

Fire protection Plan- Dinnington Branch

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Site details

Site name: Safety Kleen Dinnington
Site address: Todwick Road Industrial Estate, Bookers Way, Dinnington, S25 3SH
Operator name: Safetykleen International

Who this plan is for

This plan is for all workers, staff, visitors and contractors at SafetyKleen Dinnington, and to ensure compliance with all relevant legislation and guidance.

The purpose of this fire prevention plan is to eliminate and control the causes of fire, prevent loss of life, damage to property, damage to the environment and to comply with applicable laws, regulations and good practices pertaining to fire prevention.

Safetykleen is committed to minimizing the threat of fire to all employees, visitors, contractors, members of the public and property.

Safetykleen management will provide adequate controls to ensure a safe workplace, provide resources and training to its employees to encourage fire prevention and the safest possible response in the event of a fire emergency.

Site Description-

The site consists of a single storey warehouse units with two story integral offices and amenity block. The unit is constructed of brick/breezeblock, with aluminium cladding on a steel framework. The site is accessed through the office reception area. Safetykleen Vehicle access to the building will be through roller shutter doors.

The waste storage areas are located inside the building on a surface of impermeable concrete construction and also in the bunded yard area.

Activities on Site-

Wastes are delivered to site by Safetykleen UK Ltd leased vehicles, under waste carrier's registration CBDU89939. There are some national account customers, who deliver a minimal amount of waste streams to site.

In these instances, Safetykleen will ensure total legal compliance is adhered. Waste collection and clean material deliveries are typically performed by Safetykleen U.K leased vehicles. In the event of a Safetykleen U.K leased vehicle is not available, an approved waste carrier will be used.

The site operates as waste transfer station for hazardous and non-hazardous industrial and commercial wastes.

The following waste management operations will be carried out at this site are:

- The consolidation and bulk storage of kerosene based wastes.
- The consolidation and bulk storage of non-hazardous aqueous solutions
- The storage of hazardous and non-hazardous industrial wastes in UN approved containers prior to onward disposal or recovery.

The above operations will lie within the following 'D' and 'R' classifications derived from the Waste Framework Directive 2008 (as amended).

R13 – Storage of wastes pending any of the operations R1 to R12



R12 - Repackaging prior to submission to any of the operations numbered R1-R11

D14 – Repackaging prior to submission to any of the operations numbered D1-D13

D15 – Storage pending any of the operations numbered D1 to D14

Types of combustible materials

Combustible waste

Combustible wastes are mainly confined to flammable liquids and solids accepted as waste, received and stored in packages up to 1000L.

Flammable kerosene-based waste is received on site in packages of between 25 and 200L and decanted via ATEX rated pump into a 36000L bunded tank.

Other flammable wastes are received in drums or IBC's up to 1000L. They are not bulked or treated in any way on site. They are stored in original containers, unless found to be damaged, and sent offsite for final recovery or disposal. They are stored either undercover or in the open, in sealed containers, within our storage system. Each storage bay is individually bunded and any escaping liquid from a leak cannot react or combine with other wastes from adjacent or other storage bays.

WEEE and WTEE are accepted on site, in small quantities, but not stored in piles. They are either stored on pallets or in containers up to the size of a pallet. The maximum storage on site is 20T although waste storage is usually much lower than this. Any damaged WEEE or WTEE identified upon arrival is prioritised for removal for onward recovery. No treatment, blending or processing of WEEE or WTEE occurs on site. All WEEE and WTEE is kept under cover, in line with appropriate measures for storage of such wastes. Maximum storage of WEEE and WTEE is 24 pallet spaces currently.

No large amounts of other combustible wastes are accepted at Dinnington. Packaging is usually plastic or steel drums. Pallet storage is kept to a minimum, only a small number of wooden pallets are stored on site, other than those holding drums in storage.

Persistent organic pollutants

The only wastes containing POP's potentially on site are waste electrical and electronic equipment (WEEE) and Waste temperature exchange equipment (WTEE). These are assumed to contain POP's unless proven otherwise, in accordance with EA guidance. No other POP's waste is accepted.

Other combustible materials

Also stored on site is clean kerosene product, (known as D60 Petrosol) for supply to customers, contained in another 56000L bunded tank, and other flammable liquids such as Mineral spirits, which are stored on site in containers up to 1000L, for decanting into between 25 and 200L containers for supply to customers. These are not waste products.

Using this fire prevention plan

Where the plan is kept and how staff know how to use it

This plan is to be kept on the company intranet system, on the Evotix system. A copy will also be available on site for staff to read as needed.

