



# UNDERSTANDING EVOLVING RICE REGULATIONS

*Federal regulations for reciprocating internal combustion engines (RICE) have dramatically changed over the last few years, resulting in many additional requirements that affect how you operate your engine. Understanding the differences between emergency and non-emergency operation and what constitutes a certified engine is imperative in maintaining compliance with the appropriate requirements. Even emergency engines may be subject to the Michigan Permit-to-Install (PTI) program, have operation or maintenance requirements, and in some cases, may require stack testing. While there is no real definition of emergency, it can NEVER include an engine in peaking service.*

## **PRE-REGISTRATION REQUIRED SPACE IS LIMITED**

**SEPTEMBER 15, 2016  
1:00PM – 4:00PM**

## **COST**

\$25 (AWMA members) and \$35 (non-members) before September 10. Registration after September 10 will cost an additional \$10.

## **LOCATION**

FTCH Novi Office  
39500 Mackenzie Drive, Suite 100

## **REGISTRATION INSTRUCTIONS:**

[www.emawma.org](http://www.emawma.org)

## **WORKSHOP QUESTIONS:**

Jennifer Calnen  
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## **SPONSORED BY:**



## **SPEAKERS/PRESENTERS**

### **MS. MICHELLE ROGERS, MDEQ**

Michelle will discuss how to determine whether an engine needs a PTI and what information should be provided in a permit application. She will also provide an overview of what state and federal regulations could apply to your engine and highlight the available navigational tools that can help you determine which parts of the regulations apply. She will explain how permit staff develops the draft permit conditions. Michelle has worked on a number of engine PTIs and can answer any questions about the PTI program.

### **MS. LILLIAN WOOLLEY, Fishbeck, Thompson, Carr & Huber (FTCH)**

Lillian will further outline how permit and operating limits differ for an emergency engine when compared to a non-emergency engine. She will discuss what happens if you want to change categories (sometimes you cannot), and will review some real life examples and show how record keeping and reporting is likely different than what you did a few years ago.

### **MR. KEVIN O'CONNELL, Michigan CAT**

Kevin will explain the difference between a certified engine and non-certified engine, and where to find that information. He will also explain how engine emissions are ranked (a Tier 3 engine versus a Tier 4 engine) and how to find out information about an individual engine. Since an engine must be maintained and operated as required by the manufacturer to maintain its certification, Michigan CAT can explain what the owner/operator needs to do.