

Meggitt's Containment Atmosphere Monitoring System and Spare Parts

Challenge

Low maintenance hydrogen and oxygen analysis is essential at both PWR and BWR plants.

Solution

To meet these needs, Framatome's NPC has an exclusive teaming agreement with Meggitt Safety Systems, Inc. (MSSI), a world-class supplier of analytical instrumentation for the nuclear power system. The NPC will distribute spare parts for MSSI's Containment Atmosphere Monitoring System (CAMS). In addition, the NPC will maintain a steady supply of CAMS inventory, accessible online via our Customer Inquiry System (CIS) 24/7 at www.framatome.com/npc.

Low-Maintenance Hydrogen and Oxygen Analysis

MSSI's innovative analytical products monitor hydrogen and oxygen at critical locations within both BWR and PWR plants. Electrochemical and solid-state sensing technologies are combined with highly advanced conditioning solutions. When implemented with Meggitt software and hardware interfaces, these PLC-based, cutting-edge solutions provide low-maintenance, automated hydrogen and oxygen analysis. The bottom line: Meggitt air monitoring systems provide distinct benefits over traditional measurement technologies. Now, NPC passes these benefits on to you.



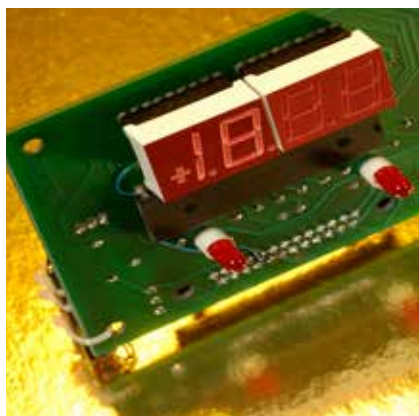
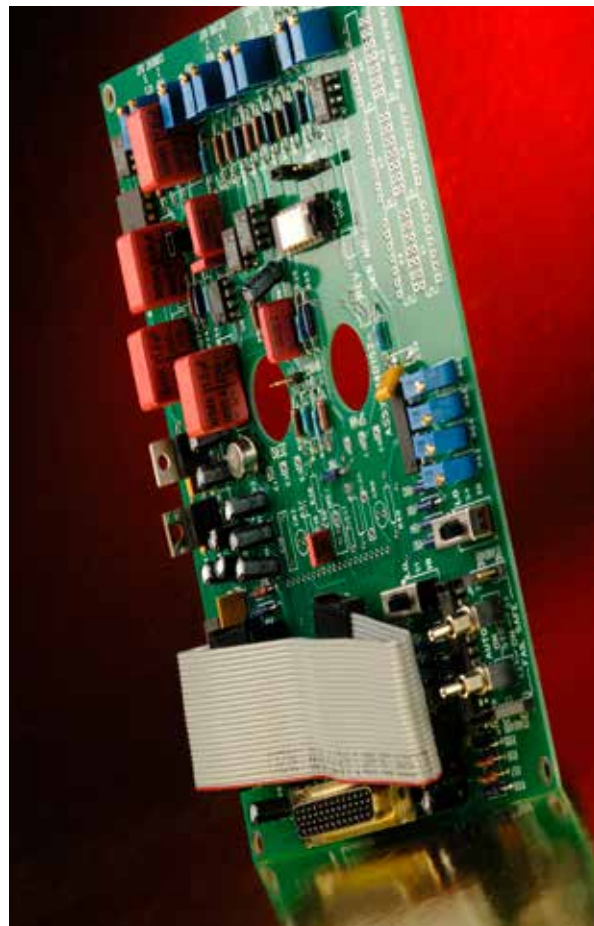
Customer benefits

- NPC will maintain a steady supply of CAMS inventory, accessible on-line via our Customer Inquiry System (CIS) 24/7
- Capability to develop a custom solution to fit your specific needs
- The Meggitt CAMS operates in inert atmosphere or in-air background with no modification to analyzer setup
- No radiation-induced errors
- No custom circuitry — all conditioning modules are standard designs used by many industries and distributed worldwide

Your performance
is **our** everyday **commitment**

Technical Information

- An analyzer that sets a new standard for dynamic operation:
 - Works independent of a sample flow rate; no flow controls are required
 - Functions conveniently at process pressure; no pressure control or regulation are required
 - Uses process temperature, adding heat only as needed to avoid condensation and maintain sample integrity
- No reagent or nitrogen zero gas flows are required for operation of the Meggitt analyzer
- The analyzer is not an ignition source — no hot catalytic surfaces
- Analyzer calibration is accomplished while under full-sample flow conditions. This arrangement eliminates disruption of sample line equilibrium, allowing for rapid return to sample analysis after the calibration
- Analyzer calibration includes a low-span/high-span automatic calibration application — requiring less than 30 minutes for the complete cycle



Scan to view our parts on the web:
www.framatome.com/npc

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