This FPP will be reviewed by site on an annual basis, or if there is a meaningful change in site operations or layout, after a significant event, or if there is a major change in guidance or legislation.

Testing the plan and staff training

All staff undergo extensive training, both at induction and ongoing through our LMS system which staff are asked to complete the Fire Safety and Evacuation training annually. Safetykleen operates under a competence management system (CMS) which covers all operational waste parts of the business. Fire extinguisher, fire marshal and stock control training all form part of the CMS training for all relevant staff.



6 monthly fire evacuation drills are carried out on site, as well as spill training to reduce the likelihood of any spillage of flammable liquids and to train staff on the proper and timely response to any incident.

Spill training and drills are carried out on site on a periodic basis, the results of which are documented on the Evotix system.

Fire prevention plan contents

Activities at the site

The main waste activities on site are the storage of hazardous and non-hazardous wastes, palletised in packages between 25L and 1000L. These arrive by Safetykleen leased or owned vehicles, from a wide range of customers. Much of the waste arriving on site is from our customers, who we have supplied parts washer chemicals to, with the waste being either solvent based (kerosene or paint thinners based) or aqueous (mild alkaline solutions) in between 25L and 200L containers. These containers may be bulked via a pump into our 36000L tank (one for Kerosene based waste, one for aqueous) for storage prior to being taken off site by tanker for onward recovery/disposal.

All other wastes are stored on site and prepared for onward disposal or recovery. No other repackaging or treatment occurs on site, other than because of a failure of packaging or spillage. Waste leaves site either by truck as packaged waste, or if taken from the tanks, on a vacuum tanker which fills from one of the tanks. The tank loading area has an earthing point to prevent the buildup of static during loading or unloading of the tanks.

Oils (mostly engine oil) are taken from site in tanker also, after being bulked up by tanker from 200L drums and 1000ltr IBC's at point of removal.

A subsidiary activity is the blending of products to produce chemical mixtures for parts washing machines. No wastes are used in this process. The majority of this is using non-flammable detergents at low (1-5%) concentrations in aqueous solution.

Fire Prevention Measures

The warehouse is constructed of non-combustible materials, which will minimise fire spread through the building. It is a steel and concrete building, with a corrugated steel roof.

There will be a significant substance inventory on site in a variety of UN approved containers. The materials include solids and liquids, which typically range from inert to flammable. All waste streams and products are stored in the appropriate segregated area to ensure that no adverse reactions will occur during storage. An up-to-date drum log of all products and wastes on site is kept on the central IT system, which can be accessed and provided to the emergency services in the event of an emergency.

The company operates with rigorous standards and procedures that will prevent both damaged packages and the receipt of unsuitable packages of hazardous materials being returned to site. All spillages are dealt with promptly and the company maintains a large supply of spillage absorption materials on site. The storage areas will be inspected daily by site management. A formal documented inspection of the whole site, including the office block & welfare facilities will be carried out once a week. Housekeeping standards forms part of the inspection.

The offices are cleaned on a regular basis. Bins are emptied and there will be no significant accumulation of dust.

All office furnishings conform to all relevant fire safety standards.

General waste materials are deposited in commercial waste bins with hinged lids, which are sited outside in the yard area. The lids on commercial waste skips are maintained closed at all times. Bins are collected twice weekly by an external waste contractor, to prevent buildup.



Smoking is not permitted inside the building. There is a designated smoking area outside of the permitted site.

There are no cooking facilities on site other than a microwave and toaster in the welfare area of the office.

Due to the potential for storage of flammable liquids, certain areas of the facility are classified as Zone II areas under the DSEAR regulations. The use of mobile communication devices or any other non-intrinsically safe items are prohibited in these designated areas. See Appendix A site plan for areas of DSEAR zone II.

Signs are erected to indicate 'no smoking'. A smoking shelter is used by staff outside the permitted area and away from any waste materials.

All portable equipment is subject to PAT testing. A register of electrical equipment and PAT test records are maintained on site.

Zone II areas are highlighted with signage and floor markings. All special requirements will be communicated to staff, including new starters during their site induction. The facility is inspected daily. UN approved containers are used to transport and store wastes.

No non-ATEX fixed electrical or mechanical equipment is sited in Zone II designated areas.

The site is unoccupied outside operating hours, reducing personnel exposure. However, the plan is designed to protect employees, emergency responders, neighbouring occupiers and members of the public in the event of a fire. It is expected that final inspection of the site prior to closure of the branch at the end of each day would identify any problems.

