Pennsylvania Mining Law
Questions and Answers

Section 201

121. The assistant mine foreman may perform additional duties, provided that the majority of his time is spent doing what?

a. doing jobs for the mine foreman
b. supervising individuals engaged in a coal cutting operation
c. training unqualified employees
d. directing the contractor workforce

Section 210

122. In case of temporary absence of the mine foreman, his duties may be assigned temporarily to an assistant mine foreman for _____.

a. the time being
b. one week
c. one month
d. six months

123. A mine foreman may supervise and direct the work of ____ non-certified miners?

a. 1
b. unlimited
c. 20
d. 2

Section 211

124. A mine foreman or assistant mine foreman shall measure the air current at or near the main inlet or outlet of the entry at least _____.

a. once daily
b. twice daily
c. once per week
d. twice per week

Section 211

125. An anemometer shall be provided and kept in good condition by _____.

a. mine foreman
b. assistant foreman
c. shift foreman
d. superintendent

Section 201

126. For each certification category in sub paragraph (a), a minimum of _____ experience in a working section is required.

a. 1 year
b. 2 years
c. 5 years
d. 10 years

127. All applicants shall be able to read and write the English language intelligently and shall furnish the _____ with a notarized statement from previous employers setting forth the length of service and type of work performed in other mines.

a. Department
b. superintendent
c. DEP
d. Secretary

Section 117

128. In order to be a bituminous mine inspector, what is one of the qualifications required?

a. college degree
b. be at least 21 years of age
c. have a minimum 5 years experience
d. be a resident of this Commonwealth

Section 203

129. The mine foreman may appoint a mine examiner who is willing to act as assistant mine foreman for not more than _____.

a. one week
b. one year
c. one month
d. six months

Section 112

130. Who must submit corrections to quarterly reports which were submitted during the prior year?

a. mine examiner
b. operator
c. mine foreman
d. superintendent

131. Who is authorized to compile, analyze, and publish either in summary or detail form, the reports and information obtained?

a. operator
b. Department
c. mine foreman
d. superintendent

132. Each operator of an active mine shall submit quarterly reports within _____ after the end of each quarter?

a. 6 months
b. 12 months
c. 15 days
d. 7 days

133. Upon discontinuance of the operation of an underground mine, the operator shall immediately notify _____.

a. MSHA
b. superintendent
c. Department
d. UMWA

Section 109

134. Each accident and lost time injury shall be reported on a separate form. If more than one (1) miner is injured in the same accident, the operator shall _____.

a. fire the second person injured
b. combine both injuries on one form
c. submit a separate form for each miner affected
d. contact the Department by telephone

135. The duties of an operator, in the event of an accident, will be to notify the Department no later than _____ minutes of discover?

a. 60
b. 45
c. 15
d. 30

136. When conducting an investigation, the report will include which of the following?

a. date and time of the accident
b. explanation of the cause
c. description of worksite
d. sketch depicting the accident
e. all of the above

Section 108

137. Who shall be given the opportunity to accompany the Department during the physical inspection of any coal mine or facility?

a. representative of the operator
b. representative of MSHA
c. representative of miners
d. both a and c

Section 108

138. If there is no one representing the miners, the Department shall meet with no fewer than _____ miners concerning health and safety at the mine.

a. 1
b. 2
c. 3
d. 4

139. How often will mines be inspected for electrical purposes?

a. 30 days
b. 90 days
c. 6 months
d. once per year

140. How often will mines be inspected for general purposes?

a. weekly
b. monthly
c. quarterly
d. annually

141. In order to become eligible for employment as a bituminous mine electrical inspector, an individual must be at least _____ years of age and have _____ years in an underground coal mine?

a. 30 and 10
b. 20 and 5
c. 21 and 5
d. 25 and 10

142. Who must grant the Department permission to use funds available to the Commonwealth to respond to a mine emergency?

a. Governor
b. Secretary
c. Senator
d. Judge

Section 108

143. The Department shall maintain what amount of emergency supplies?

a. adequate quantities
b. 6 months
c. 30 days
d. none

Section 106

144. The _____ shall send a copy in writing or electronically, of every proposed regulation and final regulation to the operator of each mine.

a. Department
b. Board
c. Secretary
d. Advisory committee

145. Emergency shelters shall provide a battery powered, occupant activated strobe light approved by the _____.

a. Department
b. Board
c. Secretary
d. Governor

146. Shelters or chambers must contain a minimum of _____ quarts of water per miner.

a. 9
b. 4
c. 8
d. 10

147. The shelter or chamber must contain a full EMT kit.

a. true
b. false

Section 104

148. An approval is a written document issued by MSHA.

a. true
b. false

149. “The working section” of a mine extends from the face extending back 2000 feet.

a. true
b. false

150. The air that has ventilated the last working place on any split, or any working section or any worked out area, whether pillared or non-pillared is called _____.

