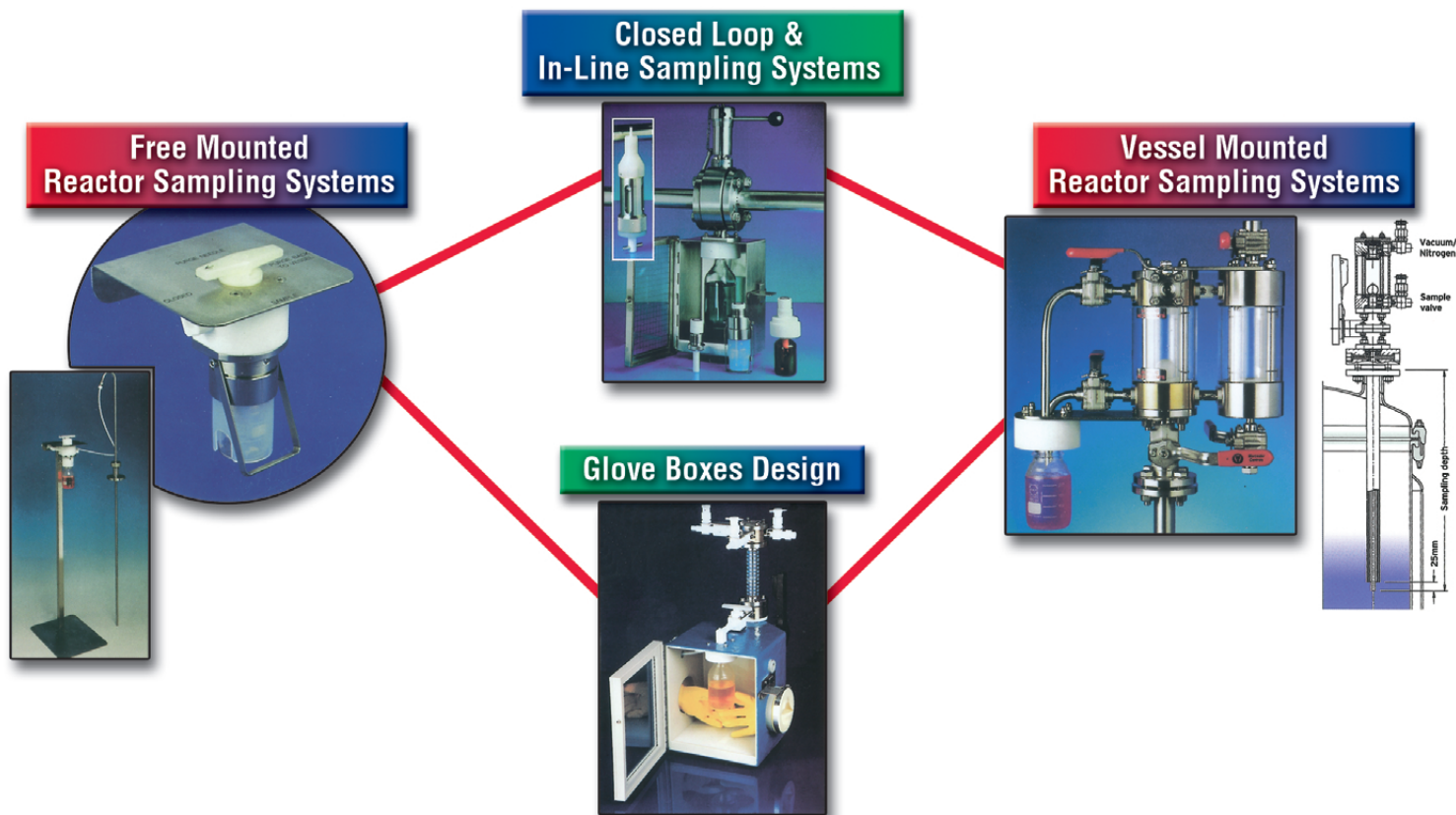


# SAFEGUARD Environmentally Safe SAMPLING SYSTEMS

for Pharmaceutical, Biotechnology and Chemical Industries



## Features and Benefits

- An engineered solution to eliminating fugitive emissions and personnel exposure throughout the sampling process.
- An intrinsically safe design allowing uncontaminated/representative sample to be taken directly from process piping or vessels without requiring flushing.
- 100% bubble tight shutoff and zero stem leakage tested in accordance with API 598 specifications.
- Available in wafer and flanged body designs.
- Available with manual hand-wheel operators, lockable spring to close hand-levers and pneumatic actuators.
- Available in alloys, PFA lined and in small plastic bodies.
- Available body connections (flanged, butt weld, compression fittings, tri-clover clamp flanges, and NPT connections).
- Designed to facilitate composite sampling requirements.
- Available with heating and cooling jackets.
- Size range 1/2" to 6".
- Available with septum sealed bottles, hand held bottles and threaded/vented bottle adapters.
- Custom designed to meet your exact requirements.