Daily and weekly site inspections are carried out on site by the branch manager (BM) or facilities and compliance expert (FCE). This includes visual inspection of all storage areas, the building infrastructure, bunds and firefighting equipment. These inspections are recorded on the Evotix system, and any issues documented and dealt with in a timely manner.

Site plan

Site plans are found in Appendix A, showing where fire extinguisher locations in the yard are, and spill kit station locations. There are a mixture of Foam, CO2 and Powder Fire extinguishers on site to deal with small, localised fire. A plan is also provided detailing the waste storage locations on site.

Sensitive receptors near the site

To the direct north of the site is a lake. The site is located on an industrial estate with a range of businesses and properties within 500m, including a children's play location. The nearest residential property is approx. 400m from the site. The site is not located in any area of SSI or near any areas of specific sensitive receptors as listed on the environment agency MAGIC map.

Manage common causes of fire

Arson

The building has fencing around the entire perimeter of the site to prevent access out of hours. There is an intruder alarm on site which is monitored offsite. In the event of an activation the registered keyholder will be contacted, and in cases of a fire being detected, the keyholder will attend site to confirm and emergency services are then called. CCTV is also sited around the site for security purposes, which is recorded in a central location on site. CCTV is monitored off site out of hours, and there are audio horns fitted.



Plant and equipment

The main plant on site is a small number of electric forklift trucks (FLT's), all of which have "Pyroban" systems fitted to ensure the FLT stops if a flammable atmosphere is detected by the system, bringing them up to ATEX rated standard. Forklift chargers are in DSEAR zone 2, meaning they have additional passive ventilation added to mitigate the risk of hydrogen buildup. Any items of plant equipment e.g. a fork truck, compressor and vehicles will undergo both daily and weekly checks to ensure they are in a satisfactory state. A robust planned and reactive maintenance system is in place, logged centrally as well as on site on the corporate systems. All Safetykleen vehicles are fitted with fire extinguishers compliant with ADR standards.

Electrical faults including damaged or exposed electrical cables

Electrics certification

The fixed electrical system of the site is checked by an external company every 3 years, and any C1, C2 or C3 improvements are performed within the timescales given. Evotix is used to track all recommendations to ensure they are closed out in a timely manner.

Electrical equipment maintenance arrangements

All portable electrical items are tested annually by a competent external company.

All electrical equipment is included in our site register, and planned preventative maintenance carried out on all equipment, electrical or otherwise, to minimise the risk of any incident.

Discarded smoking materials

Smoking on site policies

Smoking is not permitted in the building. The smoking area is away from all waste materials, outside of the permitted area, and suitable smoking detritus bins are available to prevent litter and ignition sources.

Hot works safe working practices

Safetykleen operates a permit to work system, and any hot works would come under this. In the event of a hot work being required, full risk assessment and method statement (RAMS) would be obtained before the work commenced, and any combustible materials removed from the area. Fire watchers and other fire control measures may be used if the risk assessment deems them necessary.

Industrial heaters

Use of industrial heaters

No industrial heaters are present at Dinnington. The only heaters present are small wall heaters present in the offices, and an electric water heater. No gas supply exists in the building.

Hot exhausts and engine parts

Fire watch procedures

Fire watch will be used in the event of hot works taking place, this would be part of the permit to work system.

Ignition sources

Ignition sources are kept to a minimum on site and away from flammable wastes. There are DSEAR rated zones on site, at which all applicable ATEX rated electricals are installed. Staff are trained in which areas they cannot use non ATEX rated electrical equipment.

Forklift charger areas are rated as DSEAR zone 2 when FLT's are being charged and signed accordingly.

Batteries

All waste batteries are stored undercover.

Waste batteries except for the below are stored in non-combustible packages up to 200L drums.



Waste lead acid batteries are stored in non-combustible containers up to an 800L battery box, transported and stored in accordance with carriage of dangerous goods regulations. These are also stored under cover to prevent any liquid ingress.

No electric vehicle batteries are accepted. Small Lithium and lithium-ion batteries are only accepted if packed in accordance with ADR regulations. Stocks of such batteries are kept at a minimum and prioritised for onward transfer. Maximum size of container containing such batteries is a 50ltr drum, plastic lined with a non-combustible material (vermiculite or similar) packing material used to prevent excessive movement within the container.

Any damaged or compromised packaging containing batteries will be placed in a over drum.

