PREMIER TYRES

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End of life tyre collection and recycling service

PERMIT NO: EPR/

SITE ADDRESS: Premier Tyres, Unit B (B1 & B2) Atlantic Works, Oakley Road, Southampton, SO16 4LL **DOCUMENT REFERENCE NO:** PT-FPP-V1

PREPARED FOR: Alan Skinner Trading as Premier Tyres

DATE: 08/08/2025

FIRE PREVENTION PLAN

Version 1.0

SETTING OUT REPORT

This Fire Prevention Plan document has been prepared by Enviroawards Limited on behalf of Alan Skinner (the Client) for the preparation and submission for an Environmental Permit in support for the legal operation of an End-of-Life Tyre Reycling Facility. A high level of skill, care, attention and diligence, taking account of the timescales and resources devoted to it by agreement with Premier Tyres as part or all of the services it has been appointed by the Client to carry out. It is subject to the terms and conditions of that appointment.

Information reported herein may be based on the interpretation of public domain data collected by us and/or information supplied by the Client and/or its other advisors and associates. All information and data have been accepted in good faith as being accurate and valid.

This document may contain information of a specialised and/or highly technical nature and the Client is advised to seek clarification on any elements which may be unclear to it.

Information, advice, recommendations and opinions in this document should only be relied upon in the context of the whole document and any documents referenced explicitly herein and should then only be used within the context of the appointment

Fire Prevention Plan

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1. Fire Prevention Objectives

Sites that store combustible wastes are at risk from fires on sites. These events can pose an environmental risk to receptors off site, both from the smoke plume from the fire and from the firewater runoff created by any firefighting activities. Sites storing combustible materials such as End-of-Life tyres are required to have in place a fire prevention plan that follows the standards prescribed in the Environment Agency's (EA) guidance documents – updated 11th January 2021

This fire prevention plan has been designed to meet the following three core objectives:

- Minimise the likelihood of a fire happening;
- Aim for a fire to be extinguished within 4 hours; and
- Minimise the spread of fire within the site and to neighbouring sites.

This is a working document and will be reviewed and updated, in consultation with the Environment Agency (EA) on at least an annual basis, or immediately after an incident or a change to operations.

2. Proposed Operations

Premier Tyres is tyre recycling business operated at Unit B Atlantic Works, Oakley Road, Southampton, SO16 4LL. The site currently makes use of a registered waste exemption, but due to the reforms the operator will require an Environmental Permit to continue its operations. The Environmental Permit will be applied for by an individual and not a Limited Company. The individual is named on 'Part A About You' application form. The individual has no relevant convictions. The site accepts End-of-Life Tyres from various locations, but mainly from tyre replacement businesses. The operator has its own fleet of lorries which is operated under a restricted O-License. Once the End-of-Life Tyres are brought back to the facility, the tyres are offloaded and immediately bailed pending export. The operator also grades, but this is not always carried out. The operator does not advertise as an 'open tip', and only accepts waste into the site that has been collected by their fleet. The Technically Competent Manager will be Alison Skinner. The appropriate qualification has been registered for. The qualification will be completed within the grace periods set by the Environment Agency.

3. Who This Guidance Applies to

The EA's Fire Prevention guidance applies to this site as the operator stores combustible waste; the combustible wastes include non-hazardous waste End-of-Life Tyres as detailed within this document.

4. Who This Guidance Does not Apply to

The Environment Agency guidance document does not apply to materials or waste that are; flammable; combustible liquids or gasses; hazardous; or dangerous substances stored under the Control of Major Accident Hazards Regulations. The guidance states that these materials should still be considered within the fire prevention plan because of their potential to increase the impact of fire on site. Therefore, the following materials are considered within this plan:

Type	Storage Location	Storage Features
DERV	Not Stored on site	Not Applicable
Maintenance Fluids/ Hydraulic Oil/ Engine Oil	See site plan (appendix 1)	1x 20L Drum Adblue 12x Grease Cartridges 3x Aerosol Cans for chain lubrication 5x Aerosol Cans of WD40

It is unlikely that non-permitted waste will be accepted into the facility and present a hazard.

5. Types of Combustible Waste

The types of combustible waste stored on site are limited to:

Waste Code	Description
16	Wastes not otherwise specified on the list
16 01	End-of-life Vehicles (except 13,14,16 06 and 16 08)
16 01 03	End-of-life-tyres

The site will be permitted to store the following quantities:

Table D - Permitted waste quantities	
Annually	No more than 21000 Tonnes
Any one time	No more than 100 Tonnes
Duration	No longer than 3 months

The location and dimensions of the combustible wastes stockpiles are presented within the waste table (Appendix 4)

The Site is permitted to accept single waste streams which is the only type required as input for its operations (as listed above).

6. Using the Fire Prevention Plan

This fire prevention plan forms part of the Operator's Environmental Management System. This fire prevention plan is a standalone document – it contains all relevant information, site plans and information to be used in a time of emergency. A copy of the fire prevention plan is stored within the site office in a clearly marked Red Folder, the site file is marked 'FIRE PREVENTION PLAN AND EMERGENCY ACTIONS'.

All site staff will be able to access the site file at all times, including during an incident. All staff and contractors working on site will be instructed on the content of the fire prevention plan and what to do to prevent a fire occurring, including what to do during a fire if one occurs.

All staff will receive training on the fire prevention plan. The Premier Tyres will undertake regular exercises to test how well the plan works and they will make sure that the staff understands how to respond

Table (1) below outlines the schedules that will be carried out on site:

All new site staff and contractors (and existing site staff and contractors when the plan is introduced on site)	To be trained on the fire prevention plan and emergency actions during site induction
Existing site staff and contractors	To be trained on the fire prevention plan and emergency actions during the first week of the site becoming permitted (due to the site only operating under an exemption) and every 6 months (on the nearest practicable date to the 1st of the month)
Site Managers to carry out a fire drill and test the fire prevention plan and emergency actions	Every 6 months (or the nearest practicable date to the 1st of the month)
Site TCM and Site Manager	Annual review each year, or earlier if in a response to an incident or change in operational procedures

In addition, The following three individuals are trained as Fire Marshals:

- Alison Skinner
- Alan Skinner
- Marc Dent

Fire Marshall training certificates are included Appendix 8

There is always at least one Fire Marshal present on site during operational hours, and the site operates with on a minimum ratio of at least one fire marshal per 5 employees. The procedures for fires discovered on site are provided both in Premier Tyres Fire Prevention Plan (FPP), Environmental Management System (EMS) and on-site notice boards.

7. Fire Prevention Plan Contents

This Fire Prevention Plan ensure that Premier Tyres will do all that is reasonable to prevent fires on site. The plan forms part of the broader written management system and includes an assessment of the sites fire risk and the measures in place to prevent, detect, suppress, mitigate and contain fires, including any run off through the use of fire water. The Fire Prevention Plan will be intrinsically linked to the sites operations and will provide the most robust set of actions required to protect the environment, human health, and all identified sensitive receptors from foreseeable fire risks.

