1. If national standards are not in effect, adhere to this standard:
   - Use copper wire, 14 AWG (2.5 mm²) or larger wire size.
   - For grounding, keep all ground leads as short as possible, <1 Ohm impedance.
   - Connect power-supply ground, terminal 30, directly to earth.
   - Connect intrinsically safe ground, terminal 12, directly to equipment ground, terminal 10.

2. Follow plant standards, in lieu of this standard, if a separate high integrity intrinsically safe ground scheme is used.