§ 75.600

Subpart G—Trailing Cables

§ 75.600 Trailing cables; flame resistance.

[STATUTORY PROVISIONS]

Trailing cables used in coal mines shall meet the requirements established by the Secretary for flame-resistant cables.

§ 75.600–1 Approved cables; flame resistance.

Cables shall be accepted or approved by MSHA as flame resistant.

[57 FR 61223, Dec. 23, 1992]

§ 75.601 Short circuit protection of trailing cables.

[STATUTORY PROVISIONS]

Short circuit protection for trailing cables shall be provided by an automatic circuit breaker or other no less effective device approved by the Secretary of adequate current-interrupting capacity in each ungrounded conductor. Disconnecting devices used to disconnect power from trailing cables shall be plainly marked and identified and such devices shall be equipped or designed in such a manner that it can be determined by visual observation that the power is disconnected.

§ 75.601–1 Short circuit protection; ratings and settings of circuit breakers.

Circuit breakers providing short circuit protection for trailing cables shall be set so as not to exceed the maximum allowable instantaneous settings specified in this section; however, higher settings may be permitted by an authorized representative of the Secretary when he has determined that special applications are justified:

<table>
<thead>
<tr>
<th>Conductor size AWG or MGM</th>
<th>Maximum allowable circuit breaker instantaneous setting (amperes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>1,000</td>
</tr>
<tr>
<td>12</td>
<td>1,250</td>
</tr>
<tr>
<td>10</td>
<td>1,500</td>
</tr>
<tr>
<td>8</td>
<td>2,000</td>
</tr>
<tr>
<td>6</td>
<td>2,500</td>
</tr>
<tr>
<td>4</td>
<td>3,000</td>
</tr>
<tr>
<td>3</td>
<td>3,500</td>
</tr>
<tr>
<td>2</td>
<td>4,000</td>
</tr>
</tbody>
</table>

§ 75.602 Trailing cable junctions.

[STATUTORY PROVISION]

When two or more trailing cables junction to the same distribution center, means shall be provided to assure