

FORCE FLOW can manufacture chemical dilution systems for almost any application. Completing this form will allow our application engineers to design and recommend the most suitable system for your application. Written quotations on dilution systems can only be provided after completing this form. Please provide separate sheet per chemical.

Company: _____ Project Name: _____
 Contact: _____ Project Location: _____
 Address: _____
 City/ST/Zip: _____
 Phone: _____
 Fax: _____
 Email: _____

Chemical Type: Liquid Dry
 Caustic Sodium Hypochlorite
 Fluoride Potassium Permanganate
 Sulfuric Acid Other _____

SITE FACTS:

What most accurately describes your current situation?

- Feeding high strength chemicals
 Dilute your own chemical on site
 Purchase pre-diluted chemical
 New System Design
 Other (explain on reverse or attach a sheet)

Of the chemical you currently purchase:

What is the concentration? %

What is your approximate daily chemical usage at this time? Gal

How is your chemical delivered?

- 15 Gallon IBC Totes
 30 Gallon Bulk _____ Gallons
 55 Gallon Other _____

What concentration will you dilute from? %

What final concentration do you require? %

Is chemical feed system:

- Continuous Feed/24 hr Continuous Feed/Shift
 Start/Stop Other _____

Any known exothermic reaction when mixed with water?

- Yes
 No

What is the dilution water hardness in PPM?

PPM

Will the diluted chemical require mechanical mixing?

- Yes
 No

Is the site unattended?

- Yes
 No

TREATMENT OBJECTIVES:

Why do you want or need to dilute your chemical?

Check all that apply.

- Reduce chemical costs
 Safety of low strength chemicals
 Increase metering pump speeds
 Reduce feed problems associated with chemical off gassing
 Reduced scaling
 Decreased chemical degradation
 Prevent freezing of high strength chemicals (caustic)
 Regulatory compliance (minimum metering pump speeds)
 Other (explain on reverse or attach a sheet)

What Merlin product features do you feel will be most important for this application?

Check all that apply.

- Flexibility in choosing beginning and ending chemical strengths.
 Small equipment footprint.
 Accuracy and consistency of diluted chemicals.
 Pre-engineered and tested systems (sole source responsibility).
 Process alarms and remote monitoring.
 Labor reduction through automation.
 Decreased chemical exposure through automation.