Enclosure	
Tag/I.D. Number	
Manufacturer	
Model No.	
P _{red} – enclosure strength	
Enclosure location	<input type="checkbox"/> Indoors <input type="checkbox"/> Outdoors <input type="checkbox"/> Both
If indoors - distance to exterior	
H	Overall height
HL	Head length
Hw	Head width
Hh	Head height
BL	Boot length
Bw	Boot width
Bh	Boot height
Legs	<input type="checkbox"/> Single <input type="checkbox"/> Double
LL	Legs length
Lw	Legs width
Lh	Legs height
Q	Space between legs



Buckets	
Number of buckets (total)	
Spacing between buckets	
Bucket material	

Aspiration lines			
	Boot	Legs	Head
Number of aspiration lines			
Aspiration pipe diameter			
Aspiration pipe length			

Upstream and Downstream systems		
x	Upstream feed type	
	Upstream dimensions	
	Upstream length	
	Number of feed systems	
	Upstream Rotary Valve (Explosion proof)	<input type="checkbox"/> Yes <input type="checkbox"/> No
y	Downstream outlet type	
	Downstream dimensions	
	Downstream length	
	Number of downstream outlets	
	Downstream Rotary Valve (Explosion proof)	<input type="checkbox"/> Yes <input type="checkbox"/> No

Submit