



Custom CEMS And Analyzer Sample Lines





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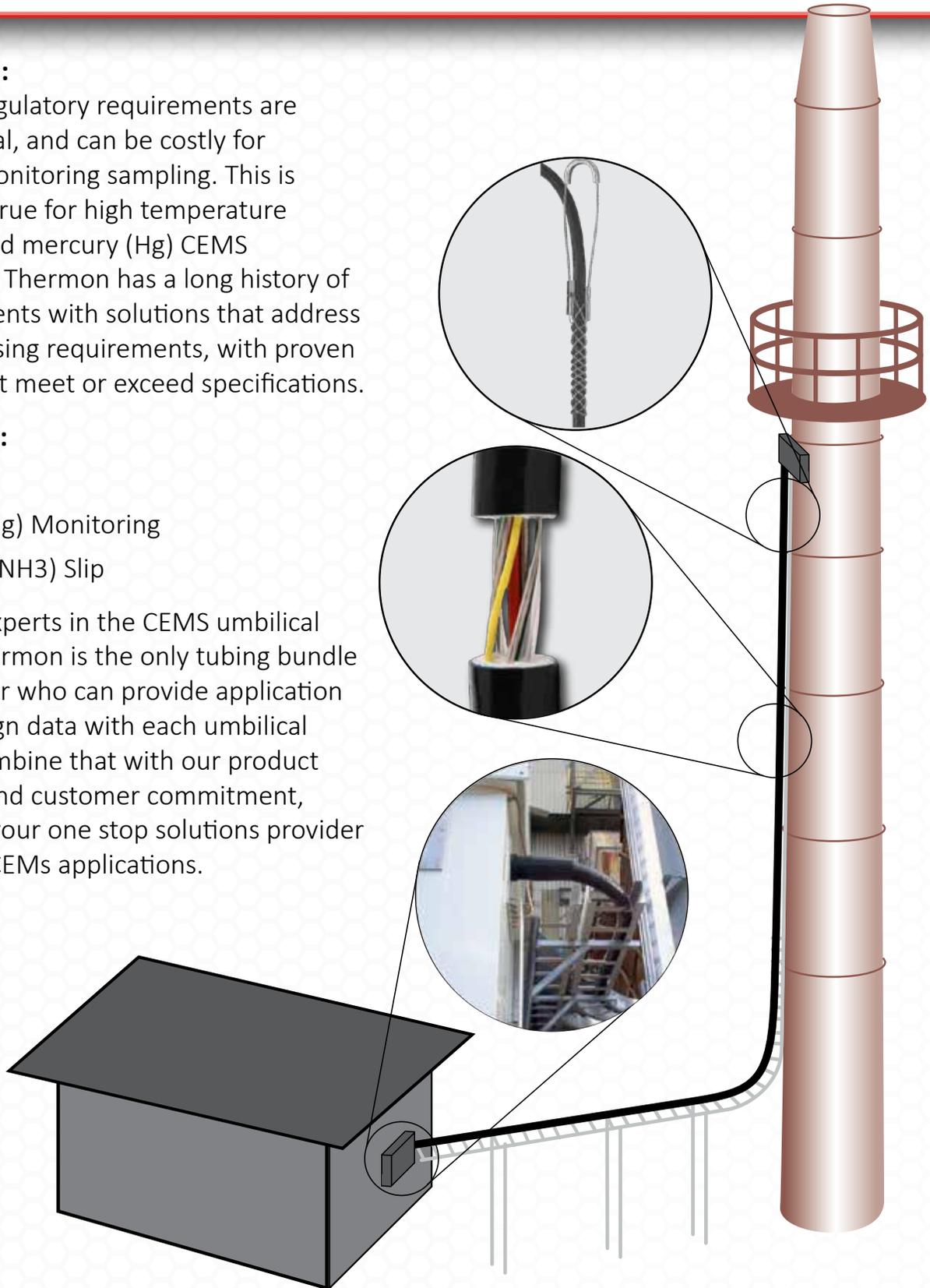
Introduction:

Increased regulatory requirements are stringent, real, and can be costly for emissions monitoring sampling. This is particularly true for high temperature extractive and mercury (Hg) CEMS applications. Thermon has a long history of providing clients with solutions that address these increasing requirements, with proven products that meet or exceed specifications.

Applications:

- Flare CEMS
- Mercury (Hg) Monitoring
- Ammonia (NH₃) Slip

As leading experts in the CEMS umbilical industry, Thermon is the only tubing bundle manufacturer who can provide application specific design data with each umbilical solution. Combine that with our product warranties and customer commitment, Thermon is your one stop solutions provider for Custom CEMS applications.



Single Source Solutions

Thermon TubeTrace Type SE/ME with HPT-XR for exclusive use in heated sample lines where higher maintain temperatures are required. This flexible, cut-to-length zone heater provides the elevated maintain temperatures needed. It is capable of up to 356°F (180°C), and features extended circuit lengths due to its (design and robust) 10 AWG (2.6 mm²) bus wire construction.

The composite construction of the heating element and fiber substrate, plus an additional fiber cushion layer, has made TubeTrace with HPT-XR the industry standard for high temperature emissions and process analyzer applications.



When a pre-insulated, electrically heat traced product, with a flexible, cut-to-length heater is required, HPT-XR takes TubeTrace to the next level in exceeding our clients' needs and expectations!

Typical Product Configuration

Thermon's flexible process allows for a combination of heat tracers, tubing types and auxiliary conductors:

- *Heated sample tubes*
- *Thermon's heat trace, self-regulating & power-limiting*
- *Auxiliary conductors for probe heaters, temperature sensors, alarms, etc.*
- *Un-heated tubes for blow back and calibration gas*
- *Special markings and identification, as required*

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WORLDWIDE APPROVALS

Every product must undergo a multitude of performance tests including stability and long-term reliability. All products are further tested and certified by major approval agencies to verify compliance to international industry standards.



DNV Lloyds GGTN TIIS CQSTEx ABS



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