QA Status Evaluation
Flow-to-load Check

Is MHV Parameter equal to "FLOW"; is system and MODC valid; and does MODC indicate the use of measured data? — Yes → **Locate most recent flow-to-load check for the system prior to the current quarter with a test result equal to "PASSED" or "FAILED"**

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Found?

No → **Is system located on a non-load-based unit or stack?**

Is system located on a non-load-based unit or stack?
- Yes → **Does the system have a flow-to-load check exemption for the reporting quarter immediately prior to the current quarter?**
  - Yes → **IC-Exempt**
  - No → **Locate a valid RATA for the system prior to the current quarter**
- No (left branch from the diamond) Yes → (IC-Exempt)

Does the system have a flow-to-load check exemption for the reporting quarter immediately prior to the current quarter?
- Yes → IC-Exempt
- No → **Locate a valid RATA for the system prior to the current quarter**

Locate a valid RATA for the system prior to the current quarter

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Found?
- No → **IC-No Prior RATA**
- Yes → **Locate a flow-to-load check for the system with a test result equal to "EXC168H" or "FEW168H" for each QA operating reporting quarter from the later of the RATA quarter or earliest location report date until quarter prior to the current quarter**

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Found for all QA operating reporting quarters?
- Yes → **IC**
- No → **Is this a RB monitor ?**

Found? (top right) — Yes → **Did the check occur in the reporting quarter immediately prior to the current quarter?**
- No → **Locate a flow-to-load check for the system with test result equal to "EXC168H" or "FEW168H" for each QA operating reporting quarter after the quarter of the passing or failing flow-to-load check and prior to the current quarter**
- Yes → **Page 2**

Locate a flow-to-load check for the system with test result equal to "EXC168H" or "FEW168H" for each QA operating reporting quarter after the quarter of the passing or failing flow-to-load check and prior to the current quarter

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Found for all QA operating reporting quarters?
- Yes → **Page 2**
- No → **Is this a RB monitor ?**

Is this a RB monitor ?
- Yes → **Undetermined – No Prior Check reported for Redundant Backup Monitor**
- No → **OOC – Prior Check Missing**

QA Status Evaluation
Flow-to-load Check

Page 2

Did the last completed flow-to-load check pass?

- Yes → IC
- No → **Locate a valid RATA for the system that occurred after the quarter of the failed check and prior to the current hour**

Found?

- Yes → IC – Subsequent RATA Performed
- No → **Locate the most recent event for the system with an event code equal to "312" that occurred on or after the last day of the quarter of the failed check and on or prior to the current hour**

Was event found and was an abbreviated flow-to-load test completed on or prior to the current hour?

- Yes → IC – Subsequent Abbreviated Flow-to-load Check Passed
- No → **Was event found and was conditional data begin date on or prior to the current hour?**

Was event found and was conditional data begin date on or prior to the current hour?

- Yes → **Was RATA a required test?**
- No → **Is there an invalid prior RATA on or after the failed check?**

Was RATA a required test?

- Yes → Set Conditional Data Period to 720 Op hours
- No → **Was a abbreviated flow to load check a required test?**

Was a abbreviated flow to load check a required test?

- No → OOC – Invalid Cert Event
- Yes → Set Conditional Data Period to 168 Op Hours

Is there an invalid prior RATA on or after the failed check?

- Yes → OOC – Check Failed - Invaild RATA Ignored
- No → OOC – Check Failed

Set Conditional Data Period to 720 Op hours → **Locate the earliest valid RATA that occurred after the current hour**

Was the RATA found and did it fail?

- Yes → **Is there a subsequent invaild RATA that occurred before the failed RATA?**
- No → **Is the current hour after the end of the conditional data period?**

Set Conditional Data Period to 168 Op Hours → No → **Is the current hour after the end of the conditional data period?**

Is the current hour after the end of the conditional data period?

- No → IC - Conditional
- Yes → **Is there an invalid prior RATA on or after the conditional data begin date?**

Is there a subsequent invaild RATA that occurred before the failed RATA?

- No → OOC – Recertification RATA Failed
- Yes → OOC – Recertification RATA Failed – Invalid RATA Ignored

Is there an invalid prior RATA on or after the conditional data begin date?

- Yes → OOC – Conditional Period Expired – Invalid RATA Ignored
- No → OOC – Conditional Period Expired