



ECMPS Client Tool

Version 1.* 2021 Q4

Emissions Evaluation Report

January 14, 2022 02:37 PM

Facility Name: Barry

Facility Details

Facility ID (ORISPL): 3
Monitoring Plan Location IDs: 4
State: AL
County: Mobile County
Year/Quarter: 2021 Q3
Total Hours: 2208

Evaluation Results

General Errors

| Severity | Check Code / Result | Result Message |
|----------|------------------------------|---|
| INFORM | HOURGEN-13-B | The emissions quarterly report cannot be resubmitted until you contact the EPA for permission. After the EPA grants permission, you will need to log in to the EPA host system to retrieve the permission record. You will then need to reevaluate this file prior to submitting. |
| | HOURGEN-14-A | You reported one or more daily calibration tests that will not fulfill your daily calibration testing requirement, because these tests were performed while the unit was not operating and you have not reported a prior online-offline calibration demonstration. These tests have been assigned a CalculatedTestResult of "IGNORED", and they can be viewed on the Daily Calibration tab of the View Detailed Emissions Screen. If you intend to use offline tests to fulfill your daily calibration testing requirement, you must conduct an online-offline calibration demonstration. |

Test Data Errors

| Unit/Stack/ Pipe | Test Type | Test Date/Hour | Sys / Comp ID | Sys / Comp Type / Scale | Severity | Check Code | Result Message |
|---------------------|-----------|------------------|------------------|----------------------------|----------|-----------------------------|--|
| 4 | DAYCAL | 07/01/2021 06:39 | | / | FATAL | DAYCAL-1-A | You did not provide ComponentID, which is required for Location 4, Component and Type at 07/01/2021 6:39:00 AM. |
| | | 07/01/2021 06:50 | CO2 | CO2/H | INFORM | DAYCAL-2-A | The TestResultCode indicates that the daily calibration test for Location 4, Component CO2 and Type CO2 at 07/01/2021 6:50:00 AM was aborted. If the test was aborted for a reason not related to monitor performance, you should not report the test. |
| | | | NOX | NOX/H | CRIT1 | DAYCAL-3-A | You did not provide OnlineOfflineIndicator, which is required for Location 4, Component NOX and Type NOX at 07/01/2021 6:50:00 AM. |
| | | | SO2 | SO2/ | CRIT1 | DAYCAL-4-A | You did not provide SpanScaleCode, which is required for Location 4, Component SO2 and Type SO2 at 07/01/2021 6:50:00 AM. |
| | | | | | INFORM | DAYCAL-20-A | The software could not evaluate the zero-level injection calculations reported for Location 4, Component SO2 and Type SO2 at 07/01/2021 6:50:00 AM, because of the errors listed above. |

