

MASTERING Worker and Site Safety Fugitive Emissions Application Challenges



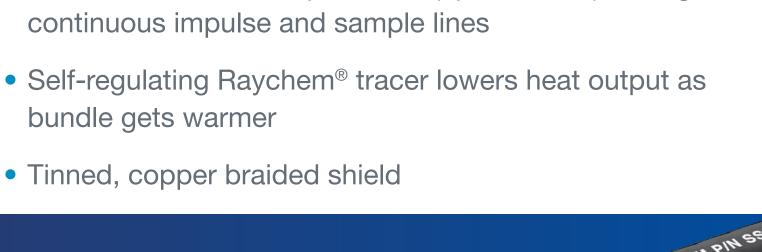
numerous instrumentation applications, including impulse, process, and sampling lines. Available in an array of configurations with multiple process tubes and electric or steam tracers • Insulated with non-wicking, fibrous glass insulation; covered with a PVC or urethane jacket for exceptional

- abrasion and chemical resistance For faster installation and a more consistent thermal
- the bundle, all tubes bend together for easier routing and field connections

performance versus field traced and insulated systems

Because the process and tracer lines are parallel within

- ELECTRIC-TRACED BUNDLE
- Maintains uniform temperatures (up to 250° F) in long,



Swagelok Light Stea

 Superior freeze protection of impulse and analyzer transport lines

Ideal for maintaining temperatures (50° F to 200° F) in

Individually wrapped process and tracer tubes reduce

LIGHT

BUNDLE

heat transfer

your system.

Should be located at every

100' or so of heated line - or

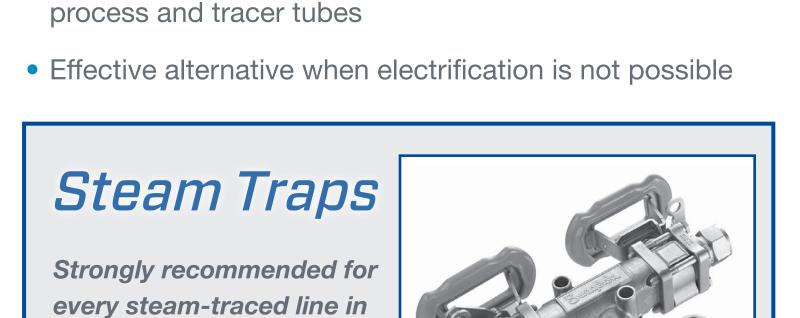
if you have turns or elevation

STEAM-TRACED

small-diameter process lines

- SWAGELOK HEAVY STEAM HEAVY SWAGELOK HEAVY STEAM-TRACED BUNDLE
- Yields optimal high process temperatures (200° F to 400° F) and/or viscosity control

Maximum high heat transfer due to direct contact of



changes in your main line. Separates condensate from steam. Also removes noncondensable gaseous mixtures. Should be installed before any pressure-relief, control, or closed manual valves to

prevent seat erosion and a freeze leading to a rupture.

operator risk and/or equipment damage.

REMEMBER: If condensate isn't effectively removed from

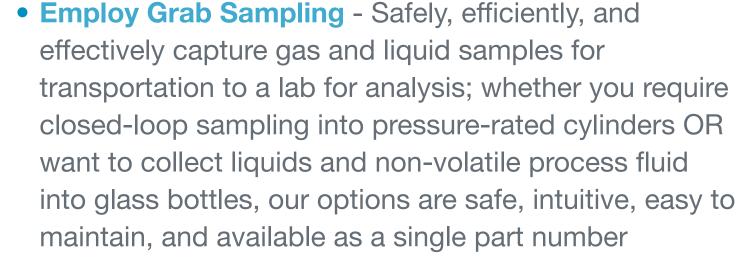
your lines, water hammer could result, causing significant

A Few More Helpful **Winterization Hints**

Conduct an Energy-Loss Evaluation to determine

that could cause system failure in extreme cold

current line leakage and to prevent fugitive emissions



Construct heated housing, even for temporary use, to

Stay SAFE.

No matter how challenging your

Stay PRODUCTIVE.

412.761.3212

Stay PROFITABLE.

protect critical outside equipment

winterization tips and

techniques, contact:

Gary Osman

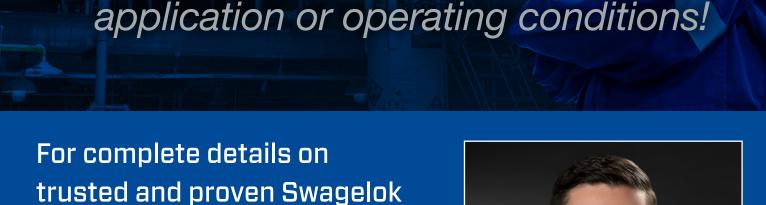
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