

CUSTOMER DATA

Company: _____	Ph: _____
Contact: _____	Ext: _____
Title: _____	Fax: _____
Address: _____	E-M: _____
(Street Add _____	
f/CD) _____	
Submit By: _____	Date: _____
	PC: _____

DETERMINING THE MOST APPROPRIATE GATE OPENER FOR AN UNLOADING SITE, REQUIRES COMPLETE AND ACCURATE DATE. WE WANT OUR GATE OPENER TO BE ONE OF OUR CUSTOMER'S BEST BUYS – EVER.

I. RAILCAR and PRODUCT

1. What product(s) is unloaded: _____

2. Railcars Discharge into/onto:

<input type="checkbox"/> Screw Conveyor	<input type="checkbox"/> Pneumatic Conveyor	<input type="checkbox"/> Truck
<input type="checkbox"/> Belt Conveyor	<input type="checkbox"/> Vibrating Conveyor	<input type="checkbox"/> _____
<input type="checkbox"/> Bin or Hopper	<input type="checkbox"/> Drag Conveyor	<input type="checkbox"/> _____

3. How many railcars to you unload: DAILY _____; WEEKLY _____; MONTHLY: _____;

4. Do Railcars use Rack & Pinion Type Slide Gates?

<input type="checkbox"/> YES, if so: How are Gates Opened	<input type="checkbox"/> NO, if so: Explain discharge method:
<input type="checkbox"/> Pry Bar	<input type="checkbox"/> Come-A-Long
<input type="checkbox"/> Power Tool	<input type="checkbox"/> Ratchet Wrench
<input type="checkbox"/> Torque Wrench	<input type="checkbox"/> Jack
<input type="checkbox"/> Other _____	<input type="checkbox"/> Pneumatic (hose)
	<input type="checkbox"/> Gravity Swing Gate
	<input type="checkbox"/> Other _____

5. What percentage of Railcar Slide Gates are:

FIXED Type: _____ % TRAVEL Type: _____ % OTHER: _____ %

Please explain OTHER: _____

6. Describe the most common problems or difficulties opening Slide Gates:

- Jammed – Product Site Related Difficulties
 Jammed – Poor Gate Condition Other: _____

7. Do weather conditions or temperature affect opening the gate?

- YES, if so: NO

Heat: _____ °F Cold: _____ °F

Humidity Related Ice/Snow Related

8. Which Hopper Car Discharge configuration is most common at your site:

- Railcars:

2 Hopper Model 3 Hopper Model Other: _____

- Number of Discharge Pockets per Hopper:

1 SINGLE POCKET W/ 1 DOUBLE POCKET W/ 2 SINGLE POCKETS
 Capstan 1 side only Capstan 1 side only (Capstan Sockets ea. side)
 Capstan both sides Capstan both sides

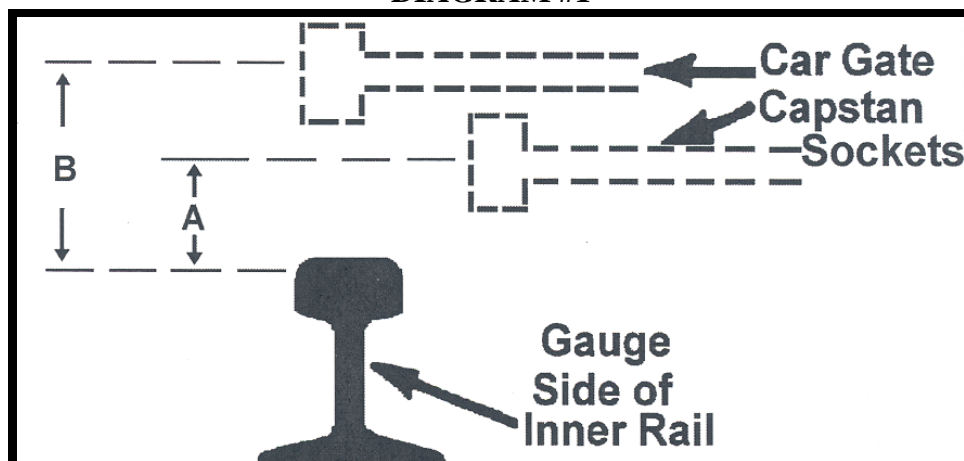
9. Car Gate Capstan Sockets can vary in height from top of Track. Based on **DIAGRAM #1** (below), in relation to top of track, what is the height (") to the center of the:

