

2016 CiSCO CEMS User's Group

Analyzer, Heated Sample Line and PLC Replacements

Analyzer Replacements

- Do you have spare parts to fix?
 - How often is it in for repair?
 - Does Manufacturer still support the analyzer?
 - If you have a spare, are you aware of the QA requirements when you use a spare temporarily?
 - What about a complete analyzer replacement?
 - When to plan for this?
 - Pressure style versus Vacuum style
 - Enough I/O?
 - Space Considerations
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Analyzer Replacements

- Analyzers that are no longer supported:
 - Siemens Ultramat 5e No Longer Supported
 - Siemens Oxymat 5e No Longer Supported
 - Rosemount 951A No Longer Supported
 - Rosemount 951E No Longer Supported
 - Thermo 42C No Longer Supported
 - Thermo 42CHL No Longer Supported
 - Thermo 42CLS No Longer Supported
 - Thermo 48C No Longer Supported
 - Thermo 43C No Longer Supported
 - Thermo 41C No Longer Supported
 - Thermo 41CHL No Longer Supported
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Analyzer Replacements

- Analyzers that are available and supported, but:
 - Rosemount 951C
 - Analyzers still available, but marginally supported:
 - Rosemount NGA/CLD/MLT (3 in one usually)
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Heated Sample Line Replacement

- Heated sample lines have a life span, but that life span varies dramatically
 - Many lines have been in service 15-20 years – others die after only 5 or so
 - When planning – a life span of approximately 10 years is a good rule of thumb
 - We perform temp control on many of the “peaking” units.
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PLC and OIT Replacement

- GE PLCs – the Fanuc to the RX3i
 - Allen Bradley – SLC PLCs - limitations
 - Allen Bradley – CompactLogix and ControlLogix
 - OIT Panels – Allen Bradley, Automation Direct, GE, Maple
 - RealView as an option
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What's Next

- Questions and General Discussion

