GENIE®
membrane probes

Troubleshooting Worksheet

Instructions

Use this worksheet when trying to gather information to troubleshoot a Genie® Membrane Probe Regulator™.

Customer Contact Information

Company _____ Contact _____

Phone _____ Fax _____

E-mail _____

Process Conditions

Please submit a sample composition via fax (225.644.3975) or e-mail to either sales@geniefilters.com or the person assisting you.

Pressure (PSIG) _____ Temperature (°F) _____

Regulator Information

What is the model of the regulator? _____

What is the regulator's outlet pressure range? _____

How many analyzers is the probe feeding and what type of analyzers are they? _____

_____

What is the flow rate to each analyzer(s), and each analyzer(s) bypass flow rate? (bypass flow will probably NOT be in cc/min, but may be liters/min or SCFH). Please note the unit (cc/min, l/m, SCFH).____

What is the regulator's set pressure? _____

What is the revision letter on the washer near the pressure adjustment screw and/or the serial number of the probe? _____

_____

Is there a "K" stamped on the wrench flats on top of the housing or does it have the Genie®/A+ logo etched on the side? (Please indicate which one) _____

_____

What position is the probe installed in? (horizontal, angled, vertical) _____

Has the membrane been inspected and/or changed? **Yes** or **No** If so, does it appear to be coated or wet? _____

How long has the probe been in service? _____

Has the regulator been dis-assembled in the field? **Yes** or **No**

(continued on back)

GENIE® sampling solutions

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Regulator Symptoms

Did you experience the problem upon initial installation? _____

Is the regulator outlet pressure drifting? **Yes** or **No** If yes, please describe the type of drift.

- ☐ Rapid, jerky pressure changes
- ☐ Drifting back and forth
- ☐ Drifting upward ☐ Drifting downward

How much pressure drift over what period of time?_____

Is the regulator leaking through (won't shut off)? **Yes** or **No**

Is there a problem with the flow rate through the regulator? **Yes** or **No**

a. If there is no flow, make sure the probe is fully inserted into housing and that the pressure adjustment screw is not all the way backed out.

b. Does the flow rate increase or decrease in conjunction with the supply pressure?_____

c. Is there a Genie® with Liquid Block™ downstream of the GPR? **Yes** or **No** If yes, then the Liquid Block™ may be generating flow changes if it is closing or self-limiting the flow.

Additional Comments: _____

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