Use a skid/pallet provided with a new shipment to return used motive batteries if possible.

Before handling battery/ cell(s), please read and adhere to all of the following requirements:

1. Cells must be palletized using a skid/pallet (See “Skid/Pallet Specifications” for details).
2. Cells must be upright and secured with wooden cleats on skid/pallet.
3. Terminals must be protected with non-conductive caps, tape or other insulating material (i.e. waffleboard, cardboard) to prevent shorting, cutting or distortion.
4. Cells must be banded with steel or plastic banding2 with a minimum of three horizontal bands and two vertical bands.
5. Metal banding CANNOT be too close to contacts with the posts or terminals of the cells.

6. Batteries must be secured with steel or plastic banding and adequate insulation, in accordance with “General Handling Requirements” for details.
7. Metal banding CANNOT come in contact with the posts or terminals of the battery.
8. Each battery should be secured to the skid/pallet by:

   a. Banding in new direction (See A in Fig. 1) and wooden cleats nailed to skid/pallet on all four sides around the base of the (battery/units) to prevent the battery from sliding off the skid/pallet during transport.
   b. Skid/pallets must be properly blocked, braced, or otherwise secured in the trailer to prevent shifting of the load during transport.

IMPORTANT GENERAL HANDLING REQUIREMENTS

Before handling battery/ cell(s), please read and adhere to all of the following requirements:

1. Cells must be upright and secured with wooden cleats on skid/pallet.
2. Cells must be banded with steel or plastic banding2 with a minimum of three horizontal bands and two vertical bands.
3. Terminals must be protected with non-conductive caps, tape or other insulating material (i.e. waffleboard, cardboard) to prevent shorting, cutting or distortion.
4. Cells must be banded with steel or plastic banding2 with a minimum of three horizontal bands and two vertical bands.
5. Metal banding CANNOT come in contact with the posts or terminals of the cells.

INSTRUCTIONS FOR PREPARING USED MOBILE CELLS FOR SHIPMENT

INSTRUCTIONS FOR PREPARING USED MOBILE BATTERIES FOR SHIPMENT

These Guidelines are to assist in compliance with Federal Department of Transportation (USDOT) regulations. Please assist the driver in complying with the law. Failure to comply with the guidelines can result in refusal by the carrier to accept material. In addition, failure to comply can result in fines and penalties from Federal, State and Local Authorities.

In 2010, the United States Department of Transportation (USDOT) and the Pipeline and Hazardous Materials Safety Administration (PHMSA) updated the hazardous materials regulations to require proper packaging and transportation of used mobile batteries to ensure that they are not a hazard during shipping and do not present an explosion or fire risk. These Guidelines were developed to assist in compliance with these regulations. Seek legal advice if you have any questions about these issues.

INFORMATION FOR PREPARING USED MOBILE CELLS FOR SHIPMENT

INFORMATION FOR PREPARING USED MOBILE BATTERIES FOR SHIPMENT

1. See “Important Skid/Pallet Specifications” Section.
2. Place all batteries upright and across the runners of the skid/pallet if possible.
3. Batteries must be free from leaks.
4. Multiple batteries can be banded together to consolidate a shipment to a standard skid/pallet size.
5. Adequate wooden cleats must be firmly nailed to the skid/pallet on all sides around the base of the (battery/units) to prevent the battery from sliding off the skid/pallet during transport.
6. Batteries must be secured with steel or plastic banding and adequate insulation, in accordance with “General Handling Requirements” for details.
7. Metal banding CANNOT come in contact with the posts or terminals of the battery.
8. Each battery should be secured to the skid/pallet by:

   a. Banning in new direction (See A in Fig. 1) and wooden cleats nailed to skid/pallet on all four sides around the base of the (battery/units) to prevent the battery from sliding off the skid/pallet during transport.
   b. Skid/pallets must be properly blocked, braced, or otherwise secured in the trailer to prevent shifting of the load during transport.

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