

C4 Impact on the environment

a) Potential significant local environmental effects:

We don't believe there are any significant local environmental effects from our process. It has been operating for several years now without complaint or visible emissions.

The following potential impacts have been identified and mitigated through control measures

Environmental Impact	Mitigation Measures	Potential Effect
Air Quality (from VOC and di-isocyanate use)	Closed systems.	Not significant
Odour	Enclosed system -LEV	Not significant (no complaints)
Waste Generation	Controlled disposal and recycling practices Under Waste code 17,09,04 & 17,02,01	Not significant
Waste (odour)	Waste drums sealed. Cured foam does not have an odour	Unsealed Drums can allow VOCs to escape
Noise	Machinery enclosed with in factory	Not significant (no complaints)
Particulates (cutting process)	All Machinery is connected to our LEV System that passes through a filter sock system, then through a rotary valve that distributes the dust into a compactor that produces pellets that go to land fill. In addition, employees are to wear PPE, we also have regular air monitoring tests within the Factory. Our LEV system is inspected by Bureau Veritas under (COSHH) Regulations 2002	Long term Health conditions if exposure measures are not in place.
Particulates (Forming process)	After Foaming a panel employees place the gun in to a box that is connected to our LEV System, when the gun is placed into the box they blast positive air, inside the box there is a flange that collects particles, at the end of the shift all boxes are cleaned from practical build up (FOAM). This ensures no (FOAM) will pass into our LEV.	Not significant