a. intake air
b. bleeder air
c. return air
d. belt air

151. A miner employed at the mine, who is authorized by a vote of 2 or more miners working at the mine to perform the duties specified in this act is a _____.

a. safety inspector
b. miner representative
c. state inspector
d. section foreman

152. Excavations, either caved or sealed, that are deserted and in which further mining is not intended are _____.

a. active workings
b. returns
c. abandoned workings
d. air courses

Section 104

153. A shift, primarily intended for coal production, rather than construction, maintenance and housekeeping is known as an idle shift.

a. true
b. false

154. The solid coal at the inby end of a working place is known as _____.

a. working section
b. load point
c. face
d. cutting zone

Section 106

155. The Board shall meet within _____ days of the effective date of this section for, at a minimum, organizational purposes.

a. 365
b. 30
c. 180
d. 60

156. The compensation shall be adjusted _____ by the Department to account for inflation based on the consumer price index, published by the US Department of Labor.

a. 6 months
b. 3 months
c. annually
d. monthly

Section 104

157. What is an inactive working?

a. portions of the mine that are sealed
b. sections of the mine without a crew
c. portions of the mine where operations have been suspended indefinitely but not abandoned
d. portions of the mine that have been abandoned

Section 104

158. Face take-ups and lateral take-ups in the face area, are not to exceed how many feet from the last survey station spad?

a. 100 feet
b. 300 feet
c. 500 feet
d. 200 feet

Section 103

159. One purpose of the Act is to use the full extent of the Commonwealth's power to protect the lives, health and safety of miners and others in and about _____.

a. surface mines
b. underground coal mines
c. limestone mines
d. trona mines

160. It is imperative that the _____ have the capability to coordinate and assist rescue operations in response to accident in underground coal mines.

a. mine foreman
b. superintendent
c. MSHA
d. Department

Section 102

161. The Pennsylvania Bituminous Coal Mine Act is becoming outdated and lacks an effective mechanism to modify existing standards and to adopt new standards.

a. true
b. false

162. The DEP has significantly reduced the occurrence of death and/or injury in the coal mining industry.

a. true
b. false

Section 405

163. Welding or cutting should not be done within _____ feet of a diesel storage facility.

a. 10
b. 15
c. 25
d. 50

164. Storage facilities shall be provided with at least _____ portable 20 pound multipurpose fire extinguishers.

a. 1
b. 2
c. 3
d. 4

Section 403

165. Which of the following will be on the diagnostic system?

a. calendar
b. engine oil temperature
c. manufacturer's name
d. date of service

166. At what temperature will the engine shut down?

a. 302 degrees
b. 100 degrees
c. 225 degrees
d. 202 degrees

Section 408

167. Automatic engine shutdown - what is the maximum delay of the suppressant agent after the fire alarm alerts the operator?

a. 1 minute
b. 30 seconds
c. 5 minutes
d. 15 seconds

Section 408

168. How many manual actuators should be provided on diesel-powered equipment?

a. 4
b. 6
c. 2
d. 8

Section 409

169. Fire suppression for diesel fuel storage areas shall consist of:

a. dry powder type
b. ice
c. water
d. rock dust

Section 407

170. How much diesel fuel can be transported by diesel fuel transportation units?

a. 5 gallons
b. 100 gallons
c. 500 gallons
d. 1000 gallons

171. Trolley wire must be de-energized when transporting diesel fuel transportation units if the clearance between the trolley wire and the transportation unit is less than what distance?

a. 6 inches
b. 12 inches
c. 18 inches
d. 24 inches

Section 406

172. When shall diesel fuel be transferred to the fuel tank of diesel-powered equipment?

a. when the engine is hot
b. when the engine is idling
c. when the engine is off
d. when the engine is cool

173. Unburied diesel fuel pipelines shall not exceed _____ feet in length and shall have shut-off valves located at each end of the unburied pipeline?

a. 250
b. 150
c. 300
d. 500

Section 407

174. Containers used for the transport of diesel fuel shall not exceed a capacity of _____ gallons.

a. 500
b. 250
c. 50
d. 25

175. How many safety cans may be transported safely on a vehicle at one time?

a. 1
b. 3
c. 6
d. 12

Section 406

176. Horizontal pipelines are prohibited.

a. true
b. false

Section 344

177. When should each ground wire monitor and associated circuits be examined?

a. 30 days
b. 7 days
c. 10 days
d. 20 days

Section 342

178. Each ground test circuit shall inject a primary current of what percentage, or less, of the current rating of the grounding resistor, through the current transformer and cause each corresponding circuit-interrupting device to open?

a. 75%
b. 25%
c. 100%
d. 50%

179. What should circuit-interrupting devices be designed and installed for?

a. to prevent automatic reclosure
b. to re-close
c. to protect the equipment
d. because it looks good

Section 332

180. Connections of the high-voltage cable to the load center shall be made through a _____ of the type described in Section 331.

a. load brake
b. circuit breaker
c. a nip
d. cable coupler