



**ELECTRICAL MAINTENANCE FOREMAN  
 (SURFACE AND 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 §45.1-161.24 through §45.1-161.41 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: \*Electrical Maintenance Foreman (Surface and UG) (Coal)**

This certification authorizes the holder to:

- Perform electrical work and inspections at all surface areas of underground, surface and underground coal mines
- Make examinations on electrical equipment
- Conduct and record results of electrical examinations

**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.
- Hold a valid Electrical Repairman
- Three years of electrical experience as applied to underground coal mining or appropriately related work experience approved by the Chief of the Division of Mines.

**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.**

- Current first aid training (MSHA 5000-23 Annual Retraining or New Miner Inexperienced Training acceptable)

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

<b><u>ELEMENTS OF EXAM</u></b>	<b><u>NUMBER OF QUESTIONS</u></b>
<ul style="list-style-type: none"> <li>▪ Electrical Maintenance Foreman (MT)               <ul style="list-style-type: none"> <li>Alternating Current</li> <li>Direct Current</li> <li>Circuits &amp; Equipment</li> <li>Cable Splicing</li> <li>High Voltage</li> <li>Legal Requirements</li> <li>Permissibility</li> </ul> </li> <li>▪ First Aid (FA)</li> <li>▪ National Electrical Code (not implemented)</li> <li>▪ Practical Stations (not implemented)</li> <li>▪ Records – practical (not implemented)</li> </ul>	<p>50</p> <p>25</p>

**RECOMMENDED REFERENCE/STUDY MATERIALS:**

- Electrical Study Guide (\$20.00)
- Coal Mine Safety Laws of Virginia (\$5.50)
- BCME Requirements (No Charge)
- First Aid For Miners Study Guide (\$9.00)
- Title 30 CFR Part 18, 75, 78 (Included in study guide)

**The above mentioned study materials are available at the Department of Mines, Minerals and Energy's Big Stone Gap Office, Customer Assistance Center (276) 523-8233 and Lebanon Field Office (276) 415-9650.**

**\*8 hours annual Electrical Repairman continuing education will update this certification.**