8. Site Activities

The activities that can be carried out under the bespoke permit for storage and mechanical treatment of end-of-life tyres for recovery are:

Permitted Activities	
Description of Activities	Limits of Activities
R3 – recycling and reclaiming organic substances which are not used as solvents R4 – recycling and reclaiming metals and metal compounds R13 – storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	**(a)** No more than 21,000 tonnes of waste shall be accepted each year **(b)** No more than 100 tonnes of waste shall be stored at any one time **(c)** No waste shall be kept at the site for longer than 3 months

The activities are limited as follows:

(a) no more than 21,000 tonnes of waste shall be accepted each year

(b) no more than 100 tonnes of waste shall be stored at any one time

(c) no waste shall be kept at the site for longer than 3 months

(d) waste treatment is limited to:

- manual sorting
- granulating
- baling
- peeling
- shaving
- shredding
- cutting
- repairing
- retreading

Activities on site currently consist of the receipt, unloading, bailing, and export of End-of-life Tyres. In practice, sorting does not take place as tyres are not often graded. all waste types received are clearly documented, and visually identifiable which allows it to be directed easily to the appropriate part of the site.

9. Site Plans and Maps

The site is located within a small commercial estate. The site location is Unit B1 Atlantic Works, Oakley Road, Southampton, SO16 4LL

The National Grid Reference (NGR) for the site is SU 39087 13854 and the site location is illustrated on the location plan (appendix 3). The site layout is shown on the site layout plan (appendix 1)

The site is located in a mixed-use area. The closest residential receptors lie within Regents Park which is approximately 25m to the east with further properties 90m to the south of Oakly Road and 105m south west of Cumbrian Way. The site has been screened and there are no European sites, Ramsar, Site of Special Scientific Interest or Marine Conservation Zone within 200m of the site. There are no National Nature Reserve, Local Nature Reserve, Local Wildlife Site, Ancient woodland or Scheduled Monuments within 50m of the site. There are no sites that have species or habitats of principle importance (as listed in Section 41 of the Natural Environment and Rural Communities Act 2006) that the Environment Agency considers at risk to this activity within 50m of the site. The site is not within 50 metres of any well, spring or borehole used for the supply of water for human consumption, including private water supplies, or within a groundwater source protection zone 1.

The main access to the site is via Oakley Road which is located approximately 90m to the south of the site.. The surrounding land-use and receptors are identified on Appendix 2 (Sensitive Receptor Plan).

The immediate surrounding land use is described in further detail in the table below:

TYPE OF RECEPTOR	ID #	DESCRIPTION	DISTANCE FROM BOUNDARY (M)	DIRECTION
		SITE		
HUMANS AND PROPERTY	-	Site Workers	On site	-
	-	Site Visitors	On site	-
		COMMERCIAL		
	1	Remaining Units at Former Atlantic Works off Oakley Road	0 m	N, E, S
	2	Superstore off Oakley Road (Tescos)	56 m	WNW
	3	Multiple Units off Victor Street	686 m	ENE
	4	Multiple Retail Units off Auckland Road	689 m	SW
	5	Multiple Retail Units off Regents Park Road	711 m	SE
		RESIDENTIAL		
	1	Residents of Regents Park	45 m	E
	2	Residential Properties south of Oakley Road	90 m	S
	3	Residential Properties south of Cumbrian Way	105 m	SW
	4	Residential Properties north of Oakley Road	294 m	WNW
	5	Residential Properties north of Redbridge Hill	401 m	NNW
	6	Residential Properties north of Romsey Road	482 m	NE
	7	Residents of Maybush	523 m	NNE
	8	Residents of Milbrook	612 m	SSW
	9	Residential Properties west of Wimpson Lane	649 m	ENE
	10	Residents of Shirley	653 m	E
		ROADS & RAILWAYS		
	-	A35	20 m	W
	-	Oakley Road	80 m	SSW
	-	A3057	510 m	NE
		PUBLIC USE		
	1	Oakley Road Allotment Gardens	90 m	SSW
	2	Western Community Hospital	136 m	NNW
	3	Regents Park Community College	177 m	E
	4	Southwells Farm Allotment Gardens	397 m	SSW
	5	Mason Moor Primary School	462 m	WSW
	6	Paignton Road Allotment Gardens	489 m	WNW
	7	Tanners Brook Junior School	574 m	SSW
	8	Broowdale Road Allotment Gardens	749 m	WNW
	9	Newland Primary School	765 m	WNW
	10	Foundry Lane Primary School	826 m	ESE
	11	Shirley Warren Primary School	830 m	NNE
	12	Shirley Pond Allotment Gardens	850 m	NNW
	13	Wordsworth Primary School	943 m	ENE
		RECREATIONAL		
	1	Sports Complex off Oakley Road	263 m	ESE
	2	Shirley Pond Park	760 m	NE
	3	Green Park	826 m	WSW
WATER		**SURFACE WATER**		
	-	Tanners Brook	36 m	E
	-	Shirley Pond	523 m	NE
		GROUNDWATER		
	-	Bedrock Geology - Secondary Aquifer	On site	-
	-	Superficial Layer - Secondary Aquifer	On site	-
ENVIRONMENTALLY SENSITIVE		**DESIGNATED SITES**		
	1	AQMA - Southampton Council No.6 at Romsey Road	396 m	NNE
	2	AQMA - Southampton Council No.5 at Redbridge Road	960 m	SSW
		NON-DESIGNATED SITES		
	1	BAP - Deciduous Woodland off Tanners Brook	10 m	W
	2	BAP - Deciduous Woodland off Clifton Road	228 m	SE
	3	BAP - Deciduous Woodland at Shirley Pond park	504 m	NNE
	4	BAP - Deciduous Woodland off Holly Brook	853 m	NE
		HERITAGE SITES		
	1	Grade II Listed Feature - Entrance Gate at Thorners Care Home	566 m	ESE
	2	Grade II Listed Feature - Drinking Fountain at Windsor Castle (Public House)	708 m	ENE
	3	Grade II Listed Building - The Crown (Public House)	773 m	E
	4	Grade II Listed Building - Church of The Holy Trinity	950 m	SSW

Searches on MAGIC confirmed that there are none of the following within 1km of the site's boundary:

- Areas of Outstanding Natural Beauty (AONB);
- Special Areas of Conservation (SAC);
- RAMSAR sites;
- Special Protection Areas (SPA);

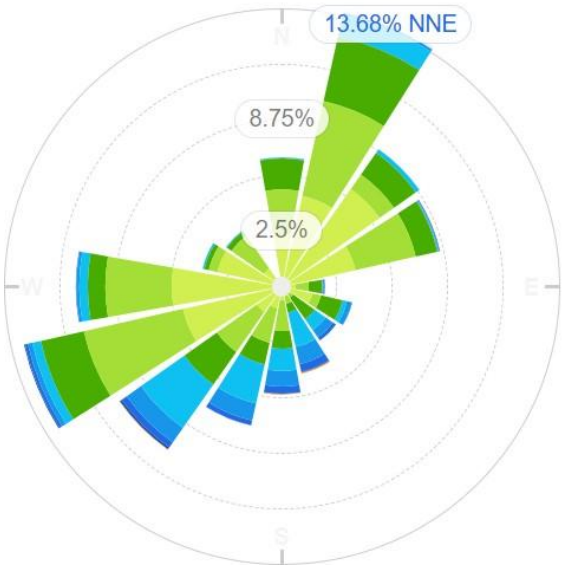
- Sites of Special Scientific Interest (SSSI);
- National and Local Nature Reserves;
- National Trust Properties;
- Woodland Trust Sites; and
- National Forest.

