DEPARTMENT OF LABOR AND INDUSTRY

Portable road plant initial inspection checklist

Initial electrical inspection

Generator:

- Generator bonding jumper installed and properly sized.
- Generator grounding electrode system.
- Verify generator trailer grounding.
- Check generator overcurrent and the feeder conductor size, that is extended to the control trailer and other equipment fed from the generator.
- Verify separable (cam-lock) connections are in good condition and terminations are secure.

Control trailer:

- Check feeder panelboard in control shack for isolation of equipment grounds and grounded (neutral) conductors.
- Verify feeder overcurrent protection and conductor sizing to separate equipment, baghouse, drum, silo, lab trailer(s) etc.

Equipment/conveyors/lab trailers:

- Check the cord drops and connections at equipment disconnects.
- Check to be sure electrical disconnects are secured to equipment.
- Verify control cabinets are properly grounded.
- Verify GFCI protection for outdoor 15- and 20-amp 125-volt receptacles.
- Verify GFCI protection is within 6 feet of the lab trailer sinks.
- Many times, a step-down transformer is used for the 120/240-volt lab trailer. The inspector will verify proper overcurrent protection, grounding, and bonding.

Subsequent electrical inspections

Generator:

- Confirm generator had an initial inspection (sticker) and location of the bonding jumper.
- Verify grounding electrode system has been installed.

Control trailer:

- Confirm control trailer had an initial inspection (sticker).

Equipment/conveyors/lab trailers:

- Check the cord drops and connections at equipment disconnects.
- Check to be sure electrical disconnects are secured to equipment.