

Railcar Loading/Unloading

Data Sheet

Name _____
 Company _____
 Address _____
 City _____ State _____ Zip Code _____
 Phone: _____ Fax: _____
 email: _____

1. Loading [] Unloading []
2. Pipe Size: _____
3. Product(s) to be handled: _____
4. Flow Rate: _____ GPM _____
5. Is static a concern? [] Yes [] No
6. Pressure: Positive _____ Negative _____
7. Product Temperature: _____
8. [] Dry Line [] Wet Line
9. Is vapor and/or purge line required? [] Yes [] No
10. Loading/Unloading Method: [] Tight Fill [] Splash Fill [] Suction
 other _____
 If tight fill, type connection required [] Flanged [] Union [] Vapor Cone
 [] Coupler/Adapter [] other _____
11. Will a valve be required? [] Yes [] No
 If yes, please describe: _____

12. Will arm service both sides of platform? [] Yes [] No

Please use the sketch at right to complete the following:

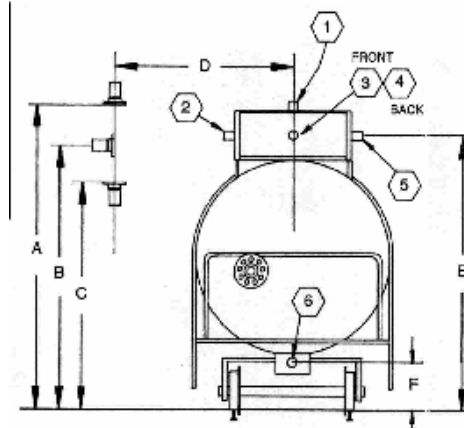
Connections to be made at the following points (indicate from sketch 1-5): If more than one connection is required:

- Distance between connections _____
- Connector Sequence _____
- (A) Riser (drop feed) High _____
- (B) Riser (Horizontal) _____
- (C) Riser (Up-Feed) _____
- (D) Center (Riser to Tank Car) _____
- (E) Connection Height (Top) _____
- (F) Connection Height (Bottom) _____

Customer Preferences (If Applicable)

Type of Arm (Emco Wheaton Model Number) _____
 Desired metals and seals _____

Petro Chem Technologies, Inc.
 PO Box 540
 Berkeley Heights, NJ 07922
 Phone: 908-286-0033
 Fax: 908-286-0034



Additional Considerations:

Distance between Risers _____
 (K) Safety Rail to Riser Center _____
 Risers are [] Flanged [] Threaded
 Distance between Ground and Track: _____
 Distance of Closest Obstructions _____
 Safety Rail _____ Piping _____
 Canopy _____ Support Beam _____
 other _____
 Is a Valve Required? [] Yes [] No
 If yes, describe type and location: _____

Actuation Swivel Joint Style:

- [] Split Flange w/spring energized seals
- [] Standard joint w/V-ring seals
- [] Aluminum Joint (O-ring seals only)
- [] Steam Jacketed Joint [] Split Flange - PTFE Lined
- [] Split Flange Joint with Leak Detection and Purging Capabilities

Options for Open Dome Loading:

- [] Automatic Shut-off
- [] Pneumatic/Hydraulic Actuation
- [] Telescopic Drop Pipe