Identified Sensitive Receptors

See Sensitive Receptor Plan (Appendix 2)

Windrose

A windrose providing the frequency of wind speed and direction from the Lee-on-the-Solent Meteorological Station for the period of 5 yearly averages is presented in Figure 4-1 below. The windrose shows that the most prominent wind direction is from the Nort North East. Winds from the North North East are relatively infrequent. Smoke contains a multitude of combustion products including irritants and asphyxiants which are toxic. These toxic pollutants can impact anyone within 1km of the site and in certain circumstances will have an impact on public health at greater distances than 1km. Smoke will have a significant effect on human health, as detailed within the research studies. The fire and smoke would affect the immediate businesses, local houses and the wider industrial and residential areas.



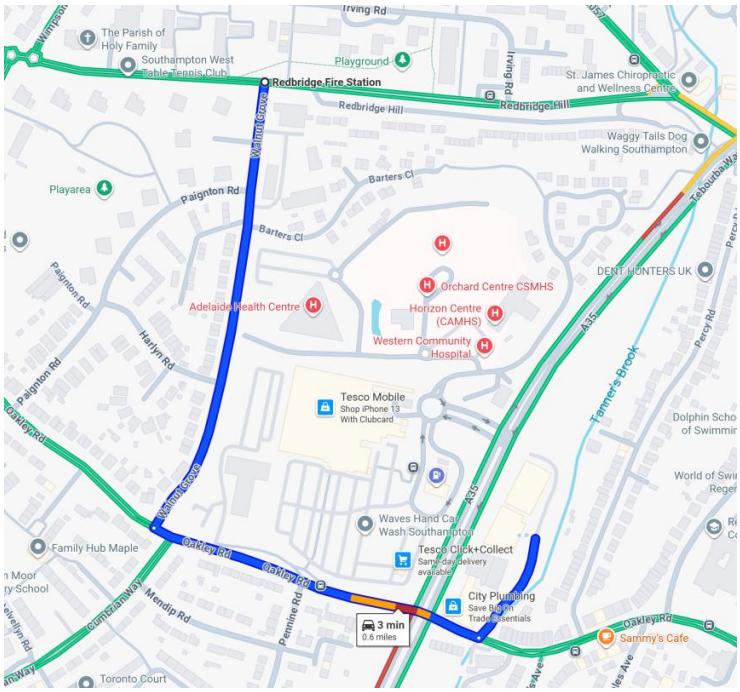
Site Infrastructure Plan

The Environment Agency Guidance states that the site plan must show the following information:

The location and layout of the site buildings, location of fire assembly area, fire extinguishers, fire hose, smoke detectors and PPE storage area. Any areas where hazardous materials are stored on site

(location of gas cylinders, process areas, chemicals, piles of combustible materials, oil and fuel tanks) See Appendix 1.

Main access routes for fire engines to assist firefighting, hydrants and water supplies can be seen below and on Appendix 1



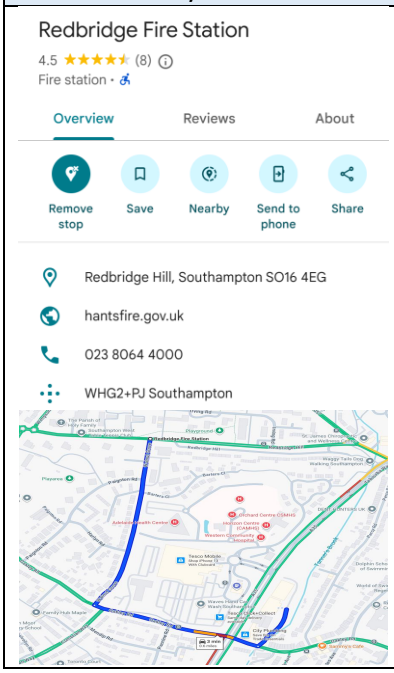
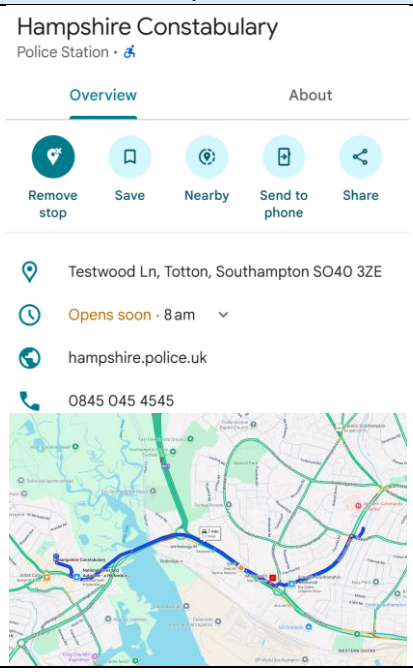
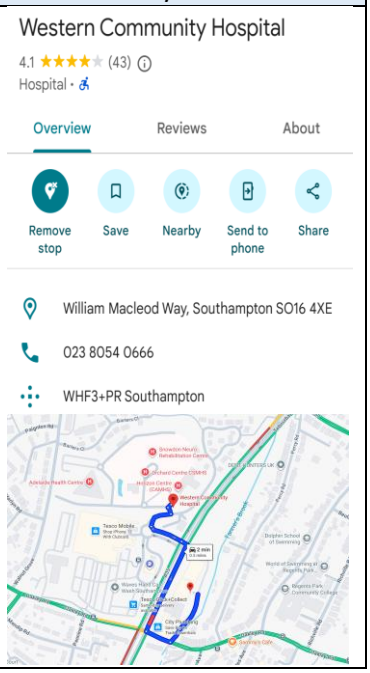
Areas of natural and unmade ground (Appendix 1) shows areas of unmade and impermeable areas.

The location of fixed plant or where mobile plant is stored when not in use. Appendix 1

Drainage runs, pollution control features such as floods gates and other fire water containment systems. Appendix 1 shows Site drainage system, firewater and containment bunding

Storage areas with pile dimensions Including quarantine area can be seen on Appendix 1

Emergency Services:

Redbridge Fire Station 0.6 Miles / 3 min drive	Hampshire Constabulary 2.3 Miles / 7 min drive	Weston General Hospital 0.3 Miles / 2 min drive
		

10. Manage Common Causes of Fire

Arson

The site benefits from a continuous presence of staff during operational hours, currently between 7am to 5.30pm Monday to Friday, and 9am to 1pm on Saturdays. In addition, the site

Security features on site includes:

- 2m high perimeter fencing surrounding the site;
- 2m high perimeter brick walls;
- Main access gate controlled by keyholders on the commercial estate. The gate is secured by a highly sophisticated and commercial grade lock.
- The site is enclosed around the entire boundary
- CCTV systems across the site which is surveillance by businesses across the commercial estate.
- Combustible waste is stored within the buildings and protected from arson attacks (from outside attempts).
- The building is 4 sided and therefore secure from unauthorised access

The main gate is only open during the hours of 7am – 5pm Monday to Friday, and 10am to 5.30pm on Saturday, and 11am – 5pm on Sunday. Outside of these hours, access to the commercial estate is strictly by keyholders only. Any heyholder accessing the site is required to close/lock the gate once they have gained access, and close/lock the gate once they have left.

