

Question 3.35

Topic: Flow-to-load Ratio Test -- Multiple Stacks

Question: How do I report the reference flow-to-load ratio or gross heat rate (GHR) for a unit with a multiple stack (or duct) exhaust configuration?

Answer: Submit a separate <FlowToLoadReferenceData> record for each monitoring system installed on each of the multiple stacks (or ducts). Report the reference flow-to-load ratio or GHR value in the <ReferenceFlowToLoad> or <ReferenceGrossHeatRate> field of the <FlowToLoadReferenceData> record (as applicable).

A reference flow-to-load ratio may either be determined separately for each stack (i.e., using the ratio of the flow through the stack to the unit load), or a single reference ratio may be determined on a combined basis (i.e., using the ratio of the combined flow through all stacks to the unit load).

Note that when the flow-to-load ratio is determined on a combined basis, the reference ratio or GHR value will be *the same* in each <FlowToLoadReferenceData> record. For further guidance, see the latest version of the ECMPS Quality Assurance and Certification Reporting Instructions, Section 2.5.

References: Appendix A, Section 7.7; ECMPS Quality Assurance and Certification Reporting Instructions, Section 2.5

History: First published in December 2000, Update #13; revised in October 2003 Revised Manual; revised in 2013 Manual