- YES, if so: NO

A. Lower Capstan Socket: _____ " Height: _____ "

B. Higher Capstan Socket: _____ "

DIAGRAM #1



II. SITE: CONDITIONS and DIMENSIONS

1. Do you use a vibrator to prompt or maintain product flow from Railcar?
- | | |
|--|---|
| <input type="checkbox"/> YES, if so... | <input type="checkbox"/> NO, if so... |
| <input type="checkbox"/> Piston Type | <input type="checkbox"/> Rotary Eccentric |
| <input type="checkbox"/> Roller Type | <input type="checkbox"/> Turbine Type |
| Make: _____ | <input type="checkbox"/> Never Necessary |
| | <input type="checkbox"/> Could use Occasionally |
| | <input type="checkbox"/> Could use Frequently |

2. During unloading is air pollution (eg, dust) or product contamination a problem?
- | | |
|-------------------------------|---|
| <input type="checkbox"/> YES: | <input type="checkbox"/> NO, if so: |
| | <input type="checkbox"/> Not a Problem |
| | <input type="checkbox"/> Use Sock, Boot or Flexible Connector to Undertrack System; |
| | Type: _____ |

3. Is Top of Rail: (a) Above; (b) Below; (c) Even w/Grade If (a) or (b): Height _____"

4. Is Unloading Site enclosed? YES, if so... NO
- | | |
|----------------------------------|-------------------------------|
| <input type="checkbox"/> Partial | <input type="checkbox"/> Full |
|----------------------------------|-------------------------------|

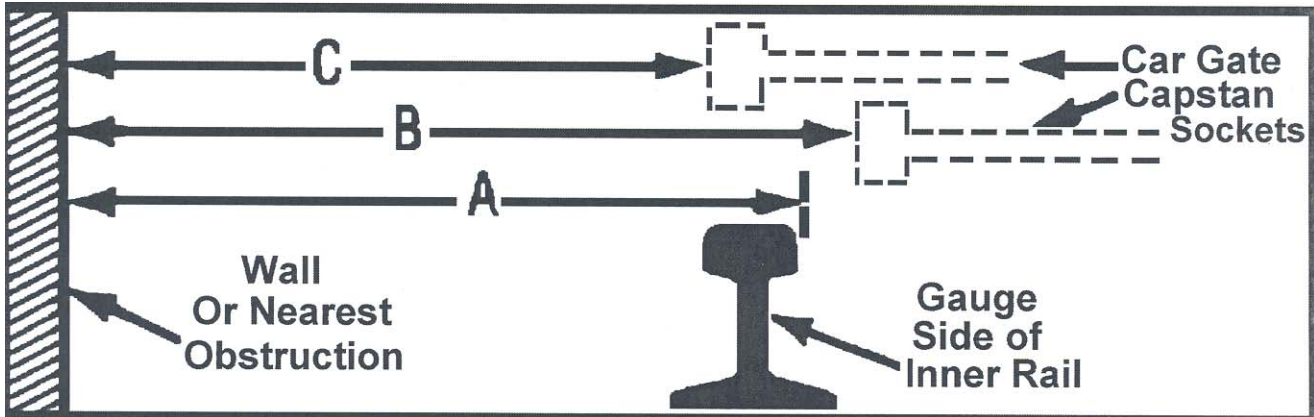
5. Describe the walkway conditions at the Unloading Site:

Level <input type="checkbox"/>	Bumpy <input type="checkbox"/>	Rough <input type="checkbox"/>
Paved <input type="checkbox"/>	Aggregate <input type="checkbox"/>	Dirt <input type="checkbox"/>
N/A <input type="checkbox"/>	Packed <input type="checkbox"/>	Loose <input type="checkbox"/>

6. Is there a Storage Shed at site? YES NO

7. Based on **DIAGRAM #2** (below), what are dimensions (") of:
 A: _____"; B: _____"; C: _____" NO OBSTRUCTIONS

DIAGRAM #2



III. SITE: POWER SOURCES

1. Compressed Air Utility

Is compressed air available at the unloading Site?

YES, if so:

- Horse Power Rate: _____ Hp
- Compressor Outlet: _____ In (")
- Operating Pressure: _____ PSI at Site
- Operating Air Volume: _____ CFM at Site
- If PSI or CFM is insufficient, will install a Receiver Tank? YES NO
- Do you filter & lubricate the compressed air at the Site? YES NO

NO, if so:

- Will you install a Compressor?
 YES NO
- Will you install a Receiver Tank?
 YES NO

2. Electric Utility

Do you have electric power at the Site?

YES, if so:

NO

_____ VAC _____ PH _____ AMPS

- Does the Site require explosion-proof motors and controls? YES NO

3. Hydraulic Utility

Is there hydraulic power available at the Site?

YES, if so:

NO

- Pump Capacity: _____ PSI
- Flow at no load: _____ in ³/min @ _____ PSI
- Flow at full load: _____ in ³/min @ _____ PSI
- Usable oil capacity: _____ in ³ _____
- Is pump powered by:
 Air Motor Electric Motor Universal Electric Gas Engine