All visitors and contractors are required to sign in and are escorted by a member of staff. CCTV is accessible and remotely viewable on mobile devices at all times. If a breach in security is detected site operatives will contact the Site Manager and the emergency services as appropriate, both inside and outside of operational hours.

All security measures on site are inspected at the commencement of every working day by site TCM to ensure their continued integrity. Any defects or damages which compromise the integrity of the site security features will be made secure by temporary repair by the end of the working day. Permanent repairs will be made within a maximum of 5 days.

In the event of a breach of security at the site, the cause will be investigated, and appropriate mitigation measures implemented, such as repositioning of CCTV cameras, repair of security infrastructure, and/or additional deterrents. This will be recorded in the site diary. Records maintained include inspections and maintenance of perimeter fencing and gates, doors and locks, breaches of security, investigations and actions taken.

Mobile Plant/Equipment
Mobile plant consists of:

- 2x Forklifts

Mobile Plant is checked daily before use and regularly maintained as part of Health & Safety Procedures and within manufacturer guidelines. Maintenance is recorded in daily and weekly (depending on the maintenance required) and recorded on the plant maintenance sheets. Any faults or problems noted during the daily checks are reported either directly to the manager, or in their absence, the most senior operative so that the problem or fault can be rectified. Again, actions will be recorded using the sites defect sheet. Fire extinguishers are strategically located around the site to ensure that fires can be dealt with swiftly.

Mobile plant will be cleaned down daily to remove dust build up, fluff and any other potentially combustible materials.

Mobile plant that is not being used is kept a minimum distance of 6 meters away from combustible materials. Mobile plant will be fully isolated at the end of every working day. Employee/visitor/contractor vehicles are parked in the designated car park which is located at the front of the site well away from storage and processing areas. The location of mobile plant when not in use can be seen on Appendix 1

Fixed Plant
Fixed Plant consists of:

- 3x Balers

Fixed plant is checked daily before use and regularly maintained as part of Health & Safety Procedures and within manufacturer guidelines. Maintenance is recorded in daily diary (depending on the maintenance requirements) and recorded on the plant maintenance sheets. Any faults or problems noted during the daily checks are reported either directly to the site manager, or in their absence, the the most senior site operative so that the problem or fault can be rectified. Again, actions will be

recorded using the sites defect sheet. Fire extinguishers are strategically located around the fixed plant to ensure that fires can be dealt with swiftly.

Fixed plant that is not being (E.g. at the end of the working day) will be overrun to ensure all combustible wastes are fully discharged out from the plant. This will take approximately 3 minutes and can be confirmed via a visual inspection. Combustible waste will be kept a minimum distance of 6 metres away from all static plant (unless it is being used to process waste). There will be a site clean up at the end of each working day to remove any combustible material (fluff, dust, accumulations) from bearings and motors. Static Plant will be fully isolated at the end of every working day.

Alan Skinner is responsible for all aspects of plant maintenance for safety, preventative maintenance, and fire and pollution prevention.

Electrical faults including damaged or exposed electrical cable
All buildings have been wired by a qualified/certified electrician and daily checks are carried out on all portable hand tools and electricals. Fixed electrical are protected from the operations activities but will undergo a full inspection every 5 years. Fixed electrical certificates are included on Appendix 12

If cables are Identified as damaged, procedures are in place for reporting damage to cables to ensure isolation to these areas. The TCM will be responsible for making these checks and instigating repair works.

Premier Tyres use the following Electrical Services contractors:

- P D Hunt Limited

National Inspection Council for Electrical Installation Contracting
Vintage House, 37 Albert Embankment, London SE1 7UJ.

Certificate of Enrolment

This is to certify that:
P D Hunt Limted was enrolled as an **Approved Contractor** on the **thirtieth day of October 1975.**
Enrolment No 9557

The Seal of the National Inspection Council for Electrical Installation Contracting was hereto affixed in the presence of

Chairman

Director General

Discarded smoking materials
A no smoking policy is enforced on site with clear signage prohibiting it. The designated smoking area is a safe distance away from combustible wastes to prevent accidental ignition. Smoking materials, lighters and matches will not be taken in to the main building. The location of the smoking area is illustrated on Appendix 1 (site plan)

Hot Works

Hot works is not an intended activity for the site, however, If for anything hot works was undertaken (E.g. using cutting equipment for engineering works on the fixed plant) then this activity will carried out in a controlled setting due to it giving rise to sparks and through generation of heat. A permit to work system will be implemented to factor in the risks involved with ignition and heat sources. A fire watch will take place after the hot works is complete. Thermal imaging cameras will be used to detect any residual heat. Once the heat has dissipated, the components will be placed into storage. The permit to work system will dictate what firefighting equipment will be needed. Waste and other combustible materials will be placed a minimum of 15 metres away from any hot works. Heat/spark screens will be erected around the hot works area.

Industrial Heaters
No industrial heaters will be utilised on site.

Hot Exhausts
Vehicles are turned off when not in use and stored within the operational side of the building (where waste is not stored as (illustrated on the site layout plan). There is a distance of at 6m away from combustible waste storage areas. Consideration is given to the high-risk time for hot exhausts (one hour after switching off when dust can settle on hot surfaces). Vehicles are switched off at least 30 minutes before the end of the day, for them to cool down prior to site staff leaving site. They are also cleaned daily to remove any dusty materials. A fire watch is conducted via visual assessment a minimum of twice every working day to detect signs of heat/fire caused by dust settling on hot vehicle exhausts or engine parts. A visual assessment is also conducted at the end of the working day.

The hot exhaust fire checks will be carried out at the following times:

Fire watch visual inspection on plant and exhaust parts (and using heat detection camera on stockpiles)	Date	Time	Actions Taken	Signature
Fire Watch 1		12:00		
Fire Watch 2		16.30		

Sunlight
Due to the possibility of heating of waste by the sun, no wastes will be stored outside in direct sunlight. activities will only take place within the 4 sided building to prevent rain ingress, direct sunlight and to prevent windblown wastes escaping. Temperature checks are taken continuously using the sites static thermal imaging cameras.

Ignition Sources
Potential ignition sources include hot exhausts and engine parts and discarded smoking materials (all described above). All ignition sources will be kept a minimum of 6m away from the storage of

combustible waste and flammable material. A risk assessment will be made on all sources of ignition to ensure that they are required on site or if other items of equipment can be utilised instead (reduce requirement for items which carry inherent risks).

Batteries
The site will not be permitted for the acceptance of waste batteries.
Batteries arising from plant/vehicles are disconnected and removed via maintenance service contractors appointed to maintain the sites fleet and plant. A mobile fitter will attend the site and fit a new battery and take the disconnected battery away.

If plant is not being used for the foreseeable future, to eliminate the risk of the plant short circuiting and causing a fire, batteries from plant will be placed into suitable lidded battery boxes with an acid resistance base. Batteries will be stored upright (contact points facing upwards). if batteries are identified as damaged, they will be isolated away from other batteries of the same chemistries. These batteries (likely to be lead acid) will be stored separately from lithium Ion batteries.

