

Client: Checkfire Limited

Address: Sir Alfred Owen Way, Pontygwindy Industrial Estate, Caerphilly, CF83 3HU



Checkfire Limited, Unit 10B, Sir Alfred Owen Way,
Pontygwindy Industrial Estate, Caerphilly, CF83 3HU

Application for Bespoke Environmental Permit

Non-Technical Summary




08 July 2025

Our Reference: Checkfire Ltd-Non-Technical Summary-RP09-Final



Waste And Industry Compliance Ltd

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Checkfire Ltd-Non-Technical Summary-RP09-Final

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1 SITE DETAILS

- 1.1.1 This Non-Technical Summary has been prepared on behalf of Checkfire Limited (***the Operator***) for Unit 10B, Sir Alfred Owen Way, Pontygwindy Industrial Estate, Caerphilly, CF83 3HU (***the Site***). The Site location and Environmental Permit boundary are shown on Drawing 'Indicative Site Layout and Storage', DW03.
- 1.1.2 Checkfire Limited was established in 1975 and is a leading supplier of fire extinguishers and high-quality ancillary equipment to trade customers in the UK and overseas. As part of the service to customers, the Operator seeks a bespoke Environmental Permit from Natural Resources Wales (NRW) to authorise the return of fire extinguishers that are out of date or spent or no longer required by customers, so that they can be safely emptied and decommissioned.
- 1.1.3 The Site incorporates an enclosed and roofed concrete block and steel portal framed building fitted with impermeable concrete floor throughout. The building is fitted with a roller shutter vehicular access door and a separate pedestrian access door. An external yard in front of the building comprises a combination of engineered concrete and block surface and is used for the storage of packaging waste in a fully enclosed and lidded skip. All packaging waste arises from the supply or return of fire extinguishers to or from customers.
- 1.1.4 The Site is located on the Pontygwindy Industrial Estate, Caerphilly. It is bordered by other industrial units to the west, south and east. Sir Alfred Owen Way is located to the immediate north, beyond which there are further industrial units within the Industrial Estate. The Site is accessed off Sir Alfred Owen Way.
- 1.1.5 The nearest residential properties are circa 145m west on Pantycelyn Drive, 150m west on Herbert Drive, 160m southwest on Lewis Drive, 165m south southwest on Howard Drive, 200m southwest on Dyfed Drive and 200m west on Davies Drive. The nearest domestic properties east of the Site are on Pontygwindy Road, circa 215m from the facility.
- 1.1.6 All wastes received at the Site are off-loaded by forklift truck or manually carried by site operatives into the building for storage, emptying and decommissioning. Wastes are not tipped from lorries or skips. The storage and processing of wastes inside the building will ensure noise and dust are suitably controlled.
- 1.1.7 Fire extinguishers and the media they contain are not odorous. The risk of odour at the Site is considered very low. However, an Odour Management Plan has been prepared for the Site due to the small quantities of packaging wastes that are received as part of the supply and return of fire extinguishers from customers.
- 1.1.8 A lateral drain has been installed inside the building across the entire internal width of the building's roller shutter vehicular access door and pedestrian access door to prevent any possible escape of liquid spillages to the external environment. The drain falls to a dedicated concrete sump. Any accidental spillages or leakage of liquid or foam from IBCs or fire extinguishers inside the building that drains towards the entrance doors would

