



DIESEL ENGINE MECHANIC UNDERGROUND (COAL)

PHOTO ID REQUIRED

Article 3 of the **Coal Mine Safety Laws of Virginia** establishes requirements for certification of coal mine workers. The certification requirements are included in §45.2-515. through §45.2-534. in which the Board of Coal Mining Examiners is established for the purpose of administering the certification program. The Board has promulgated certification regulations 4 VAC 25-20, which set the minimum standards and procedures required for Virginia coal miner examinations and certifications.

CERTIFICATION CLASSIFICATION: **Underground Diesel Engine Mechanic (Coal)*

This certification authorizes the holder to:

- Perform maintenance work on diesel engines in underground coal mines as recommended by the manufacturer of the engine.

APPLICATION/EXPERIENCE REQUIREMENTS:

- Application (BCME-1) and \$40.00 fee 5 working days prior to examination
 - **Note:** Classes are limited to 20 people and tend to fill quickly. Application fees are due no later than 5 working days prior to the examination, but this will not guarantee that an opening will be available.
- Six months experience as an underground coal diesel engine mechanic or complete a diesel engine mechanic course approved by Coal Mine Safety or possess appropriately related work experience approved by the Chief, Coal Mine Safety. (Certificate required if other than CMS course). **NOTE: Experience must be submitted within 5 years of passing the examination. After 5 years records are destroyed. Must reapply if future certification is desired.**
- Hold a General Coal Miner Certification
- Current first aid training (MSHA 5000-23 Annual Retraining or New Miner Inexperienced Training is acceptable)

EXAMINATION REQUIREMENTS: A score of 80% on each element of the examination

<u>ELEMENTS OF EXAM</u>	<u>NUMBER OF QUESTIONS</u>
▪ Emissions Testing - (ET)	20
▪ Fuels and Emissions - (FM)	20
▪ Internal Combustion - (IC)	20
▪ Preventive Maintenance - (PM)	20
▪ Federal Regulations - (FR)	20
▪ Virginia Rules & Regulations - (VR)	25
▪ Gas Detection - practical demonstration	

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RECOMMENDED REFERENCE/STUDY MATERIALS:

- Coal Mine Safety Laws of Virginia (\$25.00)
- Title 30 CFR Parts 36, 75 (Included in study guide)
- First Aid for Miners Study Guide (\$15.00)
- Diesel Engine Mechanic Study Guide (\$9.00)
- Rules & Regulations Governing the Use
of Diesel Powered Equipment in Underground Coal Mines (Included in study guide)
- Practical Ways to Reduce Exposure to Diesel
Exhaustion in Mining – A Toolbox (Included in study guide)

The above mentioned study materials are available at the Virginia Energy Big Stone Gap Office, (276) 523-8100.

***4 hours annual continuing education required to update this certification.**

*** Contact Mountain Empire Community College (MECC) 276-523-2400 for class information.**