## Aspects & Impacts

An Aspects & Impacts Register is a record of the environmental aspects associated with a company's activities and an evaluation of whether those aspects could or have had a significant impact on the environment. Below is a list of the different aspects of Hallite's CDIs activities that do or could have an impact on the environment and a rating according to the severity of the impact. The table also lists the numerous control measures that are either already in place or are being investigated as a means of reducing our impact on the environment.

### Table: Aspects & Impacts

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<thead>
<tr>
<th>Aspects</th>
<th>Aspect Activity</th>
<th>Legislation</th>
<th>Impact</th>
<th>Rating</th>
<th>Control Measures</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Utilities</td>
<td>All machines and equipment used in the manufacturing process, along with cooling and lighting the building.</td>
<td>Climate Change Act</td>
<td>Green house gas emissions</td>
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<td>Variable speed controls, energy efficient lighting, power factor correction</td>
<td>Monitor - switch off program, investigate use of PIRs, energy saving lights used in some areas.</td>
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<td>Gas</td>
<td>Heating the main offices</td>
<td>Climate Change Levy</td>
<td>Green house gas emissions</td>
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<td>Boiler control system, servicing, timer, thermostatic</td>
<td>Investigate water saving measures e.g. taps</td>
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<td>Water</td>
<td>Fire protection, coating, sanitary, washing and drinking</td>
<td>Water Resources Act 1991, Water Supply (Water Fittings) Regulations 1999</td>
<td>Depletion of renewable resources</td>
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<td>RBF values, oil inspection</td>
<td>Investigate water saving measures, e.g. taps</td>
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### Chemical
- Transferring, storage, handling, mixing and disposal
- Chlorine, COSHH, REACH, Controlled Waste Regs, Environmental Protection Act, Hazardous Wastes Regs, Duty of Care Regs
- Recovery
- Building and site personnel training: include bunded storage, COSHH procedures, spill kit, RPI, assessments, companied waste
- All waste is now being processed / re-used, reclaimed, recycled

### Electrical Equipment
- Handling including delivery, storage and disposal / collection
- NEEED, Waste Batteries & Accumulator Regs, Environmental Protection Act, Duty of Care Regs
- Depletion of natural resources / hazardous to sewer, leaks to groundwater / destruction of ECOsystems
- Building, Initial bunded storage / drains, PIR, intercepors, bunding, lockable skip, Contractor SDS
- Investigate own storage for new machinery, bunded storage at Goods Inwards

### Clinical
- Tools, shapes
- CHRI COSHH, REACH, Controlled Waste Regs, Environmental Protection Act, Hazardous Wastes Regs, Duty of Care Regs
- Approved Contractor

### Process Fumes
- Rubber and plastic moulding, past using, tool mixing, polishing, spray finishing, packaging, transportation
- Controlled Waste Regs, Environmental Protection Act, Duty of Care Regs
- Green house gas emissions
- Licensed Recycler / waste separation options

### Aerosols
- Testing surfaces, cleaning
- Controlled Waste Regs, Environmental Protection Act, Duty of Care Regs
- Fumes to atmosphere
- Licensed and sent for recycling through Hallite's main contractor

### Fluorescent Lighting
- Lighting
- NEEED, Waste Batteries & Accumulator Regs, Environmental Protection Act, Duty of Care Regs
- Emissions to air / pollution
- Separated and sent for recycling through Hallite's main contractor

### Non-Hazardous Waste
- Plastic
- Transferring, storage, handling, mixing and disposal
- Controlled Waste Regs, Environmental Protection Act, Duty of Care Regs
- Depletion of natural resources and Landfill
- Licensed Recycler / waste separation options
- Improve separation / continue to reduce to Landfill

### Solder Plastic CNG
- Machining CHC and internal
- Environmental Protection Act, Duty of Care Regs
- Landfill
- BIFA - Landfill

### Plastic Bottles
- Beverages, various chemicals
- Environmental Protection Act, Duty of Care Regs
- Landfill / Recovery
- Collected for recycling

### Cured Rubber
- Transferring, storage, handling, mixing and disposal
- Controlled Waste Regs, Environmental Protection Act, Duty of Care Regs
- Depletion of natural resources / Landfill
- Licensed Recycler / storage control

### Uncured Rubber
- Moulding, purging
- Environmental Protection Act, Duty of Care Regs
- Depletion of natural resources / Landfill
- BIFA - Landfill

### Metal
- Handling, tooling, storage, matching and disposal, asset disposal
- Environmental Protection Act, Duty of Care Regs
- Depletion of natural resources
- Licensed Scrap Merchant, lockable skip

### Rubber to Metal Bondings
- Moulding
- Environmental Protection Act, Duty of Care Regs
- Depletion of natural resources / Landfill
- BIFA - Landfill

### Packaging
- Unpacking, disposal and protection of product
- Producer Responsibility Obligations and End of Life Directive
- Depletion of natural resources and Landfill
- Multiple compliance audits, waste separation / recycling - biffa
- Investigate packaging supply and methods

### Paper
- Prototyping, printing, from paper, catalogues, personal documentation
- Environmental Protection Act, Duty of Care Regs
- Depletion of natural resources
- Agent derived from sustainable forest, recycling binned through statement

### Wood
- Packaging, protection, used as a mechanical / thermal
- Environmental Protection Act, Duty of Care Regs
- Depletion of natural resources, disposal
- BIFA - Recycled

### Various Food
- Carbon fibre, utensils, sandblasting, spraying, mechanical actuation, trimming
- Food waste, packaging, Landfill
- BIFA - Landfill

### Aluminium Cans
- Beverages
- Environmental Protection Act, Duty of Care Regs
- Depletion of natural resources, disposal
- Collected for recycling

### Liquid Nitrogen
- Compressed Air
- Mechanical suction, condensing, aspiration and cleaning / descaling
- Pressure Systems Regs, Compressed air regs
- Green house gas emissions

### Noise
- Compressed Air
- Environmental Protection Act, Noise at Work Regs
- Pollution of local environment
- Measure Monitor and control

### Contractors
- Mechanical, electrical, waste, cleaners, general
- HSWM regs
- Waste, noise, pollution

### Notes
- Unpacking, disposal and protection of product
- Producer Responsibility Obligations and End of Life Directive
- Depletion of natural resources and Landfill
- Licensed Recycler / waste separation options
- Improve separation / continue to reduce to Landfill