Technical Note 157

DAFSense® Application Questionnaire

Pi are committed to ensuring that you get the best experience from your DAFSense®. To ensure that the DAFSense® is suitable to meet your coagulation control objectives we need the following information to get every installation right first time, every time. When you have completed the form please email it to your local sales organisation or direct to the factory.

Contact Info

Name.....

E-mail.....

Mobile No.....

Plant Name.....

Town.....

Country.....

Date.....

Application

1. Application type: Krofta, DAF with mixing tank, DAF with flocculator tubes, other _____ .

2. Batch Process: _____ , Occasional Shutdowns: _____ , or Continuous Online Process: _____ .

3. Quality Water Data (please indicate units):

Flow Rate	Max: _____	Min: _____	Normal: _____
Solids (Raw Water)	Max: _____	Min: _____	Normal: _____
Solids (Treated Water)	Max: _____	Min: _____	Normal: _____
Solids (Sludge)	Max: _____	Min: _____	Normal: _____
pH (Inlet Water)	Max: _____	Min: _____	Normal: _____
pH (Post Coagulant Addition)	Max: _____	Min: _____	Normal: _____
Coagulant (PPM)	Max: _____	Min: _____	Normal: _____
Flocculant	Max: _____	Min: _____	Normal: _____

Coagulant Type: _____.

Flocculant Type: _____.

4. Is coagulant/flocculant being fed at a point that ensures thorough mixing with the stream before ? Yes _____ No _____

5. Does raw water flow change widely (+/-30%), and/or frequently in a relatively short time (e.g. once per hour).

Yes _____ No _____ If Yes, how often or quickly: _____

6. Is coagulant currently paced on raw water flow? Yes _____ No _____

7. Is there a flow meter with an output that DAFSense® can use? Yes _____ No _____

8. What type of signal is output from the flow meter? 4..20mA_____ Pulse _____

Tell us more

If plans include using the DAFSense® for Auto-Control, then please answer the following questions:

1. Is acid/alkali dosing control needed?

_____

2. Is the flocculant fed as constant ppm or proportional to coagulant feed?

_____

3. Does chemical feed pump accept: 4-20mA signal _____ pulse _____

4. Is there compressed air available? Yes / No

5. Is there a clean pressurised water supply available? Yes / No

6. What is the desired treated water setpoint? _____

Drawing

Please draw below (or attach) a line diagram showing raw water flow, all chemical feed points, mixer, possible sample points, settling basins, filters, etc. Something like this: