# CATHODIC PROTECTION DATA SHEET

**Material/Equipment**

Cock Breeze

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<table>
<thead>
<tr>
<th>Coke Type</th>
<th>Composition</th>
<th>Bulk Density (kg/m³)</th>
<th>Resistivity (Ω.cm)</th>
<th>Particle Size</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type 1</strong></td>
<td>Carbon 80% (max.)</td>
<td>650 - 800</td>
<td>100</td>
<td>Less than 10 mm: 100%</td>
</tr>
<tr>
<td><strong>Type 2</strong></td>
<td>Carbon 90% (max.)</td>
<td>700 - 1100</td>
<td>100</td>
<td>Less than 3 mm: 100%</td>
</tr>
<tr>
<td><strong>Type 3</strong></td>
<td>Carbon 95% (max.)</td>
<td>1050 - 1200</td>
<td>0.1</td>
<td>Less than 1.0 mm: 100%</td>
</tr>
</tbody>
</table>

- **Type 1**: Coal Coke Breeze
- **Type 2**: Calcined Petroleum Coke Breeze
- **Type 3**: Special Calcined Petroleum Coke Breeze

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**Coke Type**

- **Type 1**: Coal Coke Breeze
  - Carbon 80% (max.)
  - Moisture 5% (max.)
  - Ash 5% (max.)
  - Sulphur 1% (Max)
  - Volatile 5% (max.)
  - Bulk Density (kg/m³): 650 - 800
  - Resistivity (Ω.cm): 100
  - Particle Size: Less than 10 mm: 100%
  - Greater than 1 mm: 90%
  - Greater than 0.5 mm: 90%
  - Greater than 0.4 mm: 90%
  - Greater than 0.15 mm: 99%

- **Type 2**: Calcined Petroleum Coke Breeze
  - Carbon 90% (max.)
  - Ash 5% (max.)
  - Moisture 5% (max.)
  - Volatile 5% (max.)
  - Bulk Density (kg/m³): 700 - 1100
  - Resistivity (Ω.cm): 100
  - Particle Size: Less than 3 mm: 100%
  - Greater than 0.5 mm: 90%
  - Greater than 0.4 mm: 90%

- **Type 3**: Special Calcined Petroleum Coke Breeze
  - Carbon 95% (max.)
  - Ash 1% (max.)
  - Moisture 3% (max.)
  - Volatile 1% (max.)
  - Bulk Density (kg/m³): 1050 - 1200
  - Resistivity (Ω.cm): 0.1
  - Particle Size: Less than 1.0 mm: 100%
  - Greater than 0.6 mm: 80%
  - Greater than 0.4 mm: 90%
  - Greater than 0.15 mm: 99%

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**Doc. No.: CP-DSH-CK**

**Rev.: D0**

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