NOTES:

1. The section of track on which any part of a tank car may stand while a flammable liquid or flammable compressed gas is being loaded or unloaded shall be bonded at each rail joint with 2 W-15 stranded wires.

2. At least four jumper wires equivalent to J-65 stranded jumpers shall be cross connected between the two rails. Two near each end of the bonded section.

3. The bonded rails shall be connected to copperweld ground rods 5/8" (1.59cm) in diameter and 6'-0" (1.84m) long, driven full length with at least 8'-0" (2.44m) in natural earth. The connection between the rails and the ground rods shall be at least #8 awg soft annealed copper, channel pinned to rail and connected to the ground rod by means of a clamp.

4. Permanent multiple connections of at least #8 awg soft annealed copper wire shall be provided between the bonded track section and the loading and unloading pipes.

5. Where a considerable amount of stray current exists, pipe and metallic structure should be electrically interconnected and grounded in addition to the above connection to rails; and in addition to the permanent connections, a temporary electrical connection of #0 flexible copper strand from each oil pipe outlet to each car tank should be made.