### Battery Calculations

**Formula:**

\[ \text{Battery Capacity} = \frac{\text{Power Demand} \times \text{Run Time}}{\text{Efficiency of Battery}} \]

<table>
<thead>
<tr>
<th>Component</th>
<th>Initial Capacity</th>
<th>Run Time</th>
<th>Efficiency</th>
<th>Final Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Notification Appliance Circuit

**Voltage Drop & Power Requirements**

**Field Notes:**

- All figures are approximate.
- System testing and configuration are as per manufacturer's instructions.

<table>
<thead>
<tr>
<th>Appliance</th>
<th>Voltage</th>
<th>Current</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Notes:**
  - Ensure all connections are secure.
  - Regular maintenance is required.

**Signed by: [Signatures]**

**Date: 09/16/13**

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**Department:**

- **Facilities Division**

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**Reference:**

- [Facility Management Manual](#)
- [Fire Alarm System Specifications](#)