1. Purpose

This Standards Alert is to advise that changes have been made to the Haze Battery Racks.

2. Details

At the request of Civil Design the battery supplier for SouthEast (Mpower) has made a change to the support structure of the freestanding battery racks for both the 160Ah and 300Ah Haze batteries. The base of the battery racks have been redesigned to spread the battery weight better. As a result we are now in a phase in/phase out period and new stock codes have been allocated for the new battery racks.

The rack for the 160Ah batteries is also used on 48V systems in C&I substations.

Summary:-
- New Racks – suitable for all sites.
- Old Racks – suitable for concrete floors only. i.e. NOT transportable buildings.

<table>
<thead>
<tr>
<th>Battery Racks</th>
<th>Old Rack</th>
<th>New Rack</th>
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<tbody>
<tr>
<td>Suitable for</td>
<td></td>
<td></td>
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<tr>
<td>18x 6v 160Ah</td>
<td>20788</td>
<td>25445</td>
</tr>
<tr>
<td>54x 2V 300Ah</td>
<td>25331</td>
<td>25447</td>
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New rack has RHS base for better weight distribution.
3. FAQ

Q1. What racks can I order?
A1. Only new racks can be ordered.

Q1. Are the new racks backward compatible?
A1. Yes.

Q2. I’ve already ordered an old rack what happens?
A2. In conjunction with procurement Sub Stanadards are managing all orders of the old stock codes. There are only a limited number of existing orders.

Q3. Do I replace the existing rack in a modular building?
A3. No, unless you notice issues with the floor. If you do observe issues with an existing floor Substation Civil Design should then be contacted before proceeding.

Q3. What issues do the old racks cause with the floor?
A3. The point loads of the old base can cause buckling of the floor panel in modular substations.

4. Deployment Expectations

It is the Asset Standards expectation that best endeavours be applied to the implementation of this change. It is expected that the new standard is fully adopted for all new designs.

5. Further Information

For further information, please contact Greg Carlill, 3664 4948, (greg.carlill@energyq.com.au)