Leaks and spillages of oils and fuels
All lubricating oils/fluids are appropriated stored in a 20 foot shipping container. The site does not store fuels. The container is situated on impermeable surfaces and there are no drainage points located near it. Inspection of any spillages or leaks from containment will be completed at least once per shift by a site operative. The results of all daily and weekly monitoring will be recorded in the site diary, as well as any remedial actions. In the event of any potentially polluting leak or spillage occurring on site following actions will be taken:

- Minor spillages will be cleaned up immediately, using sand or proprietary absorbent. The resultant materials will be placed into containers and will then be removed from site and disposed of at a suitably permitted facility. The incident will be logged in the site diary.
- In the event of a major spillage, which is causing or is likely to cause polluting emissions to the environment, immediate action will be taken to contain the spillage and prevent liquid from flowing outside the EP boundary. The spillage will be cleared immediately and placed in containers for offsite disposal, and the EA will be notified within 24 hours.

All equipment and plant is inspected on a daily basis for leaks.

Build up of loose Combustible Waste, Dusts, and Fluff
The site will be inspected regularly for the build-up of loose combustible waste, dust and fibres. This material will be removed from site on a regular basis, and immediately if near a source of ignition or heat. The frequencies are outlined below:

Inspection to assess the build up of loose wastes, dusts and fluff	Date	Time	Actions Taken	Signature
Loose waste inspection 1		12:00		
Loose waste inspection 2		16.30		

The risk of the build-up of combustible waste, dust and fluff is low due to the following measures implemented on site.

- All incoming waste is off loaded directly into the storage areas to minimise unnecessary handling and transport distance therefore minimising the potential for wind-borne dust;

- All plant and equipment is subject to a programme of planned preventative maintenance which follows the inspection and maintenance schedule recommended by the manufacturer. This includes corrosion prevention where applicable;
- All waste treatment takes place in buildings, minimising the potential for dust emission;
- Waste types accepted onto site are not inherently dusty;
- Site access roads and external operational areas are maintained and swept regularly to reduce dust generation; and
- Daily visual inspection of the site and site boundary is carried out by site personnel.
- Daily site shut down procedure which includes the over running of plant to ensure all materials are discharged and a full clean down proceeds.
- The static plant is electric and will therefore release no emissions

Reactions Between Wastes

The waste storage area will have a separation distance of at least 6m from the building walls and other materials around the site. The location of the storage area is illustrated on Appendix 1. Strict waste acceptance procedures implemented on site ensure that only permitted wastes are accepted. All incoming loads are booked in advance with the manager who records the source and EWC code of the load to be delivered. When the waste arrives on site the waste transfer notes are checked against the received waste, and the weight and description the waste is verified via a visual assessment. The site operates its own fleet and in-house staff are responsible for loading at the clients premises and for offloading at Premier Tyres facility. This adds a layer of control as pre-acceptance / acceptance is always carried out by trained staff who have an understanding of the permitted waste types. Unauthorised wastes will be immediately placed into a quarantine area (and marked with a yellow quarantine sign). The site manager notifies the customer of the non-conforming material within 24 hours of receipt, and where the material is not permitted, arrangements will be made to return the material to the customer at the customer's expense.

The site is single waste stream and does not accept mixed combustible wastes (where non-compliant waste could be disguised) therefore the risk of a reaction between the wastes is negligible. Care will be taken to ensure that any non-conforming wastes found within loads are stored in an appropriate manner; for example, avoiding the storage incompatible wastes such as oxidisers and flammable together. The quarantined wastes will be checked daily as a precaution.

Deposit of Hot loads

No burning, reactive/reacting or visibly hot (producing steam or heat) loads are accepted on site. Each load is visually inspected on arrival to ensure compatibility with accompanying waste transfer notes. Site operatives undertake a visual inspection of the incoming waste for signs of heating such as steam and smoke. This minimises prohibited wastes and the acceptance of hot loads. Should a hot load be deposited on site, it will immediately be removed to the dedicated quarantine area and extinguished immediately. Any fire damaged waste will be removed from site as a matter of priority to a suitably licenced facility for disposal. The site is equipped with thermal imaging cameras which will aid in the detection of hot loads. The quarantine area has capacity to store 50% of the sites largest stockpile.

Storage of Fuel, Oils and Maintenance Fluids

Procedures will be put in place to ensure safe storage of fuels and fluids associated with maintenance. Guidance will be taken from the HSE and the fire and rescue service

Hazardous materials such as maintenance fluids will be stored. All lubricating oils/fluids are appropriated stored in a 20 foot shipping container. The site does not store fuels. The container is

situated on impermeable surfaces and there are no drainage points located near it. Inspection of any spillages or leaks from the containment area will be completed at least once per shift by a site operative. Oils and Maintenance fluids They will be located away from likely sources of ignition, away from the perimeter of the site, away from processing areas and out of the direct line of traffic. Incompatible materials will not be stored together. These materials will not be stored in direct sunlight.

11. Prevent Self-Combustion

The most effective way to reduce the impact from fire on site is to prevent them from occurring in the first place. Managing storage times, pile volumes and height, and the temperature of the wastes can prevent the self-combustion of wastes.

The locations, sizes and composition of the stockpiles are presented within Appendix 4 (Waste Table) and Appendix 1 (site plan)

Self-combustion of waste on site is not considered to be a significant risk due to the short storage times (under normal operational conditions) and because waste is segregated into a single dedicated storage area. All waste is stored within a 4 sided building. Although End-of-life Tyres are combustible, and therefore subject to the requirements of a Fire Prevention Plan, Tyres have a flash point of 288c (under laboratory conditions). Tyres do not ignite easily. A strong ignition source is required to initiate the combustion reaction.

The controls in place to reduce the risk from fire are summarised as follows:

- No loads are removed without an onsite operative in supervision;
- A visual watch is performed as the loads are received and unloaded; and
- Quarantine areas are kept available. Should the wastes be found not to conform during the initial visual inspection, then the details will be recorded, and the vehicle turned away. If wastes have already been discharged and are deemed not to conform or otherwise not be permitted, then the waste will be:
- Removed to a designated quarantine area and marked with a yellow sign; and
- The site manager will notify the customer of the non-conforming material within 24 hours of receipt and arrangements will be made to return the material at the customer's expense

Storage Times
A summary of the storage times for wastes received under standard operations is provided in the table below:

The activities are limited as follows:

(a) no more than 21,000 tonnes of waste shall be accepted each year

(b) no more than 100 tonnes of waste shall be stored at any one time

(c) no waste shall be kept at the site for longer than 3 months

All storage times are detailed in Appendix 4 (Waste Table)

Waste Storage

Incoming End-of-life Tyres are delivered and unloaded into the designated treatment in situ of the baler. Waste tyres are offloaded by hand and immediately placed into the baler. This is standard practice for Premier Tyres to avoid double handling. Waste is therefore not stored pending treatment, it is only stored once baled. The waste is then transported to the other part of the building via forklift trucks. Once there are enough bails for a full load, the site will make arrangements for its collection. The current outlet is via export under article 18 (green list) controls. Premier Tyres are conversant with the requirements to complete an Annex VII document.

The storage area consists of a large 4 sided building which is approximately 40m x 24m. This building is partitioned in the middle. Half the building is used to offload/bale, and the other half is used to store the baled waste. The storage part of the building is approximately 20m x 24m. Due to the size of the building and the storage requirements in terms of volume, the operator will not require fire breaks as the waste will be stored in one single stockpile which is 6 meters away from each side of the building. The waste pile is effectively in the middle as seen in Appendix 1 Site Layout Plan.