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|---------------------|-----------|------------------|------------------|----------------------------|----------|-----------------------------|--|
| 4 | DAYCAL | 07/01/2021 06:50 | SO2 | SO2/ | INFORM | DAYCAL-21-A | The software could not evaluate the upscale injection calculations reported for Location 4, Component SO2 and Type SO2 at 07/01/2021 6:50:00 AM, because of the errors listed above. |
| | | 07/02/2021 06:39 | FLO | FLOW/ | CRIT1 | DAYCAL-6-C | You have reported a value of "MID" as the UpscaleGasCode. This value is not appropriate for flow components. |
| | | | | | INFORM | DAYCAL-21-A | The software could not evaluate the upscale injection calculations reported for Location 4, Component FLO and Type FLOW at 07/02/2021 6:39:00 AM, because of the errors listed above. |
| | | 07/02/2021 06:50 | CO2 | CO2/H | CRIT1 | DAYCAL-7-A | The reference value is not consistent with the reported calibration gas levels in the daily calibration test for Location 4, Component CO2 and Type CO2 at 07/02/2021 6:50:00 AM. The reference values of zero-level gas injection or reference signals must be less than that of the upscale gas injection. |
| | | | | | | DAYCAL-23-E | The absolute difference reported as the Zero Calibration Error for Location 4, Component CO2 and Type CO2 at 07/02/2021 6:50:00 AM is inconsistent with the recalculated absolute difference for the gas injection or reference signal. |
| | | | | | CRIT2 | DAYCAL-18-A | The tag value of at least one Zero level reference signal or calibration gas for Location 4, Component CO2 and Type CO2 at 07/02/2021 6:50:00 AM is 56.5%, which does not meet the performance specifications of 40 CFR Part 75. The concentration of the zero reference signal or calibration gas must be less than or equal to 20.0% of the span value. The test is invalid. |
| | | | NOX | NOX/H | CRIT1 | DAYCAL-8-A | You did not provide ZeroMeasuredValue, which is required for Location 4, Component NOX and Type NOX at 07/02/2021 6:50:00 AM. |
| | | | | | INFORM | DAYCAL-20-A | The software could not evaluate the zero-level injection calculations reported for Location 4, Component NOX and Type NOX at 07/02/2021 6:50:00 AM, because of the errors listed above. |
| | | | SO2 | SO2/H | CRIT1 | DAYCAL-9-B | The value -1.000 in the field ZeroReferenceValue for Location 4, Component SO2 and Type SO2 at 07/02/2021 6:50:00 AM is not within the range of valid values. This value must be greater than or equal to zero. |
| | | | | | INFORM | DAYCAL-20-A | The software could not evaluate the zero-level injection calculations reported for Location 4, Component SO2 and Type SO2 at 07/02/2021 6:50:00 AM, because of the errors listed above. |
| | | 07/02/2021 08:01 | CO2 | CO2/H | CRIT1 | DAYCAL-10-A | You did not provide ZeroCalibrationError, which is required for Location 4, Component CO2 and Type CO2 at 07/02/2021 8:01:00 AM. |
| | | | NOX | NOX/H | CRIT1 | DAYCAL-11-A | You did not provide ZeroAPSIndicator, which is required for Location 4, Component NOX and Type NOX at 07/02/2021 8:01:00 AM. |
| | | | SO2 | SO2/H | CRIT1 | DAYCAL-12-A | You did not provide UpscaleMeasuredValue, which is required for Location 4, Component SO2 and Type SO2 at 07/02/2021 8:01:00 AM. |