The maximum storage of all types of batteries is 24 pallets; however it would usually be much lower, and only 1-2 pallets of lithium batteries would be on site at any time under normal operating conditions.

Leaks and spillages of oils and fuels

All waste storage areas are within the building and yard in bunded areas. The capacity of the bunded area will be 110% or greater than the largest container stored within the bund. Concrete joints are sealed using a suitable resin.

The 56,000 litre tanks for the storage of waste mineral spirit are contained within a concrete bund of 110% capacity of the largest storage tank. The storage tanks have a level control with high level alarm with a shut off valve for the delivery pump to prevent the possibility of overfilling. The maintenance of the tanks and allied equipment is included in the branch planned preventative maintenance programme. Visual checks of the bund and tanks are carried out as part of the daily checks by the FCE or Branch Manager.

The integrity of containment, bunds and tanks are inspected and documented bi-annually. Any minimal repairs are undertaken immediately. Any major deterioration of any joints would necessitate the appointment of a third-party specialist company to carry out the repairs in the shortest possible timescale.

Any spills will be cleaned up immediately and reported using Evotix. Emergency spill kits containing universal absorbents are kept on site and restocked immediately after use. Chemical, Oil and fuel spill kits are also available around the site in strategic locations. Spills will be cleaned up in accordance with the spill response procedure.

Any containers that are, in the opinion of the competent person, in an unsuitable condition for storage, will be placed in over drums at the earliest convenience. Damaged drums will be moved to an appropriate contained area prior to re-drumming or placing in an over drum. This will be completed before the site is left unattended

Build-up of loose combustible waste, dust and fluff

Suitable litter collection vessels are located on site to ensure that the collection of litter generated on the site remains in control of the site staff. Lightweight domestic type waste would not be routinely stored at the site.

Waste materials are deposited in commercial waste bins with hinged lids, which are sited outside of the warehouse. The lids on commercial waste skips are always maintained closed.

Branch Management make frequent site inspections to ensure that housekeeping is adequate. Any shortcomings are verbally highlighted to the relevant Supervisor, Operator or Rep who will ensure that they are rectified.

Any observations or actions that cannot be immediately rectified are recorded in the Site Diary or logbook. Such observations and actions are reported to the relevant department so that they can be rectified as soon as possible.

The offices are cleaned on a regular basis. Bins are emptied and there will be no significant accumulation of dust.

Reactions between wastes

All containers utilised by Safetykleen are UN approved and are labelled in accordance with the requirements of ADR and/or CLP legislation, ensuring appropriate segregation where required. Those wastes that originated as Safetykleen product before becoming waste are labelled in accordance with the Safety Data Sheet (copies of which are kept on file at the facility).

The waste storage areas are sited in such a way as to keep incompatible wastes apart. For example, the acid storage area is over 6m from the alkaline storage area. Oxidising agents are not routinely kept on site, but when they are they are kept undercover, and away from flammable and combustible substances.



Waste acceptance and deposited hot loads

As wastes are accepted only in suitable and approved containers, hot loads are not accepted or permitted to be present on site.

All wastes are subject to a robust pre-acceptance procedure to ensure that the waste properties, classification, composition and hazards are known before the waste arrives at the facility. Only wastes with an identified and suitable disposal or recovery route will be accepted for booking onto site, and acceptance will only take place where sufficient permitted storage and processing capacity is available.

All waste received at the site will be accompanied by a consignment note, as required by the Environmental Protection (Duty of Care) Regulations 1991 (as amended) and the Hazardous Waste Regulations 2005 (as amended), where applicable.

On arrival, all waste loads are inspected by a competent and authorised member of branch staff to confirm that the waste is consistent with the pre-acceptance information and accompanying documentation. Any discrepancies identified during the inspection will be managed in accordance with the site's non-conforming waste procedure.

Waste Traceability

The drum labelling procedure adopted by Safetykleen (U.K.) Ltd requires all drummed waste received at the facility to be identified with a unique reference number.

This unique reference enables individual drums to be tracked throughout the waste management process, from the original customer/producer, through receipt and storage at the facility, to the onward treatment, recovery or disposal facility.

This provides a complete and auditable chain of custody for waste received and managed at the site.

Non-Conforming or Unauthorised Waste

If waste is identified as being non-conforming, incorrectly classified, inadequately documented or not permitted under the site's Environmental Permit, it will not be accepted into the normal waste storage or processing arrangements.

The waste will be clearly identified and segregated from other waste streams and, where necessary, placed within the designated quarantine area. The quarantine area will be managed to prevent the waste from being mixed with, or inadvertently processed as, conforming waste.

