



RITE-WAY Filling & Handling Equipment

A DIVISION OF RITE-WAY PACKAGING SUPPLIES & SERVICES INC.

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TECHNICAL DEVELOPMENT QUESTIONNAIRE

To help us give you the best possible bag and/or bag filling and handling system, please answer the following questions, using as much detail as possible. Please use separate questionnaires for each product.

GENERAL

DATE: _____

CUSTOMER COMPANY NAME: _____

PLANT ADDRESS: _____

DECISION MAKERS NAME/TITLE: _____

MATERIAL TO BE PACKED: _____

NET WEIGHT OF MATERIAL IN EACH BAG: _____

ANNUAL BAG REQUIREMENTS (APPROX.) _____

MATERIAL CHARACTERISTIC

1. What is the chemical composition of the product? _____

2. How fine is the product? Mesh Size? _____

3. Is it granular? _____ fluffy? _____ crystalline? _____

4. Does it cake under pressure or remain resilient? _____

5. Is product normally: free-flowing? _____ lumpy _____ caked _____

6. Is product light or heavy in weight? _____

7. What is the percentage of moisture content? _____

Does the material feel wet or dry? _____

8. Does material give off moisture, or take on moisture in air at normal atmospheric conditions? _____

9. Does gain or loss of moisture affect the value or characteristics of the product? _____

10. Must the paper bag protect the product from outside moisture, or from moisture loss? _____

11. Does Product have any chemical action on paper? _____ Plastic? _____
Metal? _____ Is product corrosive? _____

12. Does Material have any poisonous, dangerous, or explosive qualities? _____

13. Will protective liners or coatings be needed in the bag? _____

14. Give the approximate dollar value of the product per unit of material (Kilos, pounds, or tonnes) _____

15. At what temperature is product packed? _____

16. What is the end use of the product? _____

PACKING AND CLOSING

1. What is the present package used? Paper _____ Plastic _____ Polywoven _____

What is the size? _____

What weight per unit? _____

What is the cost per unit? _____

2. What type of baggers are used now? _____

How many bags per minute are packed? _____

3. How are you presently closing your bags? _____
4. How many tonnes per hour can your plant produce? _____
5. How many tonnes per hour can you bag? _____
6. How many men are used in your bagging operation? _____
7. How many men are used for filling & closing? _____ After filling? _____
8. How many shifts does your plant operate? _____ How many days? _____
9. Is all plant output packed into bags? _____
10. Is your business seasonal or steady? _____
11. If seasonal, describe cycle of bag requirements over a year period

12. What weight tolerances are acceptable to you? _____
What accuracies are you getting now? _____
13. Is your plant equipped with compressed air? If so, what volume and what P.S.I. rating? _____

- Do you have a compressed air dryer? _____
14. What electrical services are available currently? Volts? _____
Cycles _____ Phase _____ AC _____ DC _____

HANDLINGS

1. Are bags palletized after closing? _____ If so, what pallet size is preferred?

2. Are filled pallets removed by forklift? _____ conveyor _____
3. Will filled bags be shipped via truck? _____ carload _____
L.T.L. freight _____ Export in ocean-going containers _____
4. Will shipping distances be long or short? _____

5. How many times will the package be rehandled from the time it is filled until it is used? _____
6. Will filled bags be subject to long or short storage intervals? _____
7. Are there any unusual storage features such as hot or cold weather, dampness, or dry atmospheres after the bag leaves your plant? _____
 Any storage or stowage in tropical climates? _____
8. Has your product an official railway classification listing? _____
9. Describe any special handling requirements your customer has, or unusual conditions

YOUR NEEDS AND WANTS

1. How many bags per minute do you require now? _____
 Estimate your requirements in 5 years from now? _____
2. What accuracies would you want when filling your bags, plus or minus your target weight? _____
3. What is more important to you, speed in filling? _____ accuracy? _____
4. Do you require a bagging system that is largely: Manual _____
 Somewhat automated _____ Largely automated _____
 Fully Automatic _____
5. If you require automated packing, or specialized systems, would it be possible to furnish us with 200 Kilograms for test purposes? _____
6. Do you have a preference in the make or models of the baggers or handling equipment? If so, specify? _____
7. Will you be adding to the system over a period of time, ie. Palletizer, bag hangar, stretch equipment, etc.? _____
8. Do you foresee a move to a large facility within the next 5 years?

9. Would you, or have you considered up-grading your present equipment?

THANK YOU FOR TAKING THE TIME TO FILL OUT THIS DETAILED QUESTIONNAIRE. IT WILL PROVIDE A VALUABLE STARTING POINT IN DETERMINING THE TYPE OF PACKAGING OR PACKAGING MACHINERY YOU REQUIRE.

SINCERELY,

RITE-WAY PACKAGING SUPPLIES & SERVICES INC.