

## GRAB SAMPLING

All chemical manufacturers strive to generate products of the highest quality possible in a most cost-effective way. Samples must be taken throughout the manufacturing process to monitor each stage.

Best practice suggests that only the required quantity is taken, implying a directly representative sample to prevent:

- ✗ Waste
- ✗ Pollution
- ✗ Security hazards

Additional risks to avoid:

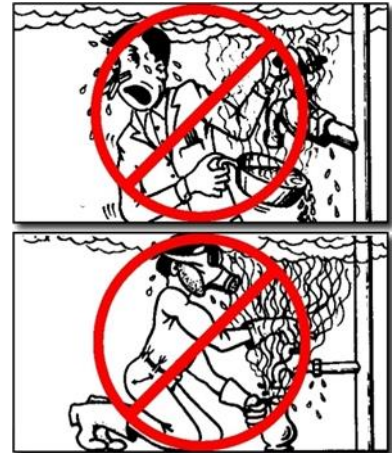
- ✗ Toxic fumes and vapors
- ✗ Contamination of the process
- ✗ Deterioration of the environment

## FUNDAMENTAL PRINCIPLES - HAZARDOUS CHEMICALS

1. The sample must be **REPRESENTATIVE**
2. Sampling must be **SAFE**

### SIMPLER IS BETTER

- Easy to learn & use
- Maintenance free
- No quick-connect & flexible hose
- Operator friendly



### SAFE SAMPLING SYSTEMS

- ✓ Simple
- ✓ Minimum number of steps required
- ✓ Only two valves to operate
- ✓ Limited potential leak points
- ✓ Safe, robust design
- ✓ Failsafe spring-to-close
- ✓ Installs directly on pipeline
- ✓ Directly representative sample, the first time, every time

### TRADITIONAL SAMPLING SYSTEMS

- ✗ Complicated
- ✗ Numerous steps required
- ✗ Several valves to operate
- ✗ Many potential leak points
- ✗ Light / fragile fittings
- ✗ Small tubing needed
- ✗ Recycling / flushing / purging

## AREAS WE CAN HELP

We are the only grab sample system manufacturer that focuses on Safety, Industrial Hygiene & Environment and Sample Quality.

### SAFETY



- Personal Protective equipment should be the last barrier of protection
- Reduce or eliminate exposure to toxic fumes
- Reduce handling of hazardous chemicals
- Improve ergonomics
- Simplify the process
- Remove hazards

### INDUSTRIAL HYGIENE & ENVIRONMENT

- Eliminate waste
- Reduce environmental emissions
- Improve compliance
- Help with Certified Low Leak Technology (CLLT)



### SAMPLE QUALITY

- Truly representative sample, the first time, every time!
- Improve Sample Panels & Closed-Loop Systems

### SCOPE



Our solutions are designed exclusively for hazardous liquids and gases in the following limited categories:

**SAMPLING INTO A BOTTLE / OPEN-TOP RECEPTACLE**

**SAMPLING INTO A SAMPLE CYLINDER**