



Diesel Engine Compliance Center

Helpful Hints for submission of PLT
Information

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October 2023



Marine CI Production Line Testing

- Once 1042.310 has been satisfied for a family for one model year, see 1042.301(e) to decide if any further PLT's are required in a carryover year.
- *Alternate Testing Plans under 1042.301(d):* "You may ask to use another alternate program or measurement method for testing production-line engines. In your request, you must show us that the alternate program gives equal assurance that your engines meet the requirements of this part. We may waive some or all of this subpart's requirements if we approve your alternate program."
 - This provision gives EPA broad discretion to solve problems. If a specific concern arises with an adopted PLT requirement, please contact your designated certification representative.



40CFR 1042.145(h) and 1042.301(d)

- 1042.145(h): ***Expanded production-line testing.*** Production-line testing requirements for Category 1 engine families with a projected U.S.-directed production volume below 100 engines and for all families certified by small-volume engine manufacturers start to apply in model year 2024. All manufacturers must test no more than four engine families in a single model year, and small-volume engine manufacturers must test no more than two engine families in a single model year.



40CFR 1042.145(h) and 1042.301(d)

- 1042.301(d) You may ask to use another alternate program or measurement method for testing production-line engines. In your request, you must show us that the alternate program gives equal assurance that your engines meet the requirements of this part. We may waive some or all of this subpart's requirements if we approve your alternate program.
- *1042.301(d) gives us broad discretion to solve problems. If a specific concern arises with a PLT requirement, please contact us to discuss*



Marine CI Production Line Testing

See 1042.145(h) for instructions on transition to new PLT program:

- *Expanded production-line testing.* “Production-line testing requirements for Category 1 engine families with a projected U.S.-directed production volume below 100 engines and for all families certified by small-volume engine manufacturers start to apply in model year 2024. All manufacturers must test no more than four engine families in a single model year, and small-volume engine manufacturers must test no more than two engine families in a single model year.”
- This means if a small-vol mfr has 6 catch-up families, they must test 2 per year starting in 2024, and they may test more than 2 per year and they may start sooner. If a large mfr has 6 catch-up families, they must test 4 in 2024 and they may test more than that and they may start sooner.



Marine CI Production Line Testing

The previous template has been updated. The current version of the template is dated 2023-10-19 and found here: <https://www.epa.gov/ve-certification/production-line-testing-plt-templates-marine-compression-ignition-ci-engines>

- We recommend you delete old versions of the template and only use this recently updated version
- Please read the new set of instructions included with the new template. It presents significant changes
- Minimum sample size is 1 per family (+ more if fail or for cause)
- For Category 1 & 2 families, production volume data are not required (report US-directed volumes to EPA using the EVCIS PV Module).
 - Category 3 families must still report production volume in PLT reports