Where required, the Environment Agency and the customer/waste producer will be informed immediately.

Non-conforming or unauthorised waste will either:

- be returned to the original waste producer/customer; or
- be transferred to a suitably permitted third-party facility for appropriate treatment, recovery or disposal.

Where waste is quarantined, it will normally be removed from site within five working days, in accordance with applicable Environment Agency guidance and site procedures.

A suitable and legally compliant disposal, recovery or treatment route will be identified and arranged by site management.

Any waste found to be non-conforming will be segregated and either stored within the designated quarantine area for up to five working days or transferred to the appropriate storage area where this is safe, lawful and appropriate, pending a decision from the waste producer/customer.

Following consultation with the customer/producer, the available options will be confirmed. The customer may elect to have the rejected waste returned to their premises, or Safetykleen (U.K.) Ltd may arrange its safe transfer to a suitably permitted third-party treatment, recovery or disposal facility.



All decisions, actions and movements relating to non-conforming waste will be documented to maintain a clear audit trail from identification through to final resolution.

Hot and dry weather

In the event of a high temperature weather period, then more frequent monitoring of the storage areas would be undertaken.

Prevent self-combustion

General self-combustion measures

It is not likely that any self-combustion would occur with the waste types being accepted however the following measures are put in place.

Manage storage time

Method used to record and manage the storage of all waste on site

All storage is logged on our internal drum log system. This contains the waste type, length of storage and links to the technical information stored on our waste management system. Waste is aimed to be on site for no more 28 days, however due to operational reasons this may not always be possible. No waste is allowed to be on site longer than the permitted length of time (6 months for most wastes apart from WTEE, aerosols and oxidiser wastes, which can only be on site for a maximum of 3 months.)

It is part of the daily FCE check to ensure the drum log is up to date, and prioritisation is made of the oldest wastes on site for removal.

Stock rotation policy

As stated above, the oldest stock is prioritised for removal for recovery or disposal.

Monitor and control temperature

Reduce the exposed metal content and proportion of 'fines'

Not applicable- No waste is stored in piles, no fines are produced or accepted on site, and no shredding or other treatment of wastes is carried out.

Monitoring temperature

Not applicable- No waste is stored in piles, no fines are produced or accepted on site, and no shredding or other treatment of wastes is carried out.

Controlling temperature

Not applicable- No waste is stored in piles, no fines are produced or accepted on site, and no shredding or other treatment of wastes is carried out.

Dealing with hot weather and heating from sunlight

In the event of a high temperature weather period, then more frequent monitoring of the storage areas would be undertaken. Where possible, flammable materials will be kept under cover in well-ventilated areas or in the flammable stores.

Waste bale storage

Not applicable- No waste is stored in bales on site.

Manage waste piles

Storing waste materials in their largest form

Not Applicable- No waste is stored in piles on site.

Maximum pile sizes for the waste on your site

Not Applicable- No waste is stored in piles on site.



Waste stored in containers

Types of containers you are using

Waste is stored in packages from 25L up to 1000L. These are usually constructed of plastic or steel, non-combustible materials and are UN approved for the types of wastes contained within. Occasionally another type of container may be used such as a UN approved tote bag or a cardboard container, but these would also be UN approved for their contents and would be prioritised for removal. Non-UN approved containers are only used for those wastes not dangerous for transport but are sound and secure for transport.

All containers in storage are checked as part of the daily checks, for deterioration, leaks and other issues. Drums on pallets are only stacked a maximum of two pallets high to avoid excessive weight on the bottom pallet of drums, and plastic drums are never used on the bottom row of pallets, as they have a higher rate of failure when weight is applied.

Aerosol containers are currently not stored undercover currently, but they are in sealed drums. As an improvement plan we will be constructing suitable storage in full adherence to appropriate measures for the storage of aerosols, they will still be stored in sealed (vented) drums. Aerosol are currently stored away from all other hazardous and combustible materials.

Accessibility of containers

All wastes are stored either on steel racking in the warehouse, or in rows in bays in the storage areas of site. Suitable gaps between rows of waste are left to allow access for inspection and this would also allow access for firefighting if needed.

Moving containers in a fire

In the event of a fire containers could be moved by forklift truck, as long as no flammable atmosphere exists. It is likely that it would be more suitable to fight a fire in situ rather than remove materials from the vicinity.

Prevent fire spreading

Separation distances

Each waste area is separately bunded to prevent interactions between spilled wastes.

