SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT **MEMORANDUM**

DATE		S/T ID:					
DATE:		- Received:					
TO:	Tommy Mai						
FROM:	(manager or agacs)	Assigned: Assigned To:					
		Completed:					
SUBJECT:	Review Request (Included are FORMS ST-1 & ST-2 ¹)	(STE Use Only)					
DOCUMENT	ATTACHED FOR EVALUATION:						
Test Protoco	ol Other:						
Test Report	:: (Test Protocol already approved – memo attached Test	Protocol NOT approved by STE)					
Pursuant to the Pub unless the compan	ADDITIONAL DOCUMENTATION (REQUIRED AS blic Records Act, part or all of the above document attached for eva by claims that the information contained within is "proprietary", " luded when this document was submitted to you it must be include	aluation may be subject to public disclosure confidential", or a "trade secret". If such a					
Document cont	taining a "Statement of Confidentiality" or similar statement, is in	ncluded with this request for evaluation.					
No "Statement facility or owner/o	t of Confidentiality" or similar document was included when the perator.	nis document was submitted to me by the					
SIGNED:	TITI	JE:					
review and prov	documents are submitted for your evaluation. We wo vide comments or approval by the indicated date. Tha RESPONSE DATE:						
ſ		XPEDITED					
L		UST have Form 222-XST signed & attached)					
COMPANY N	JAME.	FAC.ID:					
		FAC.ID:					
EQUIP. ADD	KESS:						
BASIC EC							
EQU							
	RECLAIM USE ONLY: (NOX: MAJLGE F	PRC SOX: MAJLLGE)					
TESTING	NG LAB: TEST DATE (for reports):						
COMME	OMMENTS ² :						
COMME							

¹ Forms ST-1 and ST-2 must be completed and attached to this request, or your submittal will be returned. ² Explain reason for Priority Review, time constraints, Hearing Board action, clarify testing requirements, etc. ^{12e&c_evaluation} request_r1.docx (Revised 02/14/25)

FORM ST-1

MONITORING & ANALYSIS DIVISION

CHECKLIST FOR REQUEST TO REVIEW: SOURCE TEST PROTOCOL, REPORT, OR SPECIAL PROJECT

This *Checklist* (*FORM ST-1*) must accompany any request to evaluate a source test protocol, report, or special project. It may be completed by the requesting AQMD Engineer or Inspector, or a representative of the Source Testing Firm/Laboratory/Contractor. Verify, by checking each item below, that all the requested information has been provided with the attached source test protocol, report, or special project. (An incomplete submittal will be returned, and will ultimately delay the evaluation process):

All Source Test Protocols and Reports Must Include:

- Completed Review Request Memorandum. (A request for a "*Priority Review*" involves Hearing Board, Abatement Order, or similar critical action, and must be authorized by a manager).
- Statement of Confidentiality of Test Information, or similar statement, provided by company (if included).
- Information Request *FORM ST-2* with those applicable parts filled out completely.
- Reason for test, including proposed operating test loads, reference to applicable rules/permit conditions, and key facility, test firm and AQMD personnel.
- <u>Complete</u> Permit to Construct or Permit to Operate, including all conditions.
- Brief process description, including maximum and normal operating temperatures, pressures, through-put, etc.
- Brief description of sampling and analytical methods for each constituent to be measured. If a standard District, EPA, or ARB method "without any deviation" will be used, reference it by method number.
- Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, along with upstream and downstream distances to flow disturbances, (e.g. elbows, tees, fans) from the sampling locations.
- Calibration and quality assurance (QA) procedures identified.
- Statement that source test firm/laboratory qualifies as an *"independent testing laboratory"* under Rule 304 (no conflict of interest), and is approved by AQMD or ARB, if required.
- Attached test firm AQMD-LAP or CARB approval, if required.

All Source Test Reports Must Also Include:

- Field raw data sheets and laboratory data forms, where applicable.
- Gas monitoring stripcharts and/or DAS printouts, legible and properly annotated, where applicable.
- Complete calculations for volumetric flowrates and emissions rates, where applicable.
 - Complete QA supporting documentation (sampling equipment, cal gases, lab analyses, custodies).
- (<u>CEMS & Fuel Meters</u>): Full identification/documentation for CEMS components and fuel meters (analyzer/fuel meter make, model, s/n, range, calibrations, etc.).
- (*<u>RECLAIM/Large Source</u>*): "Certificate of No Exceptions for testing RECLAIM Large Sources" completed and signed.

