



## Ohio Administrative Code Rule 1501:10-2-24 Diesel mechanic training.

Effective: June 27, 2024

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- (A) Diesel mechanic training and qualification are subject to the provisions of this rule.
- (B) Diesel mechanics are to be trained and qualified to perform maintenance, repairs and testing of the features of the diesel-powered equipment used at the mine or mines where he or she is employed, as certified by MSHA and approved by the chief pursuant to rule 1501:10-2-04 of the Administrative Code.
- (C) Qualification. To be qualified to work on the specific diesel-powered equipment used at the mine or mines where he or she is employed, a diesel mechanic is to first successfully complete an eight-hour training course approved by the chief pursuant to rules 1501:10-2-22 and 1501:10-2-23 of the Administrative Code for the specific piece of diesel equipment he or she will be working on, and a sixteen-hour diesel mechanic training course approved by the chief pursuant to this rule. Additional engine-specific training will be provided to a diesel mechanic in accordance with the plan approved by the chief.
- (D) The mine operator is to submit a diesel mechanic training plan to the chief for approval, including the requirements of this paragraph and the refresher training in paragraph (E) of this rule. The chief will approve the plan prior to its being used for training. The diesel mechanic training plan is to be for a minimum sixteen hours and include training in the following subjects:
- (1) Federal and state provisions regulating the use of diesel equipment;
  - (2) Company policies and rules related to the use of diesel equipment;
  - (3) Emissions control system design and component technical training;
  - (4) On-board engine performance and maintenance diagnostics system design, and component technical training;



- (5) Service and maintenance procedures and provisions for the emissions control systems;
  - (6) Emissions testing procedures and evaluation, and interpretation of test results;
  - (7) Troubleshooting procedures for the emissions control systems;
  - (8) Fire protection systems, testing and maintenance;
  - (9) Fire and ignition sources, and their control and elimination;
  - (10) Fuel system maintenance and safe fueling procedures;
  - (11) Intake air system design and components technical training, and maintenance procedures;
  - (12) Engine shutdown device tests and maintenance;
  - (13) Special instructions regarding components, such as the fuel injection system, that may be repaired and adjusted only by a qualified mechanic who has received special training and is authorized to make such repairs or adjustments by the component manufacturer;
  - (14) Instruction on record keeping provisions for maintenance procedures and emissions testing; and
  - (15) Other subjects determined by the chief to be necessary to address specific health and safety needs.
- (E) Eight hours of refresher training is to be taken annually for all diesel mechanics. The diesel mechanic training plan submitted by the operator under paragraph (D) of this rule is to include an annual refresher training plan of eight hours for diesel mechanics. The annual retraining will include refresher training as well as new procedure and new technology training as necessary. This training is separate from the MSHA 30 C.F.R. Part 48 refresher training and the electrical training required by MSHA. The mine operator is to furnish all training and refresher training required under this rule. The employees will suffer no loss of pay for attending training and refresher training.



(F) For dates of federal rules referenced in this rule, see rule 1501:10-1-07 of the Administrative Code.