

Performance Test Plan Review Checklist

A.	General Information	Yes/No	Comments	Location in Report (Page No., Sec. No., Att. No.)
1	Test Plan received at least 14 calendar days prior to proposed test start date (at least 30-days prior to test for New Source Performance Standard (NSPS) emission sources; at least 60-days prior to test for National Emissions Standards for Hazardous Air Pollutants (NESHAP) emission sources)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
2	Certification of Truth, Accuracy, and Completeness Statement signed by Responsible Official (RO) for Permit	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
3	Physical address of the source equipment to be tested if different than company mailing address	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
4	Directions/map if no physical address	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
5	Analytical Laboratory Firm's Name and contact person information including name, phone number, E-mail, and mailing address	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
6	Identification of ADEQ Air Quality Permit No. (or ATO No. for asphalt plants under General Permit) covering equipment to be tested	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
7	Identification of portions of the ADEQ permit relevant to test (emission standards, test methods, other test requirements) planned to be met or demonstrated by test	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
B.	Performance Test Information:			
1	Identification of all air emissions to be sampled and corresponding test methods	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
2	A narrative for each EPA Reference Test Method (including conditional test methods & ASTM test methods) that discusses the sampling and analytical procedures that will be followed	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
3	Proposed test date(s)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
4	Test schedule per test day with estimated start and end times of each test	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
5	Provided a statement that there will be no changes to EPA Reference Test Methods, Performance Specification procedures, associated ASTM test methods or EPA Guidance; <u>or</u> a Statement describing, in detail, any proposed minor changes or deviations in the methodology; or the use of an alternate or equivalent approved EPA Test Method, Performance Spec., or ASTM method, along with an explanation with justification for other method(s) or procedure(s) proposed to be substituted, omitted or utilized.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
	Note:			

	Information on any changes must be sufficient for ADEQ to identify whether any change from any EPA Test Method qualifies as a “ <i>minor change to test method</i> ” (which may be approvable by ADEQ) and not either a “ <i>major change to test method</i> ” or an “ <i>intermediate change to test method</i> ” (which are not authorized or approvable). See 40 CFR 63.90 (a) for definitions and examples.			
6	<p><u>For CEMS RATAs only:</u></p> <p>Listed all modifications, changes, or replacements made to any CEMS system since the last previous RATA; or any major maintenance items replaced, corrected, adjusted, or repaired that may have changed the CEMS accuracy or efficiency, or eliminated pre-existing sources of interference.</p> <p>If applicable, provided the date(s) and the reason(s) for conducting any Field Audit Performance Tests, including any Calibration Drift (CD) tests on the applicable CEMS (New or Replacement).</p> <p>Note:</p> <p>An initial 7-day CD test is required for any new or reinstalled CEMS per 40 CFR 60, Appendix B, Performance Specifications (PS) PS-2, PS-3, PS-4, PS-4A, PS-4B, PS-6, PS-8, PS-8A, PS-11, and PS-12A.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
7	<p><u>For all tests subject to EPA’s Stationary Source Audit Sample (SSAS) Program:</u></p> <p>The Test Plan included: (1) A Statement of SSAS applicability; (2) Specifies which SSAS audit gases will be utilized; (3) Specifies the NELAC accredited lab that will be utilized; and (4) Historic process or emissions information sufficient for ADEQ to review and approve the types and concentrations of the audit gases proposed to be used (e.g. – the gas ppm result from the most recent stack sampling).</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
C. Emission Point Information:				
1	A drawing/schematic/flow chart/diagram with the exhaust gas flow direction from the process(s), through the control equipment, and to the emission point(s)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
2	A diagram or description of each inlet and outlet duct and stack (square, rectangular, or circular) indicating the sampling locations (include sample port identifications e.g., A, B, C, etc.) with the distances downstream and upstream from flow disturbances per EPA Method 1. Include duct sample/traverse point locations and test port diameter and length	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
3	Expected/estimated stack and/or inlet duct gas conditions at the sampling locations, which may include, as a minimum, temperature, moisture content, and volumetric flow rate	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
D. Control Equipment Information:				
1	The emissions control equipment and operating parameter data that will be documented during each	<input type="checkbox"/> Yes <input type="checkbox"/> No		

	test run as per the Arizona Testing Manual (Exhibit 1.2-2) to ensure representative operation and the responsible party for recording the data	<input type="checkbox"/> N/A		
2	The frequency of emissions control equipment parameter monitoring data to be recorded (usually every 30 minutes, beginning, middle, and end of each test run)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
3	A description of any particulate matter (PM) and/or gas conditioning equipment prior to the control device(s)/equipment (e.g., cyclone(s), settling chambers, knock-out boxes, demisters, wet or dry scrubbers, carbon filters, etc.). If there is no PM and/or gas conditioning equipment, then state no PM and/or gas conditioning equipment prior to the control device(s)/equipment	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
4	For each <u>emissions control device</u> , provide information summarizing the normal maintenance schedule, and copies of information documenting the dates and results of any <u>non-routine</u> maintenance, adjustments, additions, modifications, and/or repairs or replacements within the most recent 1 year period, or since the most recent performance test.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
5	Information on the minimum (or maximum) acceptable values of the operating parameters of each emissions control device, such as flow rates, pressure drops, pH, temperature, primary current, primary voltage.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
E. Process Equipment Information:				
1	<u>For all Emissions Sources:</u> Type and quantity (production/process rates) of raw and finished materials and fuels used in the process(es).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
2	Maximum design capacity, and anticipated production capacity of the emissions source(s) during the test(s) (e.g., Tons/hr., kW, MW, %Load, raw material feed rate, fuel feed rate).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		

Please NOTE:

- ADEQ may require additional information for test protocols in certain situations.
- If the facility chooses to proceed with emissions/RATA testing **prior to ADEQ approving the test protocol**, ADEQ may determine the test is invalid if incomplete or incorrect procedures and/or conditions were used.
- In the event of a failed test, please contact **David Demchik (602-771-8544 or demchik.david@azdeq.gov)**. Notification is appreciated as soon as practicable.