# P. E. P.

*Specializing in Plastic Engineered Products*

**Plastic Engineered Products**

50 Tannery Road ■ Building 3 ■ Branchburg, New Jersey 08876 ■ 908-534-6111 ■ 800-407-3726  
Fax 908-534-5287 ■ E-mail: pep@pep-plastic.com ■ Website: www.pep-plastic.com

# PEP Sample Valve System Questionnaire

(Please provide as much information as possible.)

Date: \_\_\_\_\_

Company: \_\_\_\_\_ Contact: \_\_\_\_\_ Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-Mail: \_\_\_\_\_

## 1. Process Conditions

Chemical(s): \_\_\_\_\_ Temperature Deg. F: \_\_\_Min \_\_\_Max pH: \_\_\_\_\_

Corrosive: \_\_\_Yes \_\_\_No Pressure (PSI) \_\_\_Min \_\_\_Max Vapor Pressure (PSI) \_\_\_ Viscosity (cP) \_\_\_

Solids/Crystals: \_\_\_Yes \_\_\_No Micron Particle Size: \_\_\_\_\_

Solidification Temperature of Chemical Deg. F: \_\_\_ Toxicity: \_\_\_Low \_\_\_High Environmental Issue: \_\_\_Yes \_\_\_No

Sample Container: \_\_\_Open Bottle \_\_\_Sealed Bottle \_\_\_Piston Injector \_\_\_Sample Collector Sampling Frequency: \_\_\_/Day

Sample Volume: \_\_\_mL \_\_\_oz. Does Product Solidify in Container? \_\_\_Yes \_\_\_No

Does Container Require Pre-heating/Cooling Prior to Filling? \_\_\_Yes \_\_\_No

Does Container Require Pre-heating/Cooling Prior to Dispensing? \_\_\_Yes \_\_\_No

Description of how the sample is used in the lab. \_\_\_\_\_

How is the remainder of the sample disposed? \_\_\_\_\_

Existing Sample System: \_\_\_\_\_ Mode of Failure: \_\_\_\_\_

## 2. Sampling Systems

**A.** Line Size: \_\_\_ ANSI Rating: \_\_\_ Piping System: \_\_\_Vertical \_\_\_Horizontal Material \_\_\_\_\_

Valve Connection Type: \_\_\_Flanged \_\_\_Wafer \_\_\_NPT \_\_\_Butt Weld \_\_\_Tube Fitting \_\_\_Ring Joint

Method of Operation: \_\_\_Manual \_\_\_Spring to Close Lever \_\_\_Pneumatic Actuator

Materials of Construction: \_\_\_316L SS \_\_\_Alloy 20 \_\_\_Hastelloy C 276 \_\_\_PFA Lined \_\_\_Solid PVDF (Other) \_\_\_\_\_

Stem Sealing: \_\_\_Live Loaded Packing \_\_\_Live Loaded Double Set of Packing w/Lantern Ring

\_\_\_Bellows Seal w/Secondary Safety Packing Heating Jacket: \_\_\_Yes \_\_\_No

**B. Bottle Sampling System:** Handheld Open Top Bottle: \_\_\_Yes \_\_\_No Threaded Bottle Adapter: \_\_\_Yes \_\_\_No

Septum Sealed Bottle: \_\_\_Yes \_\_\_No Needle Adaptor Material: \_\_\_316SS \_\_\_Hastelloy C 276 \_\_\_Titanium

\_\_\_Tantalum Adjustable Bottle Support: \_\_\_Yes \_\_\_No Protective Sampling Box: \_\_\_Yes \_\_\_No

Sample Box Material: \_\_\_316SS \_\_\_Polypropylene Sample Box with Integral Protective Gloves: \_\_\_Yes \_\_\_No

**C.** Customer Supplied Bottle: \_\_\_Yes \_\_\_No Volume: \_\_\_50mL \_\_\_100mL \_\_\_250mL \_\_\_500mL (Other) \_\_\_\_\_

PEP Supplied Bottle: \_\_\_Yes \_\_\_No Volume: \_\_\_50mL \_\_\_100mL \_\_\_250mL \_\_\_500mL (Other) \_\_\_\_\_

Bottle Adaptor: With Vent Connection: \_\_\_Yes \_\_\_No With Vent Connection & Purge Connection: \_\_\_Yes \_\_\_No

**D.** Piston Injector System: \_\_\_316SS \_\_\_Hastelloy C 276 \_\_\_ (Other) \_\_\_\_\_

Volume: \_\_\_50mL 100mL (Other) \_\_\_\_\_

Piston Injector End Connectors: \_\_\_\_\_

Piston Injector Laboratory Stand: \_\_\_Yes \_\_\_No

**E.** Laboratory Requirements: \_\_\_\_\_

**F.** Other – Provide Us With Your Unique and Custom Requirements, Including Complete Turnkey Systems: \_\_\_\_\_

Please Fax This Form to 908-534-5287 for a Quotation or Call 1-800-407-3726