Waste tyres can be stored for up 3 months as per the bespoke permit, but in practice the tyres will not be stored for anywhere near this length of time. The forklift truck can be utilised to rotate this stock if needed, however once a full load is prepared, transport will be arranged for its removal so it is not envisaged that stock rotation is necessary. The forklift truck can also be used to access the waste if there was a fire. The forklift will move the waste away from the fire area to prevent the fire spreading.

Premier Tyres can demonstrate that the baled waste is removed from site on a regular basis. The Operator has multiple contracts and outlets to prevent waste being stored on site for an excessive period of time. If a situation evolved where a current outlet stopped trading, the Operator would either transfer their waste to another waste management company (many of whom have a historic working relationship with the Operator). Premier tyres are contracted to an agent who has multiple sites for recovery. Waste diversion and contingency planning will ensure Premier Tyres does not stock excess waste beyond what the permit authorises, or volumetrically as per the table of waste.

Some materials may self-combust, this means that as they degrade through oxidation and they can generate heat, this heat can build to a point where the stack of material can catch fire on its own. These materials as per the EA guidance include End-Of-Life Tyres.

The Operator will put the following operational procedures, to ensure that the waste is not on site for prolonged periods:

- Rejected wastes will be recorded and will be stored within the quarantine area, a record will be kept within the site office;
- Authorised wastes will be processed on site and stored within an appropriate area of site;
- Stock will be treated and dispatched from the site in order of when it arrived on site (although stock that is a potential risk will be removed as priority as outlined above), this is to reduce the risk associated with storing combustible materials; and
- A daily inspection will be undertaken by the TCM. if there is any doubt to the condition of the material, the material will be removed from site as priority;

- A weekly review of the storage times and the stockpiles will be made by the TCM to ensure that all stock is as soon as possible.

It also must be considered that the Operators Fire Prevention Plan is a live document and will be updated throughout the life of the site, and that the updates will detail any increase or decrease of importation quantities and will incorporate the most recent EA's Fire Prevention Plan updates. Any proposals to amend the FPP and associated management system will first be submitted to the Environment Agency for approval.

Monitoring and control temperature

The site is continually manned during operational hours and site operatives remain vigilant at all times and look out for signs of fire. Staff are trained in how to identify fires and fire hazards on site. During operational hours, the temperature of all waste storage is checked continuously via the static thermal imaging cameras which will detect any temperature increase. Any significant findings will be documented in the site diary. If a temperature of above 50°C is detected, the actions described in the table below will be carried out

Temperature (°C)	Actions needed
0 - 50	No Actions Required
50 - 60	Report to management and continue to closely monitor
60+	Immediately remove waste from the stockpile to the quarantine area and report to management.

As mentioned previously, Tyres have a flash point of 288c (under laboratory conditions). Tyres do not ignite easily. A strong ignition source is required to initiate the combustion reaction.

All material storage areas are visually inspected by site operatives throughout the day and all findings are logged in the site diary as a minimum. Should signs of self-combustion be identified such as steaming/smoulder/smoke, the pile will be removed to the quarantine area using suitable mobile plant and supressed to dissipate heat. checks of the affected stockpile will be increased to hourly for the remainder of the day to ensure no further hotspot development occurs.

12. Manage Waste Piles

All incoming waste is accepted and stored within the 4 sided building. The floor is engineered to be impermeable.

The stockpile of waste will be stored in a manner that allows emergency vehicular access to the whole site at all times and will meet the standards for maximum height, width, length, volume, area and separation for fire breaks in accordance with the relevant guidance (11th January 2021 updated edition). The fire break around the perimeter of the building is 6 meters.

Appendix 4 (Waste Table) provides information on the amounts of combustible waste stored on site, as well as the storage arrangement, height, volume, and particle size.

Waste piles must be managed carefully to help to prevent the risk of self-combustion and limit the scale of a fire if one breaks out. Wastes are kept in their largest form which decreases the risk of fire. Waste is not shredded down which would decrease it fraction size it is imperative that these stockpiles are managed to reduce the associated risks.

Under normal operating conditions, waste will be processed within 14 days of receipt on site (although the permit authorises waste to be on site for 3 months). Once the waste has been processed, it is removed from site as soon as possible. The TCM will record how long waste is stored on site for. This ensures that the 'first in first out' principle is applied.

All wastes will be stacked no more than 4 metres heigh. The entire site surface is impermeable. There is no uneven ground beneath the waste.

The stockpiles do not exceed 20m in any direction (max length or width allowed on guidance). The TCM will carry out daily checks to assess the size of the stockpile and the separation distances from the building perimeter to ensure that the dimensions outlined within Appendix 4 are adhered to. When the stockpile reaches the capacity required for a full load, the operator will organise for the load to be collected.

The Operator will not accept incoming wastes beyond the capacity of the pile size; this will ensure that the volume of waste accepted on site can be managed in a controlled and safe manner.

13. Where Maximum Pile Sizes do not Apply

All wastes stored on site must comply with the maximum pile sizes as per the Environment Agency Guidelines

14. Prevent Fire Spreading

Waste is be stored within designated storage areas as illustrated on the site plan (Appendix 1).
6m separation distances between waste storage area is implemented at all times.

Within 4 sided building waste tyres will be stored centrally which means each side of the stockpile is accessible to the forklift

A fire water calculation will ensure there is enough fire water resource to extinguish the largest stockpile of End-of-life Tyres.

15. Quarantine Area

The quarantine area will be used to place burning wastes (if appropriate) to extinguish them. It may also be used to hold unburnt wastes if the burning waste is in another area of site and cannot be relocated to the quarantine area

The quarantine area is located within the permit boundary, as shown on Plan (1) this area is engineered to be impermeable and is fully undercover. The quarantine area is capable of holding 50% of the volume of the largest stockpile on site.

Dependent on the size and location of a fire, the mobile plant on site is capable of quickly clearing an area around the burning waste to provide a flexible quarantine area. The specified quarantine area will be kept clear at all times (unless being used in the event of a fire) If the quarantine area will remain accessible at all times.

In the event of a fire, the following procedure will be put in place:

- During a fire event, the TCM or Manager will inspect the quarantine area.
- Mobile plant will be utilised to move temporarily quarantined material.
- Burning materials or hot waste will be transferred via mobile plant to the quarantine
- The quarantine area has a 6 metre circumference from the site boundary, building and wastes

The location of the quarantine areas is illustrated on Appendix 1 (site plan).

In the event of non-compliant waste being identified it will be immediately moved to the nearest quarantine area and marked with a yellow quarantine sign. The site manager will notify the customer of the non-conforming material within 24 hours of receipt, and arrangements will be made to return the material to the customer at the customer's expense. The quarantine area is illustrated on the site plan. As mentioned previously, the quarantine area can contain at least 50% of the largest waste stockpile. During normal operating conditions to facilitate the dousing of waste with the relevant fire extinguisher/smouldering of waste and the separation of unburnt waste for both waste stored internally and externally. Appropriate PPE would be worn by site operatives. The placement of the quarantine areas is based on the following factors:

- It allows for the prompt and direct removal of smouldering, burning or fire damaged wastes from the waste storage and to allow access by the Fire & Rescue Service (FRS); and
- Proximity to flammable liquids – the quarantine area is situated at least 10m from any potentially flammable liquids on site.

