Current Risk Assessment: General Assessment at Cornwall Energy Recovery Centre

Assessment Details:

Assessment Status: Current
Assessment Type: General Assessment
Activity Being Assessed: Visits to CERC by adults and children
Persons Involved: Robert Irwin/UK/SITNSLE; Natalie Chard/UK/SITNSLE
Reason for Review: Initial Risk Assessment
IRIS Reference:

Additional Information:
Add applicable Hazards for the activity being undertaken, to the table below: (Click here for a guide to Risk Severity and Likelihood)

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Risk(s) from Hazard(s)</th>
<th>Persons Exposed</th>
<th>Existing Controls</th>
<th>Risk Rating (S x L)</th>
<th>Additional Controls Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Visitors Centre and plant tours for adults</td>
<td>Other:</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Explosion Risk</td>
<td></td>
<td>Visitors booked in at reception.</td>
<td>S4</td>
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<td></td>
<td>Risk from Moving</td>
<td></td>
<td>Children not allowed on plant tours - restricted to control room; education room and visitor's centre.</td>
<td>L1</td>
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<td></td>
<td>Vehicle</td>
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<td>Site tours arranged with the organiser e.g. school.</td>
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<td></td>
<td>Risk of Exposure to</td>
<td></td>
<td>Safety induction on arrival.</td>
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<td></td>
<td>Harmful Substance</td>
<td></td>
<td>Control room aware of when visitors enter and leave the plant.</td>
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<td></td>
<td>Risk of Electrical</td>
<td></td>
<td>CERC escort staff in communication by two-way radio with control room at all times while visitors are in plant areas.</td>
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<tr>
<td></td>
<td>Shock/Discharge</td>
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<td>Engineering controls in plant.</td>
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<tr>
<td></td>
<td>Risk of Fall From Height</td>
<td></td>
<td>PAT end electrical test regime.</td>
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<tr>
<td></td>
<td>Risk of ill health</td>
<td></td>
<td>Emergency procedures.</td>
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<td></td>
<td>Risk of Injury from Fire / Smoke inhalation</td>
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<td></td>
<td>Risk of Moving/Flying/Falling Object</td>
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<td></td>
<td>Slip/Trip/Fall Risk - Same Level</td>
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</tbody>
</table>

Location: Cornwall Energy Recovery Centre
Area: Energy
Sector \ Region: Energy Solutions \ South
General Manager: Tim Otley/UK/SITNSLE
Site Manager: Tony Burge/UK/SITNSLE
Safety Manager: Andrew Jones/UK/SITNSLE
### Other School visits

<table>
<thead>
<tr>
<th>Risk from Moving Vehicle</th>
<th>Risk of Electrical Shock/Discharge</th>
<th>Risk of Fall From Height</th>
<th>Risk of Ill health</th>
<th>Slip/Trip/Fall Risk - Same Level</th>
</tr>
</thead>
</table>

#### Staff
- Visit planned with school.
- Approximately one teacher per ten children in group.
- Traffic plan in place.
- Teachers and CERC staff escort children across car park to main doors.
- Site induction to explain risks to teachers and children.
- PAT testing of appliances.
- One school staff member per ten children.
- Three groups during visit:
  - No more than ten children visit control room at once; escorted by one CERC staff.
  - No more than ten children in education room at once; escorted by one CERC staff and one teacher.
  - Remainder of children in visitors centre; escorted by two teacher.
- One teacher to remain by the sliding exit doors to prevent unescorted exit by children into the car park; truck and mobile plant areas; and steeply banked area.

#### Visitors
- Approximately one teacher per ten children in group.
- Traffic plan in place.
- Teachers and CERC staff escort children across car park to main doors.
- Site induction to explain risks to teachers and children.
- PAT testing of appliances.
- One school staff member per ten children.
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  - Remainder of children in visitors centre; escorted by two teacher.
- One teacher to remain by the sliding exit doors to prevent unescorted exit by children into the car park; truck and mobile plant areas; and steeply banked area.

#### Young persons
- Approximately one teacher per ten children in group.
- Traffic plan in place.
- Teachers and CERC staff escort children across car park to main doors.
- Site induction to explain risks to teachers and children.
- PAT testing of appliances.
- One school staff member per ten children.
- Three groups during visit:
  - No more than ten children visit control room at once; escorted by one CERC staff.
  - No more than ten children in education room at once; escorted by one CERC staff and one teacher.
  - Remainder of children in visitors centre; escorted by two teacher.
- One teacher to remain by the sliding exit doors to prevent unescorted exit by children into the car park; truck and mobile plant areas; and steeply banked area.

### Health and Safety Information

- All visitors must wear: helmet; gloves; safety glasses and hi-viz vest during plant tour; supplied by CERC.
- All visitors must arrive in sensible shoes - slip-resistant sole; covering the whole foot. Persons arriving in sandals, heels or flip-flops will not be allowed in the plant areas.
- All expectant mothers to declare their condition to CERC staff on arrival.
- Running cables are taped down. Areas where maintenance is carried out during the tour are signed and barriered off.
- 1:10 ratio of CERC escort staff to visitors is observed at all times.

### Site Induction

- Traffic plan in place.
- Teachers and CERC staff escort children across car park to main doors.
- Site induction to explain risks to teachers and children.
- PAT testing of appliances.
- One school staff member per ten children.
- Three groups during visit:
  - No more than ten children visit control room at once; escorted by one CERC staff.
  - No more than ten children in education room at once; escorted by one CERC staff and one teacher.
  - Remainder of children in visitors centre; escorted by two teacher.
- One teacher to remain by the sliding exit doors to prevent unescorted exit by children into the car park; truck and mobile plant areas; and steeply banked area.
Other Risks:

In addition to the above hazards, the following factors were considered in determining the control measures:

Supporting Documentation:

Assessment Action Plan

<table>
<thead>
<tr>
<th>RA Reference Number</th>
<th>Action Required</th>
<th>Action By</th>
<th>Target Date</th>
<th>Date Completed</th>
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</thead>
</table>

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