



LIQUID FILLING QUESTIONNAIRE

NATIONAL INSTRUMENT COMPANY
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COMPANY: _____

ADDRESS: _____

TELEPHONE: _____

FAX: _____

E-MAIL: _____

DATE: _____

PERSON TO CONTACT: _____

TITLE: _____

SIGNATURE: _____

FILAMATIC REPRESENTATIVE: (if known)

Total number of employees:
 1-9 10-99 100-499 over 500

For a no cost, no obligation recommendation and proposal, please call our Technical Sales Dept. at (800) 526-1301, or fax them at (410) 764-7719. They will be happy to discuss your application with you. To help us get an idea of your Liquid Filling needs, please answer the following questions.

MACHINE SPECIFICATIONS _____

1. Is this a new machine application? () yes () no

If this application is for use on an existing Filamatic Filler, please indicate the following:

Model _____

Serial No. _____

Accessories (Filling Units, nozzles, etc.)

2. *(All standard metal product contact parts wetted by the Filling process are fabricated from 316 or 316L S.S. and optional non-metallic product contact parts are available.)*

Acceptable materials for machine construction:

- _____ 304/316 ss
- _____ Anodized aluminum
- _____ Approved plastics (Lexan, uhmw, Delrin)
- _____ painted CRS / Aluminum

4. Will the Filling System (pumps, tubing and nozzles) clean-up procedure include:

- a. Autoclaving? () yes () no
- b. Clean-in-Place? () yes () no
- c. Steam Cleaning (Steam-in-Place)? () yes () no
- d. Hot water () yes () no
- e. Not sure ()

5. Will in-line filters be located between the Filling Unit and the Nozzle? () yes () no

If yes, list brand _____

model _____

particle retention size _____

6. Is product supply under pressure? () yes () no

If yes, indicate PSI _____

or, Head Pressure _____

7. Check the following, additional equipment or functionality that you want included in the proposal:

- _____ container unscrambler table
- _____ container air cleaner
- _____ nitrogen purge system
- _____ plugger*
- _____ stoppering system*
- _____ capper*
- _____ trayng device
- _____ container accumulator table
- _____ labeling
- _____ coding
- _____ inspection
- _____ reject
- _____ programmable filler
- _____ manually adjustable filler
- _____ ionizing

8. Describe ambient conditions and liquid product feed system including the maximum vertical distance from floor to product reservoir level and horizontal distance from reservoir discharge to filling machine intake.

For example:

"Filling is done in a typical packaging environment and we use a 100 gallon floor tank with bottom discharge that connects to pump inlet." Or, "50 gallon overhead tank connected to pump inlet."