Procedure for using the Quarantine Area

The Site Manager instructs all site operatives when and how the burning waste, or any hot loads delivered accidently to site, will be moved to the quarantine area. The following procedure will be implemented on site:

- When it is safe to do so, the waste will be moved by on site plant to the quarantine area; The movement of the waste will be overseen at all times by the Site Manager or TCM to minimise any spillages and ensure the area is not overfilled;
- To limit any spillages, plant will not be overfilled when moving the waste;
- The burning or smouldering waste will be doused using the relevant fire extinguisher;
- Burnt waste will be taken off site to a suitably permitted facility within 7 days (or sooner depending on WM3 assessment requirements). All site operatives will be trained to follow this FPP and all procedures listed in the above sections

16. Detecting Fires

The site benefits from a fire detection system fitted with smoke detectors and call points linked to the fire alarm throughout the buildings. The specification of the thermal system is included in Appendix

6. The waste storage area is fitted with wireless smoke detectors. If the detection system is activated, the alarm will sound, and site operatives will call the FRS during operational hours. Outside of operational hours, designated staff will be notified via the alarm software which is available on mobile devices of the presence of a fire or extreme heat, and would then call the FRS. The nominated site contacts would be the on-duty Fire Marshal as listed below:

- Alison Skinner
- Alan Skinner
- Marc Dent

Out of hours, The following members of staff are keyholders and would be in attendance of a fire within 5.8 Miles/15 minutes and 1.1 Miles/ 5 minutes respectively:

Key Holder 1 Alison & Alan Skinner	Woodlands Field, The Cresent, Ashurst, Southampton, SO40 7AQ	5.8 Miles Approx 15 Minutes
Key Holder 2 Marc Dent	73 Cardinal Place, Maybush, Southampton, SO16 4HR	1.1 Miles 5 Miles

The site is continuously monitored by site operatives throughout the working day to ensure the early detection of fires in waste storage area. The area where waste is stored is visually inspected throughout the day by site operatives, and outside of operational hours there are automated detection systems in place to alert key staff to the present of extreme heat or a fire. All findings are logged in the site diary. The site is fully equipped with thermal/CCTV cameras. If a fire is identified on the CCTV, site operatives/TCM/Manager will call the FRS during both operational hours, and outside of operational hours.

As outlined throughout the document, the following procedures will be put in place to detect fires:

- The site will be inspected visually throughout the day and at the end of the day for hot waste and hot exhausts.
- The site will be inspected for heat via the static thermal imaging camera which will be operational 24 hours a day.
- The CCTV (cameras/monitors) can be remotely viewed via computer or mobile phone (internet offsite monitoring). The system sends notifications to staffs mobile phones and can be programmed in a variety of ways for effective offsite, out of hours monitoring. As there are multiple cameras on site, all areas are covered.
- Fire detection sensors are fitted.
- The site is extremely secure to protect it from arson

17. Suppressing Fires

An automated fire suppression system will be installed prior to the site becoming operational. The system will be installed within the 4-sided building. The design, installation and maintenance will be covered by an appropriate accredited third-party certification scheme. The proposed scheme will be accredited by UKAS to BSENISO/IEC17065:2012.

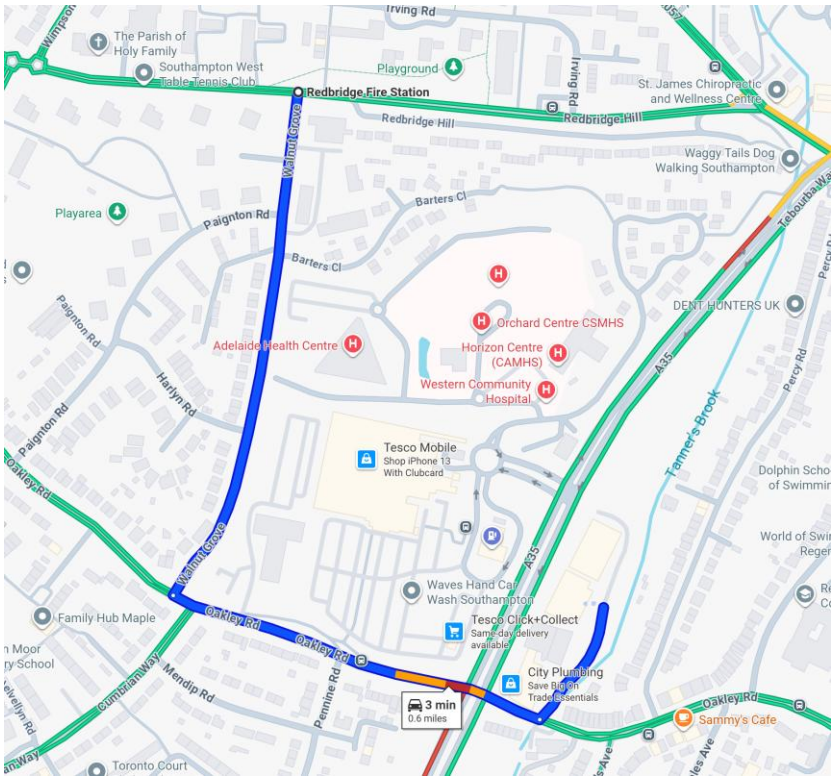
18. Firefighting Techniques

All site staff will be trained to understand the principle that no one should put themselves at risk to fight a fire. Upon the detection of a fire, if it is safe to do so, site staff should attempt to extinguish the fire by utilising the firefighting equipment located on site. Before doing so, the FRA should be contacted in the first instance and followed up by notifying the environment agency's incident reporting service on 0800 80 70 60 within 24 hours.

The site provides the following resources:

- Automated fire suppression system
- Fire extinguishers located strategically across the site where fire risk is deemed more probable
- Flood barriers and sandbags to manage fire water run off
- Main water which has a flow rate of at least 7 litres per minute
- Mobile Plant to separate unburnt material from the fire if safe to do so; and
- Mobile Plant to separate burning material from the fire to extinguish it
- Mains hydrant point located approximately 93m from the site

The closest Fire Station is located is Redbridge Fire Station. Using google directions and mapping, the drive time is approximately 3 minutes and approximately 0.6 miles from the site.



Fire extinguishers are to be used in the following circumstances:

- Where operators are trained in use, and if confident to tackle the fire; and
- On very small fires, or to facilitate own escape if trapped by fire.

Small Fire
A small fire or area of smouldering waste will be dealt with as follows:

- A fire or area of smouldering waste will not be dealt with in-situ, mobile plant will be utilised to pull the affected waste into the open and away from any further waste that could become a light on contact; and
- Depending on the size/nature of the fire the waste will either be: Extinguished immediately utilising the fire extinguishers; or moved to the quarantine area and extinguished.
- Depending on the size, location and nature of the fire the burning waste will be pulled into the quarantine area following the procedures detailed within this fire prevention plan.

Once a small fire is dealt with the remaining area will be visually inspected immediately by site management for any signs that a fire/smouldering waste remains. The same procedure, detailed in this section, will be implemented should this be the case.

