1. This standard covers

1.1 Stationary drives directly related to operations such as turnout motors, decoupling setups, signals and turn tables;

1.2 Stationary equipment that serves the broader layout design such as lighting, drives of functional models, as well as

1.3 Stationary equipment per section 1.1 and 1.2 that are controlled or operated by a decoder.

2. The electrical components of the stationary equipment are to be implemented so that they are DC powered. The equipment per 1.1 and 1.2 should also function with AC power.

3. The nominal input voltage of the stationary equipment per 1.1 is:

<table>
<thead>
<tr>
<th>Table 1:</th>
<th>Gauge G in mm</th>
<th>6.5</th>
<th>6.5 &lt; G &lt; 45</th>
<th>≥ 45</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC powered in Volt</td>
<td>10</td>
<td>14 to 16</td>
<td>14 to 18</td>
<td></td>
</tr>
<tr>
<td>DC powered in Volt</td>
<td>8</td>
<td>12</td>
<td>14 to 18</td>
<td></td>
</tr>
</tbody>
</table>

4. Stationary equipment per section 1.2 shall to be driven by 15 V DC, independent of scale.

5. Stationary equipment controlled by decoders may be powered by the same or a separate digital power source, as is described in section 4 of NEM 641.

6. Decoders which are only used to control stationary equipment and that allow for external AC or DC supply power, can switch the voltage values according to Table 1.

7. For stationary equipment per section 1.1, the digital power supply voltage may, in accordance with NEM 641, be dependent on scale.