- collect in the lateral drain then fall to the concrete sump, from where it would be pumped to an IBC inside the building for authorised disposal off-site. There are no drainage outlets inside the building to the external environment or public sewer.
- 1.1.9 There is a separate lateral drain across the Site's external yard, which drains run-off water from the building roof. This drain leads to the Nant yr Aber. Checkfire Limited has installed a manual shut off valve in the external drain, so that in the event of any potentially polluting liquids from the Site entering the drain, they could be prevented from draining into the Nant yr Aber by closing the shut off valve.
- 1.1.10 In addition, a dedicated loading and unloading area has been constructed on the external yard, which comprises impermeable concrete pavement circa 5m x 4m in area, which is kerbed to 3 sides, with the unkerbed side enabling access and egress by the fork-lift truck to load and unload lorries. The external yard naturally slopes from the public highway on Sir Alfred Owen Way to the front of the building. The unkerbed side of the unloading area is up gradient, i.e. nearest the public highway, meaning that any accidental spillage or leakage during loading or unloading would be contained by the kerbed area. In the event that the entire contents of an IBC are accidentally spilt during loading or unloading operations, all the liquid would be contained in the kerbed area and then pumped into a separate and sealed IBC for authorised disposal off site.
- 1.1.11 A high level of site security will be maintained. The building is fully locked and secured outside of operational hours and a comprehensive CCTV system will be installed, so that the Site is monitored on a 24 hour, 7 days a week basis, 52 weeks of the year.
- 1.1.12 An Environmental Management System (EMS) has been prepared for the Site, which sets out how the Operator will manage the facility to ensure a high standard of environmental protection and best practice, see Checkfire Ltd-EMS-RP03-Final. A detailed Dust Management Plan (as well as the Odour Management Plan) has also been prepared for the Site to ensure a high standard of environmental protection.
- 1.1.13 The Site has been designed to meet the requirements of NRW Fire Prevention and Mitigation Plan Guidance – Waste Management. A detailed Fire Prevention and Mitigation Plan (FPMP) has been prepared for the Site, see Checkfire Ltd-FPMP-RP04-Final. The purpose of the FPMP is to minimise any potential risk of fire at the Site.
- 1.1.14 The Site will be managed by WAMITAB (Waste Management Industry Training and Advisory Board) accredited staff to ensure compliance with all regulatory requirements and the conditions of the Environmental Permit. It will also be subject to independent inspections by officers of NRW.

2 WASTE ACCEPTANCE

- 2.1.1 All waste received at the Site will be subject to documented and recorded waste acceptance procedures in line with current legislation.
- 2.1.2 Waste pre-acceptance procedures will ensure that only compliant waste types are accepted. Customers delivering waste to the Site will be required to provide the Operator,

in advance, with all necessary information/documentation to satisfy the requirements of the Duty of Care and the Waste (England and Wales) Regulations 2011.

- 2.1.3 The Operator will check all pre-acceptance documentation and waste testing results so that only permitted waste streams are approved for delivery to the Site. Non-permitted wastes or other unsuitable wastes will not be accepted. Any unsuitable or non-conforming wastes will be rejected from the Site or if inadvertently deposited either reloaded onto the delivery vehicle for off-site removal to the waste producer or suitably authorised facility or else placed in a secure quarantine skip, prior to off-site removal.
- 2.1.4 All wastes will be visually inspected upon deposit as a further measure to ensure that only authorised wastes are accepted.
- 2.1.5 The Site records will be kept of each waste load received and dispatched from the Site. Records will be available for inspection by NRW.
- 2.1.6 A copy of the Environmental Permit, EMS, Dust Management Plan, Odour Management Plan and FPMP will be easily accessible by staff members or contractors. Contractors will be briefed on the sensitivity of the Site and will require a site induction to maintain the high standards of operation required.

3 SITE INSPECTIONS

- 3.1.1 The Site will be inspected on a daily basis by either the Site Manager or a trained site operative. The purpose of the inspections will be to ensure the Site is fully compliant with the requirements of the Environmental Permit, EMS, FPMP, DEMP and OMP.
- 3.1.2 In addition, a detailed weekly and recorded site inspection will be undertaken by either the Site Manager, the Operations Director or other Technically Competent Person. The weekly inspections will include a review of the site entrance and external yard, concrete pad, general site cleanliness and sweeping of storage areas (including corners) and other operational areas, waste processing plant, site drainage (including drains, concrete sumps and cut off valve, loading area and kerbing, fire prevention and control system, litter, odour, dust, mud and dirt, site security. The recorded site inspections will ensure a high standard of compliance is maintained and that all local residents, businesses and areas of amenity are suitably safeguarded.