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| Unit/Stack/ Pipe | Test Type | Test Date/Hour | Sys / Comp ID | Sys / Comp Type / Scale | Severity | Check Code | Result Message |
|---------------------|-----------|------------------|------------------|----------------------------|----------|-----------------------------|--|
| 4 | DAYCAL | 07/02/2021 08:01 | SO2 | SO2/H | INFORM | DAYCAL-21-A | The software could not evaluate the upscale injection calculations reported for Location 4, Component SO2 and Type SO2 at 07/02/2021 8:01:00 AM, because of the errors listed above. |
| | | 07/03/2021 06:39 | FLO | FLOW/ | CRIT1 | DAYCAL-13-A | You did not provide UpscaleReferenceValue, which is required for Location 4, Component FLO and Type FLOW at 07/03/2021 6:39:00 AM. |
| | | | | | INFORM | DAYCAL-21-A | The software could not evaluate the upscale injection calculations reported for Location 4, Component FLO and Type FLOW at 07/03/2021 6:39:00 AM, because of the errors listed above. |
| | | 07/03/2021 06:50 | CO2 | CO2/H | CRIT1 | DAYCAL-14-B | The value -1.00 in the field UpscaleCalibrationError for Location 4, Component CO2 and Type CO2 at 07/03/2021 6:50:00 AM is not within the range of valid values. This value must be greater than or equal to zero. |
| | | | NOX | NOX/H | CRIT1 | DAYCAL-15-A | You did not provide UpscaleAPSIndicator, which is required for Location 4, Component NOX and Type NOX at 07/03/2021 6:50:00 AM. |
| | | | SO2 | SO2/H | CRIT1 | DAYCAL-16-A | The upscale injection date, hour, and/or minute for Location 4, Component SO2 and Type SO2 at 07/03/2021 6:50:00 AM is invalid. |
| | | 07/04/2021 06:39 | FLO | FLOW/ | CRIT1 | DAYCAL-17-A | The zero injection date, hour, and/or minute for Location 4, Component FLO and Type FLOW at 07/04/2021 6:39:00 AM is invalid. |
| | | 07/04/2021 06:50 | CO2 | CO2/H | CRIT1 | DAYCAL-24-E | The absolute difference reported as the Upscale Calibration Error for Location 4, Component CO2 and Type CO2 at 07/04/2021 6:50:00 AM is inconsistent with the recalculated absolute difference for the gas injection or reference signal. |
| | | | | | | DAYCAL-25-C | The TestResultCode for Location 4, Component CO2 and Type CO2 at 07/04/2021 6:50:00 AM indicates a passing test, but the recalculated results indicate a failing test. |
| | | | | | CRIT2 | DAYCAL-19-A | The tag value of at least one Mid level reference signal or calibration gas for Location 4, Component CO2 and Type CO2 at 07/04/2021 6:50:00 AM is 5.0%, which does not meet the applicable performance specifications. The concentration of the mid reference signal or calibration gas must be between 50.0% and 60.0% of the span value. The test is invalid. |
| | | | NOX | NOX/H | CRIT1 | DAYCAL-22-A | You reported a test Date, Hour, and Minute that is not the same as the Date, Hour, and Minute of the last injection in the daily calibration test for Location 4, Component NOX and Type NOX at 07/04/2021 6:50:00 AM. |
| | | | SO2 | SO2/H | CRIT1 | DAYCAL-27-A | You did not provide CylinderIdentifier, which is required for Location 4, Component SO2 and Type SO2 at 07/04/2021 6:50:00 AM. |
| | | 07/04/2021 19:39 | CO2 | CO2/H | CRIT1 | DAYCAL-28-A | You did not provide VendorIdentifier, which is required for Location 4, Component CO2 and Type CO2 at 07/04/2021 7:39:00 PM. |
| | | | NOX | NOX/H | CRIT2 | DAYCAL-29-C | You reported an ExpirationDate for the cylinder that is prior to the date of the test for Location 4, Component NOX and Type NOX at 07/04/2021 7:39:00 PM. |

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|---------------------|-----------|------------------|------------------|----------------------------|----------|-----------------------------|---|
| 4 | DAYCAL | 07/04/2021 19:39 | SO2 | SO2/H | CRIT1 | DAYCAL-30-F | You reported an UpscaleGasTypeCode that is not appropriate for a SO2 component for Location 4, Component SO2 and Type SO2 at 07/04/2021 7:39:00 PM. |

QA Status Errors

| Unit/Stack/ Pipe | Category Description | Severity | Check Result | Result Message | Begin Date / Hour | End Date / Hour | Consecutive Hours |
|---------------------|---|----------|---|---|-------------------|-----------------|----------------------|
| 4 | CO2 Daily Calibration Status Evaluation | CRIT1 | OOC-Test Failed | The prior daily calibration test for Component ID CO2, Span Scale H completed on 07-04-2021 at 06:50 failed. | 07/04/2021 11 | 07/04/2021 18 | 8 |
| | | | OOC-Test Has Critical Errors | The prior daily calibration test for Component ID CO2, Span Scale H completed on 07-04-2021 at 19:39 has critical errors. | 07/04/2021 19 | 07/05/2021 06 | 12 |
| | FLOW Daily Calibration Status Evaluation | CRIT1 | OOC-Test Has Critical Errors | The prior daily calibration test for Component ID FLO completed on 07-04-2021 at 06:39 has critical errors. | 07/04/2021 11 | 07/04/2021 18 | 8 |
| | NOX Daily Calibration Status Evaluation | CRIT1 | OOC-Test Has Critical Errors | The prior daily calibration test for Component ID NOX, Span Scale H completed on 07-04-2021 at 06:50 has critical errors. | 07/04/2021 11 | 07/04/2021 18 | 8 |
| | | | OOC-Test Has Critical Errors* | The prior daily calibration test for Component ID NOX, Span Scale H completed on 07-04-2021 at 06:50 has critical errors. An invalid daily calibration test completed on 07-04-2021 at 19:39 was ignored. | 07/04/2021 19 | 07/05/2021 06 | 12 |