Adipic Acid Production Protocol
Version 1.0
ERRATA AND CLARIFICATIONS

The Climate Action Reserve (Reserve) published its Adipic Acid Production Protocol Version 1.0 in September 2020. While the Reserve intends for the Adipic Acid Production Protocol V1.0 to be a complete, transparent document, it recognizes that correction of errors and clarifications will be necessary as the protocol is implemented and issues are identified. This document is an official record of all errata and clarifications applicable to the Adipic Acid Production Protocol V1.0.[1]

Per the Reserve Offset Program Manual, both errata and clarifications are considered effective on the date they are first posted on the Reserve website. The effective date of each erratum or clarification is clearly designated below. All listed and registered adipic acid production projects must incorporate and adhere to these errata and clarifications when they undergo verification. The Reserve will incorporate both errata and clarifications into future versions of the protocol.

All project developers and verification bodies must refer to this document to ensure that the most current guidance is adhered to in project design and verification. Verification bodies shall refer to this document immediately prior to uploading any Verification Statement to assure all issues are properly addressed and incorporated into verification activities.

If you have any questions about the updates or clarifications in this document, please contact the Reserve at policy@climateactionreserve.org or (213) 891-1444 x3.

[1] See Section 4.3.4 of the Reserve Offset Program Manual for an explanation of the Reserve's policies on protocol errata and clarifications. "Errata" are issued to correct typographical errors. "Clarifications" are issued to ensure consistent interpretation and application of the protocol. For document management and program implementation purposes, both errata and clarifications are contained in this single document.

Errata and Clarifications (arranged by protocol section)

Section 6

Section 6

1. Daily Flow Interference Check Requirement (CLARIFICATION – July 27, 2021)

Section: 6.2.1 Frequency of Testing

Context: Table 6.1 in Section 6.2.1 lists the required tests to be conducted relevant to N_2O analysis using CEMS. A flow interference check of the flow meter is specified as a requirement under daily assessments. This requirement (designed as a QA/QC procedure for power plants under 40 CFR Part 75) is neither appropriate nor necessary for adipic acid plants. The semi-annual/annual RATA requirement will ensure the flow meter is properly calibrated.

Clarification: A daily flow interference check on the CEMS flow meter is not required under the protocol. Based on this update, Table 6.1 shall now read:

Test	Frequency		
	Daily	Quarterly	Semiannual or Annual
Calibration Error Test (N_2O, flow)	X		
Flow-to-Load Ratio (only applicable if the adipic acid plant produces electrical or thermal output)		X	
Leak Check (DP flow monitors)		X	
Linearity Check		X	
RATA (N_2O, flow)			X

2. Quarterly Flow-to-Load Ratio/Gross Heat Rate Evaluation Test Requirement (CLARIFICATION – July 27, 2021)

Section: 6.2.1 Frequency of Testing

Context: Table 6.1 in Section 6.2.1 lists the required tests to be conducted relevant to N_2O analysis using CEMS. A flow-to-load ratio or gross heat rate evaluation is specified as a requirement under quarterly assessments. Upon closer examination of 40 CFR Part 75 (Appendix A, 7.8), it clarifies that units that do not produce electrical output (in megawatts) or thermal output (in klb of steam per hour) are exempt from the flow-to-load ratio test requirements of section 2.2.5 of Appendix B.

Clarification: If the adipic acid plant where the project is located does not produce electrical or thermal output, then the project does not need to perform a quarterly flow-to-load ratio test. Based on this update, Table 6.1 shall now read:

Test	Frequency		
	Daily	Quarterly	Semiannual or Annual
Calibration Error Test (N_2O, flow)	X		

Test	Frequency		
	Daily	Quarterly	Semiannual or Annual
Flow-to-Load Ratio (only applicable if the adipic acid plant produces electrical or thermal output)		X	
Leak Check (DP flow monitors)		X	
Linearity Check		X	
RATA (N_2O, flow)			X