

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF MINES, MINERALS AND ENERGY
DIVISION OF MINE**

Coal Miner Name

Date of Birth

**MINE GAS DETECTION QUALIFICATION
CHECK LIST**

DIVISION OF MINE USE ONLY

This check list is to be completed by a Division of Mines Inspector, BCME Certified Instructor or Technical Specialist providing training and evaluation of a coal miner for qualification to conduct methane test pursuant to 45.1-161.231 and 45.1-161.252 of the Coal Mine Safety Laws of Virginia. **(FORM DM-BCME-1 APPLICATION FOR CERTIFICATION, MUST BE SUBMITTED WITH THIS CHECKLIST)**

MINE GASES

<input type="checkbox"/>	Properties of Gases
<input type="checkbox"/>	Different Mine Gases – Overview
<input type="checkbox"/>	Methane Gas-Detailed Review of Properties
<input type="checkbox"/>	Carbon Dioxide (Low Oxygen Hazard)
<input type="checkbox"/>	Carbon Monoxide
<input type="checkbox"/>	Hydrogen Gas

METHANE TEST (State and Federal Requirements)

<input type="checkbox"/>	How to perform Legal Test
<input type="checkbox"/>	When Testing is Required
<input type="checkbox"/>	Where Testing is Required

METHANE DETECTORS

<input type="checkbox"/>	Types of Detectors – Overview
<input type="checkbox"/>	Operating Procedures
<input type="checkbox"/>	Maintenance and Permissibility Requirements
<input type="checkbox"/>	Calibration Procedures
<input type="checkbox"/>	Care and Handling of Detectors

PRACTICAL DEMONSTRATION BY MINER

<input type="checkbox"/>	Pre-operation Check of Detector
<input type="checkbox"/>	Calibration of Detector
<input type="checkbox"/>	Conduct Test for Methane

I certify that the above named miner has received the instruction in mine gases and methane detection indicated and has demonstrated proficiency in conducting a proper test for methane using a hand held methane detector.

BCME Instructor

Date