Flammable wastes are stored away from other combustibles, and all cases outdoors.

Fire walls construction standards

It is Safetykleen plan install walls between the outside waste storage bays with a minimum 120 minute fire resistance time. The walls will be constructed of concrete breezeblocks, to a thickness sufficient to give the required fire resistance time.

Storing waste in bays

Each bay is individually bunded to prevent incompatible wastes coming into contact. Daily visual inspections are carried out on all waste storage area including the bays, and waste does not usually stay on site for more than a few weeks (we aim for no more than 28 days) so the possibility of aged waste losing containment and increasing the fire risk is limited. There is a high turnover of wastes being taken offsite, which keeps stocks to a minimum.

The storage capacities of each waste storage area are listed in Appendix B.

In summary, the maximum storage capacity of the site is approximately 900 pallets of packaged waste (we would never actually achieve that due to operational constraints and permit conditions). The tanks of aqueous and flammable wastes would increase that to around 970T.



Quarantine area

Quarantine area location and size

A quarantine area is present under cover for the temporary storage of non-conforming wastes, pending either re-drumming or removal from site. This can hold up to 10 pallets, but is usually only required for 1-2 pallets, as operational needs warrant. This is marked on the plan in Appendix A.

How to use the quarantine area if there is a fire

The quarantine area would not be used in the event of a fire. As we do not store waste in piles on site, it would not be needed for this use.

Procedure to remove material stored temporarily if there is a fire

Operationally and due to the nature of the materials on site, it would not be normally suitable to move wastes in the event of a fire, but to deal with it in situ. It is highly unlikely that any site personnel would be dealing with any significant fire on site, so we would defer to the emergency services in this matter.

Detecting fires

Detection systems in use

A full fire detection system is in place in the warehouse building, linked to a fire alarm system which is monitored out of hours. The fire alarm is tested weekly and serviced in line with manufacturers guidance. All tests are documented on our internal Evotix system.

Certification for the systems

The system is installed, serviced and certified by our fire protection contractor, Argus.

Suppressing fires

Suppression systems in use

No Automatic fire suppression system is in place. Numerous suitable fire extinguishers are present around the buildings and site, and staff have had training in their use. Fire extinguishers are checked periodically by staff, (check in date, check pressure gauges, visual check) and serviced annually by an external contractor (Argus).

Certification for the systems

No Automatic fire suppression system is in place. Numerous suitable fire extinguishers are present around the buildings and site, and staff have had training in their use. See Appendix A for location of Fire equipment.

Firefighting techniques

Active firefighting

Only very small fires would be tackled by members of staff, using handheld fire extinguishers. Training in their use is given to relevant staff, and fire marshals are also trained for their duties. Any significant fire would trigger a site evacuation and the summoning of the emergency services. A full emergency procedure and plan is in place.

The local fire brigade has visited site and is aware of the waste storage locations and types of waste stored, to better prepare them for any fire on site and to expediate its controlling and extinguishing.

Water supplies

Available water supply

There is a fire hydrant approximately 50 yards from the site boundary, for the use of the fire brigade in the event of a fire. This has a minimum of 1500L per minute. There is also a fishing lake next door to the site if required.

Managing fire water

Containing the run-off from fire water



The site is fully bunded so any fire run off would either be intercepted into our drainage system, which is kept closed at all times unless actively discharging to sewer, or kept on site.

The maximum capacity of the site for fire water is calculated at a minimum of 345,000L, so we are confident that the site would be able to contain the runoff from any fire water.

This is calculated from a conservative estimate of the yard being 3251 m², to a site wide bunding of 0.1m. This would be 325.1 cubic metres, or 325000L, plus two 10000L underground storage tanks. This would give enough capacity for over 3 hours of continuous flow of water at 1500 litres per minute, which is the expected hydrant flow rate, and firefighting expectations for a blaze on site.

During and after an incident

Dealing with issues during a fire

Safetykleen has several branches and work with several 3rd party waste sites around the UK to which incoming wastes can be diverted in the event of an emergency.

Notifying residents and businesses

The site is located on an industrial estate, in the event of an incident, all local businesses would be informed of the fact.

