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## **Eaton Three-Phase Lithium Solution Assembly Assistance Service Scope of Work Attachment L-14**

The following is an outline of general assembly procedures that will be performed by Field Service Personnel prior to a standard start-up for Lithium Battery Cabinets. Start-up service may be purchased separately and is not included in Assembly Assistance Service. All checks and processes may not be applicable to all equipment models.

Note: Customer is responsible for inside delivery of all equipment and arranging a licensed electrician to provide all necessary input power, any hardwired output connections, and locating all equipment in the site area where the equipment is to be installed. This service does not cover installation of physical cabinets and cabling.

1. **Unpack**
  - 1.1. Unpack Batteries and accessories
  - 1.2. Removal of all packing materials to customer designated disposal location
2. **Visual Inspection**
  - 2.1. Verify that all equipment and accessories listed in the manufacturer's documentation are included.
  - 2.2. Visually inspect all equipment and accessories for signs of damage, foreign material, protruding screws, or other visible abnormalities.
  - 2.3. Observe type of ventilation, room cleanliness, use of proper signs and any safety-related items that may require correction and notify customer.
  - 2.4 Test the battery modules according to the manufacture's parameters using a calibrated meter.
3. **Inspection/Installation of Battery Modules and Associated Components**
  - 3.1. Inspect factory installed battery modules and/or install battery modules in the appropriate location within battery cabinet or rack.
  - 3.2 Inspect factory installed battery cabinet switchgear or install the switchgear assembly in the rack frame as required.
    - a. Take note of battery disconnect auxiliary contact status, trip settings & wiring.
  - 3.3 Inspect factory installed battery management system interconnects and if applicable insert the BMS or SMPS assembly in the battery cabinet.
    - a. Verify all signal cables are connected between all battery cabinets and battery system components
  - 3.4 If applicable, attach the subassemblies in the battery cabinet.
  - 3.5 Connect all bus bars & cabling within the battery cabinet.
    - a. Be sure all modules and associated buss bar connections are torqued to the manufactures outlined specifications.
  - 3.6 Connect external battery cabinet/rack connections including auxiliary power wiring, UPS communications & customer supplied communications.

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