Applicable Source Specific Protocols / Reports Must Also Include:

- (*VOC Efficiency*): VOC overall efficiency (capture/collection plus control efficiencies), or transfer efficiency describes all sample collection points, verifies total collection, and shows all calculations and documentation, according to specified requirements.
- (Organics Loading): Organic (VOC) liquid loading testing describes all sample collection/monitoring points (both liquid and vapor), verifies representative start/stop time, and shows all calculations and documentation, according to specified requirements.
- (*Particulates/sulfur*): Particulate testing of effluent gas streams with high amounts of sulfur compounds addresses additional test preparation, equipment, calculations, and documentation.

MONITORING & ANALYSIS DIVISION

INFORMATION REQUEST FOR PROTOCOL, REPORT, OR SPECIAL PROJECT REVIEW

This *Information Request* (*FORM ST-2*) must accompany any request to evaluate a source test protocol, report, or special project, and it can *only* be completed by the requesting AQMD Engineer or Inspector. Please mark the appropriate items and provide the requested information. The sampling and analytical methods will be reviewed *only* for those constituents identified on this form, so be sure to provide as much information as possible.

Constituent(s) to be measured	Allowable Limit(s) ^{1.}		Rule or Permit	Sampling Location(s)	Other Requirements
	Concentration (specify ppm as CH_4 , @ 3% O_2 , etc.)	Mass Emission (specify lb/hr, etc.)	Condition(s)	(SCR inlet, outlet, exhaust, etc.)	(test parameters, BACT, Rule Development, etc.)
СО	Compliance Only Mass Emissions or Factors				
\Box CO ₂	Compliance Only Mass Emissions or Factors				
02	Compliance Only Mass Emissions or Factors				
\square NOx, as NO ₂	Compliance Only Mass Emissions or Factors				
SOx, as SO ₂	Compliance Only Mass Emissions or Factors				
H ₂ S	Compliance Only Mass Emissions or Factors				
Total Reduced Sulfur, as H ₂ S	Compliance Only Mass Emissions or Factors				
NH ₃	Compliance Only Mass Emissions or Factors				
Aldehydes	Compliance Only Mass Emissions or Factors				

1. Concentration must include correction to standard point-of-reference (NOx @ 3%O₂, ROG as CH₄, etc.). If there is no "Mass Emission" compliance limit specified, please specify if concentration will be used only for compliance determination or whether it will also be calculated to a mass emission or factor (this will affect how we interpret the reported concentrations).

MONITORING & ANALYSIS DIVISION

INFORMATION REQUEST FOR SOURCE TEST PROTOCOL, REPORT, OR SPECIAL PROJECT REVIEW

Constituent(s) to be measured	Allowable Limit(s) ^{1.}		Rule or Permit	Sampling Location(s)	Other Requirements	
	Concentration (specify ppm as CH ₄ , @ 3% O ₂ , etc.)		Mass Emission (specify lb/hr, etc.)	Condition(s)	(SCR inlet, outlet, exhaust, etc.)	(test parameters, BACT, Rule Development, etc.)
UOC, Conc & Mass		ompliance Only lass Emissions r Factors				
 VOC, Efficiency (check all that apply): □Transfer □Capture/Collect □Control/Destruct □Overall 						
Speciated Organics (specify):		ompliance Only lass Emissions r Factors				
PM (total)		ompliance Only lass Emissions r Factors				
□ PM ₁₀		ompliance Only lass Emissions r Factors				
Cr ⁶⁺ , Metals		ompliance Only lass Emissions or Factors				
Toxics (specify):		ompliance Only lass Emissions r Factors				

1. Concentration must include correction to standard point-of-reference (NOx @ 3%O₂, ROG as CH₄, etc.). If there is no "Mass Emission" compliance limit specified, please specify if concentration will be used only for compliance determination or whether it will also be calculated to a mass emission or factor (this will affect how we interpret the reported concentrations).