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## PNEUMATIC CONVEYING SYSTEM WORKSHEET

REF NO.:	_____	DATE:	_____
NAME:	_____		
COMPANY:	_____		
ADDRESS:	_____		
CITY:	_____	STATE:	_____
		ZIP:	_____
PHONE:	_____	FAX:	_____
EMAIL:	_____		

### CUSTOMER CHECK LIST FOR PNEUMATIC SYSTEMS (NOTE: COMPLETE THIS FORM FOR EACH SYSTEM)

#### SYSTEM REQUIREMENTS

1. Description of system:
2. Product to be Conveyed:
3. Convey rate in lbs/hr:
4. Horizontal distance in feet:
5. Vertical distance in feet:
6. Total number of 90° & 45° elbows
7. Product source (i.e. Railcar, silo, super sack, etc):
8. Please identify if convey gas needs to be something other than air:
9. Altitude at installation site:

#### PRODUCT CHARACTERISTICS

10. Bulk Density lbs/cubic foot
11. Is material heat sensitive:  
If yes, what is the maximum temperature of the convey gas:

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Is cold water or coolant available and if so, what is the temperature and GPM.  
If a liquid coolant is not available, an air to air heat exchanger will be used.

- 12. Is material abrasive:
- 13. Is material corrosive:
- 14. Is material hygroscopic:
- 15. Is material toxic:
- 16. Is material explosive:
- 17. Particle size distribution:
- 18. Is material free flowing:

### EQUIPMENT REQUIREMENTS

19. Material of Construction – Product Contact:

- Carbon Steel
- Carbon Steel Epoxy Coated
- 304 Stainless Steel
- 316 Stainless Steel
- Aluminum

20. Material of Construction – Non Product Contact:

- Carbon Steel
- Carbon Steel Epoxy Coated
- 304 Stainless Steel
- 316 Stainless Steel
- Aluminum

21. Type of system desired

- Dilute phase vacuum
- Dilute phase pressure
- Combination vacuum pressure
- Dense phase

**CAMCORP, Inc.**

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CAMCORP recommendation

22. Motor enclosure (TEFC, Explosion Proof, Energy Efficient, etc):
23. Electrical voltage:
24. Is a system control panel required:  
If yes, which PLC is preferred:  
List other PLC requirements (i.e. Reports, Recipe Management, Motor Starters, etc):
25. Projected start-up date for equipment:
26. General comments:
27. Please submit a drawing or sketch of the requested system with this checklist.

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