Clearing and decontamination after a fire

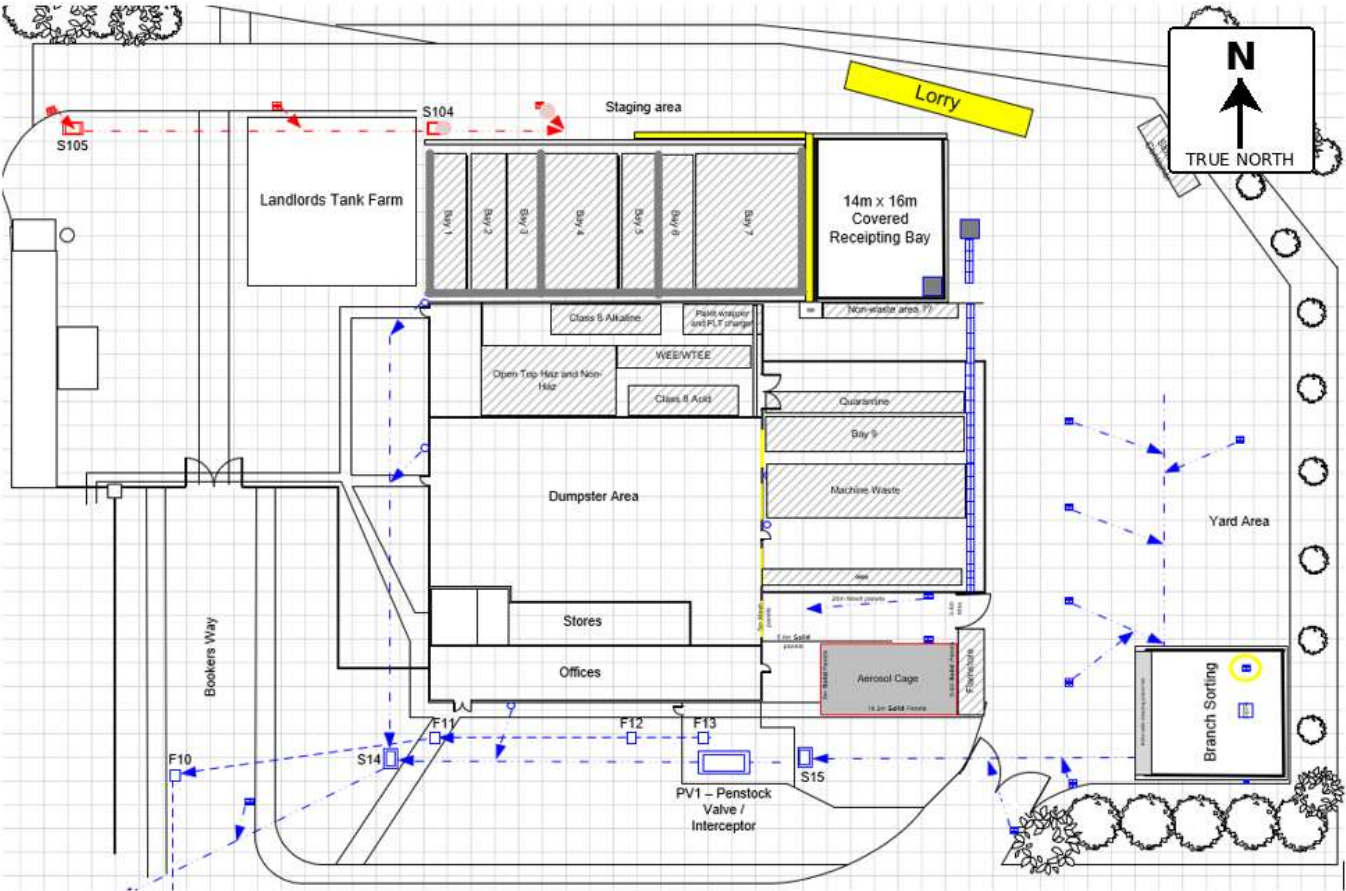
After an incident Safetykleen would remove any undamaged containers and consign them to an approved 3rd party disposal/treatment facility. For a full site decontamination, Safetykleen would engage the services of one of our approved 3rd party contractors e.g. Ambipar.

