

Boiler MACT Compliance Solutions for Major Sources

Take The Worry Out Of Meeting The Deadline And Yearly Tune-ups.

As the manufacturer of John Zink®, Coen®, Todd®, Peabody® and Hamworthy Combustion® brand burners, we are uniquely qualified to help you comply with MACT rule requirements — whether it's meeting the initial deadline or handling your annual tuning. We *make* the equipment, so we *know* the equipment like nobody else. This makes us uniquely qualified to help you meet the EPA tune-up requirements of “optimizing emissions of CO consistent with manufacturer's specifications.”

Our energy assessors, factory-trained engineers, and expert technicians can leverage the experience of thousands of installations worldwide to implement effective solutions for your facility. We can make proper adjustments to achieve an optimized flame pattern. As the OEM, we'll also only replace components with genuine OEM parts that won't compromise performance or your warranty.

Let us provide a comprehensive engineering study to assess your facility and identify opportunities for energy savings and operating cost reductions. With our expertise and experience, we can develop a cost-effective compliance strategy specific to your requirements.

In addition to services required to meet MACT work practice standards, we provide:

- + Upgrade of combustion equipment
- + Modifications to emission control
- + Operating procedure optimization
- + Fuel switching
- + Energy efficiency improvements
- + Ongoing preventative maintenance



Your Deadline is January 31, 2016.

Enforcement of the EPA's Major Source Boiler MACT Rule started January of 2013 for installations that began operation on or after June 2010. All other existing units must be in compliance by January 31, 2016.

Contact us at sales@coen.com or +1.800.445.0912 for services required to meet work practice standards listed in Boiler MACT compliance requirements:

- + Annual tune-up
- + Energy assessment
- + Emission compliance testing

**24-Hour Parts
and Service Hotline**
1.800.755.4252



Today's enterprises are challenged to expand capacity while meeting ever-increasing safety, efficiency, performance and emission standards. John Zink Hamworthy Combustion is world-renowned for reliability, efficiency and innovation in combustion system applications and installations. We have been an innovative force in combustion systems – delivering technological expertise, design excellence, practical application and quality research and development with proven performance.

Contact us today to learn more about our MACT compliance solutions at sales@coen.com or by telephone +1 800.445.0912.

Preventative Maintenance Program

All combustion system components have a limited service life. Our program goal is to provide you the maximum possible service life out of these components before they wear out or fail. With a regularly scheduled and properly performed Preventative Maintenance (PM) program, we can help you reduce unplanned downtime, avoid possible emergency call-outs, ensure maximum availability and extend operating life of the equipment.

John Zink Hamworthy Combustion technicians are trained in the operation of all brands of combustion equipment we sell. A regularly scheduled and properly performed PM program by our technicians can optimize the efficiency of your combustion equipment and reduce overall maintenance costs.

Benefits of Program

- + Optimized performance
- + Improved reliability
- + Extended life of equipment
- + Nationwide factory trained service group
- + Qualified factory trained technicians
- + 24-hour emergency response and parts ordering

Preventative Maintenance Program Services

- + Check system integrity
- + Verification of safeties and shutdowns functionality
- + Equipment fine-tuning for proper operation
- + Discuss issues and performance with operations staff
- + Review of PM checklist
- + Recommendation on spare parts
- + Technical support by factory team
- + Operator training and education



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