



## VACUUM EDUCTOR DATA SHEET

Client:	Bunge-Ergon Vicksburg	P&ID No.:	61310-PI-4301
Location:	Vicksburg, MS	Tag No.:	VE4301
Project:		Name:	Dehydration Vacuum Eductor
Project No:	61310	By:	C Elko
Manufacturer	*	Rev.	A
Manufacturer Model No.:	*	Date:	6-Jun-06
<b>MOTIVE FLUID</b>			
1. Motive Fluid		Ethanol/Water (68% Ethanol, 32% Water)	
2. Specific Gravity		0.82	
3. Fluid Temperature	°F	95	
4. Pressure Available	psig	100	
5. Flow Required	GPM	*	
6. Eductor Pressure Drop	psig	100	
<b>PROCESS FLUID</b>			
1. Process (Suction) Fluid		Air, CO2, Ethanol & Water Vapor	
2. Fluid Inlet Temperature	°F	95.0	
3. Suction Pressure Required	psia	2.0	
4. Flow Rate (Equivalent Air)	scfm	60.6	
5. Discharge Pressure	psig	0.0	
<b>MATERIAL OF CONSTRUCTION</b>			
1. Material of Construction		STAINLESS STEEL	
2. Type of Connections		150 # ANSI Raised Faced Flange	
3. Suction Size	inches	*	
4. Inlet Size	inches	*	
5. Outlet Size	inches	*	
<b>Notes:</b>			
<ol style="list-style-type: none"> <li>Advise on any special installation instructions, e.g. Number of pipe diameters recommended before inlet/after outlet, eductor orientation, etc.</li> <li>Require detailed drawings</li> </ol>			