



South Coast  
Air Quality Management District  
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## COMPLIANCE ADVISORY NOTICE

### Important Notice to all Owners/Operators of RECLAIM Equipment Subject to the Carbon Monoxide Requirements of South Coast AQMD Rules 1146<sup>[1]</sup> and 1146.1<sup>[2]</sup>

**Owners or operators of RECLAIM sources subject to Rule 1146 and 1146.1 are required to measure CO emissions by source test and with portable analyzers**

RECLAIM boilers and heaters greater than 2 MMBtu/hr have and continue to be subject to the carbon monoxide (CO) requirements specified in South Coast Air Quality Management District (South Coast AQMD) **Rules 1146 and 1146.1**. CO measurement and monitoring are accomplished by source testing and diagnostic emission checks, also known as periodic monitoring, with portable analyzers following the Rules 1146 and 1146.1-specified South Coast AQMD protocol, "Protocol for the Periodic Monitoring of Nitrogen Oxides, Carbon Monoxide, and Oxygen from Units Subject to South Coast Air Quality Management District Rules 1146 and 1146.1" and now called "Combustion Gas Periodic Monitoring Protocol"<sup>[3]</sup> (Protocol). The South Coast AQMD has updated this Protocol and replaced the previous South Coast AQMD advisory dated August 26, 2014 with this current one to be more consistent with Rules **1146 and 1146.1**.

Staff has determined that continuous emissions monitoring systems (CEMS) with CO analyzers can be used in lieu of periodic monitoring requirements of Rules 1146 and 1146.1, and the source testing requirement for CO is satisfied by a relative accuracy test audit (RATA) that meets all the source testing protocol requirements.

Pursuant to the updated Protocol, a diagnostic emission check can be satisfied by one of the following existing requirements conducted during the same time period in which the emission check was required: (1) A source test following the Rule 1146 and 1146.1 specified testing protocol; or (2) a tune up conducted pursuant to Rule 2012 Protocol - Attachment D<sup>[4][5]</sup>.

For more information regarding diagnostic emission checks with portable analyzers and other compliance requirements for equipment covered by Rule 1146 or 1146.1, please contact **Michael Ramos at (909) 396-2351 or Mark VonDerAu at (909) 396-2182**. For general questions regarding Rule 1146 or 1146.1 requirements, please contact **Shawn Wang at (909) 396-3319**.

[1] Additional information for Rule 1146 can be found at <http://www.aqmd.gov/docs/default-source/rule-book/reg-xi/rule-1146.pdf?sfvrsn=4>

[2] Additional information for Rule 1146.1 can be found at <http://www.aqmd.gov/docs/default-source/rule-book/reg-xi/rule-1146-1.pdf?sfvrsn=4>

[3] Additional information for Combustion Gas: Periodic Monitoring Protocol can be found at <http://www.aqmd.gov/docs/default-source/aqmd-forms/Rule-by-Numbers/r1110-2-periodic-monitor-protocol.pdf?sfvrsn=2>

[4] Additional information for Rule 2012 Protocol – Attachment D can be found at <http://www.aqmd.gov/docs/default-source/rule-book/reg-xx/rule-2012-appendix-a/attachment-d.pdf?sfvrsn=4>

[5] Tune ups conducted in accordance to Rule 2012 Protocol - Attachment D with diagnostic check in accordance with Combustion Gas Periodic Monitoring Protocol demonstrating compliance with emissions requirements of Rule 1146 and 1146.1 before and after tune up process shall not count as adjustment of the oxygen sensor set points