Carbon VRU Design Form

Please fill in this form to the best of your ability to allow us to properly size your Carbon Vapor Recovery Unit (VRU).

Please send this completed form to your salesperson. Thank you for your interest.

Customer Information	
Customer Name	
Contact Person	
Customer Address	
Customer Address (Continued)	
Telephone Number	
Fax Number	
Email Address	

Project Information	
Project Reference Number	
Anticipated Date of Award	
Required Quote Date	
Firm or Budgetary (Specify One)	
Required Delivery Time	
Specifications	Cimarron Standard ☐ Customer Specific ☐ (Please attach)
Component Manufacturers	Cimarron Standard ☐ Customer Specific ☐ (Please attach AML)

Site Data				
Site Location/Name				
Elevation Above Sea Level				
Ambient Temperature	Min:		Max:	
Available Power	Voltage (V):	Phase:	Frequency (Hz):	
Hazardous Area Classification (e.g., Class 1, Div 2, Group D)	Class:	Division:	Group:	Other:

Loading Data			
Type of Loading (select one)	Truck ☐	Marine ☐	Rail ☐
Type of Filling (select one)	Top ☐	Top Submerged ☐	Bottom ☐
Vehicles Loaded Simultaneously (#)			
Average Vehicle Capacity			
Loading Arms/Hoses Per Vehicle (#)			
Max Flow Rate Per Loading Arm			
Average Inlet Vapor Concentration			

Product Data		
Absorbent Storage Temperature	Summer Max:	Winter Max:
Absorbent Reid Vapor Pressure	Summer Max:	Winter Max:

Loading Profile

Parameter – Maximum Values	Petrol / Gasoline	Distillate	Total
Instantaneous Rate (vol/minute)			
15 Minutes (max vol)			
1 Hour (max vol)			
4 Hours (max vol)			
24 Hours (max vol)			

What is the average daily gasoline/distillate split?

Gasoline: %	Distillate: %

Additional Questions

1. Is it possible for a truck that had a prior load of gasoline to come back with gasoline vapors and load distillates? Yes ☐ No ☐

   If yes, approximately what percentage of distillate trucks will do this?

2. Are oxygenate additives added into the Petrol? Yes ☐ No ☐

   If yes, what type and concentration by weight?

3. What is the required emissions limit? (Please specify in units, e.g., 10 mg/L loaded, 10 gm/m^3 emitted)

Additional Comments