

B1.1 Description of proposed installation and foreseeable emissions to air.

The installation operates as a vehicle accident repair centre carrying out the repair, preparation and refinishing of motor vehicles. Activities undertaken include vehicle inspection, body panel repair, sanding and preparation, primer application, spray painting, oven baking, polishing and vehicle reassembly. Paints, primers, clear coats, thinners and cleaning solvents are stored and used within designated areas of the workshop.

Spray painting is undertaken within an enclosed, purpose-built spray booth fitted with filtration and mechanical extraction. Paint mixing is carried out in a dedicated ventilated mixing room.

Foreseeable emissions to air include:

- Volatile Organic Compounds (VOCs) from solvent-based paints, lacquers, thinners and cleaning products, however we predominantly use water base paints.
- Particulate matter (paint overspray) generated during spray application.
- Dust from vehicle preparation and sanding operations.
- Exhaust emissions from vehicle movements and workshop equipment.
- Minor odours associated with paint application and solvent use.