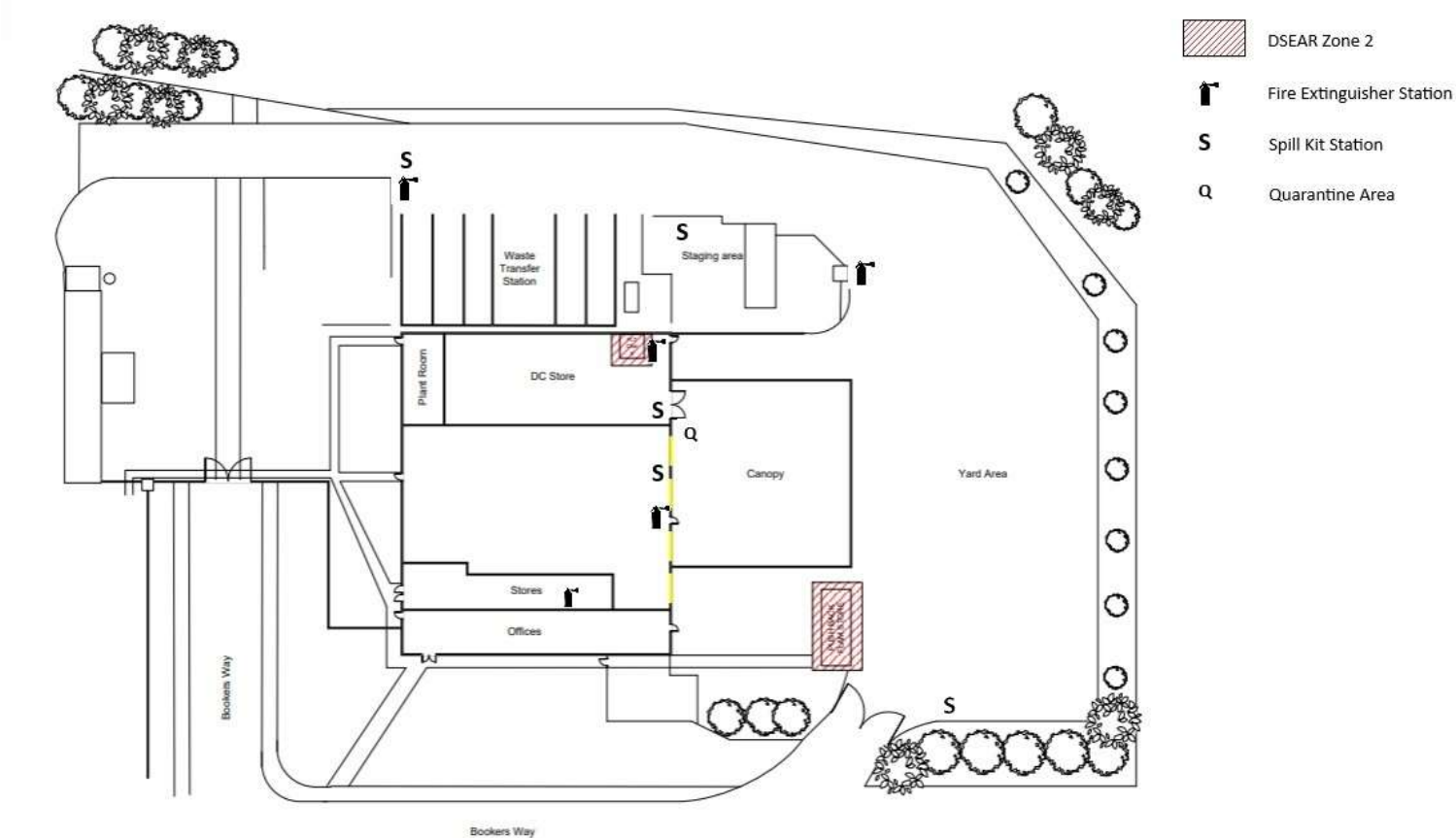
Making the site operational after a fire

After the events of an incident, the site would only become fully operational with the agreement of all governing bodies possibly including the EA, local fire authority and health and safety executive, as appropriate.



Appendix A- Plans of Site





Appendix B- Site Storage Capacity

1	CLASS 3 LOW HAZ	48	PALLET
2	CLASS 3 LOW HAZ CLASS 9	48	PALLET
3	CLASS 3 LOW HAZ CLASS 9	48	PALLET
4	CLASS 3 TFS ONLY	96	PALLET
5	CLASS 3 LOW HAZ LIQUID	48	PALLET
6	CLASS 3, 4	48	PALLET
7	NON / LOW CLASS 8 ALK	176	PALLET
8	NON / LOW HAZ LIQ / SOL	80	PALLET
9	NON / LOW PACKAGING WASTE CLASS 3 CLASS 9	96	PALLET
10	CLASS 2	24	PALLET
11	WTEE / WEEE	24	PALLET
R1	CLASS 8 ALK	18	PALLET
R2	CLASS 8 ACID	18	PALLET
BAT S1	BATTERY STORAGE	12	PALLET
Q	QUARANTINE	18	PALLET
GRN	GOODS RECIPTING AREA	98	PALLET