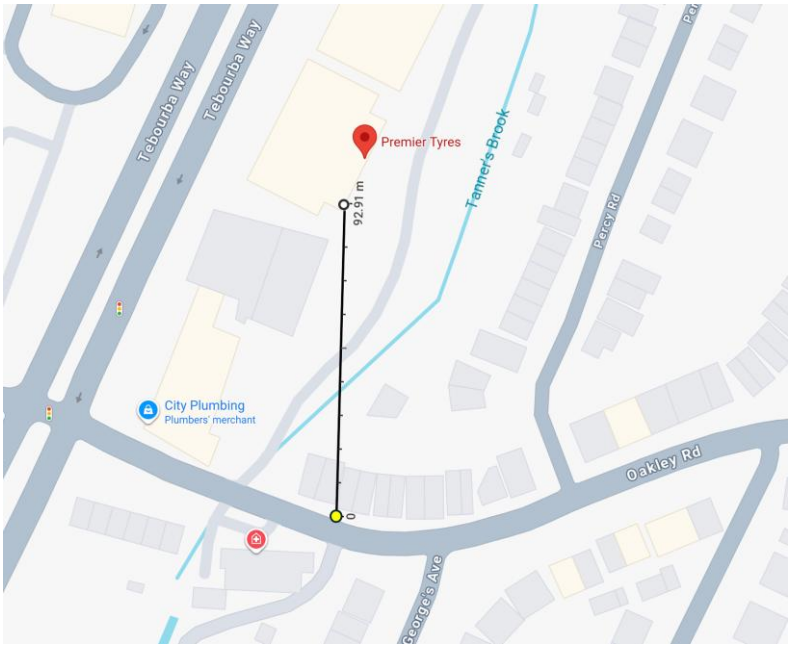
Uncontainable Small Fire or Large Fire
The following procedure is in place on site that will be followed in the event of a small fire becoming uncontainable or in the event of a major fire onsite;

- The Site Manager and FRS will be contacted immediately. The EA will be notified at the first opportune moment, but no longer than 24 hours.
- Following arrival of the FRS, all site staff will take instructions from the FRS
- If possible, waste that is unburnt will be doused with a fire extinguisher to prevent the fire from spreading further;
- If possible, unburned material will be separated from the fire using heavy plant;
- The burning area will be isolated, and attempts will be made to extinguish the fire utilising the onsite fire extinguishers if safe to do so; and
- The site and buildings will be evacuated.

19. Water Supplies

The site is serviced by mains water that is available for firefighting activities, however, in isolation this would not carry a sufficient flow rate based on the sites largest stockpile. From EA guidance – the worst case scenario would be the largest waste pile catching fire and a water supply of a least 2,000 litres a minute for a minimum of 3 hours is required for a 300 m3 pile of combustible material if no other actions are taken e.g. fire breaks. The site will maintain adequate fire breaks (by distance) and also have installed an automated fire suppression system above the waste within the building to give full coverage

The nearest hydrant point is located 93 metres from the site. This is serviced and maintained by the FRS. This has been referenced in Appendix 3 (location plan). Grid reference - SU 39103 13743. This hydrant is serviced and maintained by the FRS. This hydrant also conforms to British Standard 750. This hydrant is accessible for use.



Grid Reference
SU 39103 13743
Grid Reference (6 figure)
SU391137
X (Easting) , Y (Northing)
439103 , 113743
Latitude , Longitude (decimal)
50.921823 , -1.4450545
Latitude , Longitude (degs, mins, secs)
50°55'19"N , 001°26'42"W
What3Words :
dance.seat.played

The largest stockpile of combustible waste on site is 150 cubic meters. 6.7 liters of water is required per minute, per cubic meter for a period of 180 minutes. We have calculated that the amount of water needed for a stockpile of this size is 180,900 litres with a minimum flow rate of 1005 litres per minute.

20. Managing Fire Water

Water used for firefighting activities will be fully contained within the 4 sided building. The site will implement systems to ensure containment of discharged fire water run off from the storage area in the event of a fire.

The fire water containment area is within a structural building. There are a number of openings within the building which mean a full seal can not be maintained. These openings are to allow for vehicular access/egress. Roller shutters are in place across these openings, however, when closed these are not deemed water tight and could potentially lead to the escape of fire water runoff. Within the 4 sided building the walls create a natural bund and will prevent the escape of water.

the site will deploy a combination of sand bags and flood defence gates to contain firewater within the building and permitted area of the site. These will be stored on a covered pallet next to the opening for quick access and deployment.

The opening is 5 meters wide and need to be deployed 400mm high. A calculation has been made based on the width and height required, but also taking into account the dimensions of sandbags.

Below are the specification of typical sandbags which will be purchased and in position prior to the site becoming operational:

Contain approximately 14 kilos washed granite sand
100gsm Heavy Duty Black Woven PP Fabric
Sunlight Protected
Long lifespan - Reuseable & Recyclable
Dimensions filled approx 25cm x 50cm x 10cm
Delivered on pallets wrapped in stretch film, minimum order is 35

Based on the specifications above, the site will require 25 sandbags in width to cover the 5 metre opening, plus 75 more to sit on top of the first layer of sandbags to bring the height to 40cm. Therefore the site will require 100 sandbags in total. The calculation estimates that well in excess of 180,900 litres of water can be stored within this containment, with the potential to contain more 10,000 litres more based on the quare footage of the building. The site will be equipped with an extra 10 sandbags to ensure top up bags are available to maintain an adequate seal. It will also provide contingency if some bags become damaged. The Sandbag locations when not in use can be seen on the site plan in Appendix 1

The water run-off area provides almost no gradient and has been engineered to be level. Based on our largest stockpile, we would need to contain a total of 180,900 liters of water. Within the building itself, there will be an opening made to allow forklift movements to travel between the partition that is currently in place. This opening will be 4 metres wide. The site will deploy flood gates in the this location to prevent water entering the other side of the building. The flood gates will be interlocked at all times and simply need to be dragged into position which takes a matter of seconds. The location of the flood gate when not in use can be seen on the site plan in Appendix 1. The specification of the floor gate has been included below:


FLOOD BOXWALL
NOAQ
Flood Fighting System
QUICK & EASY TO INSTALL
FL-151-174
Straight Section
L x W x H 98 x 68 x 53cm
FL-151-175
Inward Section
L x W x H
54/21 x 68 x 53cm
FL-151-176
Outward Section
W x D x H
65/34 x 68 x 53cm
STACKABLE FOR EASY STORAGE
Specifications
Height 53cm
Material Polypropylene
Average thickness 4mm
Temperature range -30° to +90°C
Damming ability 50cm
Installation speed 2 people can install 200metres of wall in under one hour
FLOOD BOXWALL
Reusable Flood Water Barrier System


FLOOD BOXWALL
NOAQ Boxwall is a freestanding, reusable temporary flood barrier system designed for a fast response to flood threats. Ideal for closing off roads, streets, pathways, carparks, river and canal banks, industrial and commercial properties to the threat of flooding as well as the control and diversion of flood water.
Suitable for use on any firm even surface including asphalt, tarmac, brickwork, concrete, paving and even on grass.
FEATURES & BENEFITS
Manufactured in hardwearing polypropylene
Quick and easy to deploy when required in an emergency
Self-anchoring, no additional fixings required
The higher the water rises the harder the barrier is pressed firm against the ground utilising the weight of the water
Two people can assemble 200 metres of Boxwall in under 60 minutes
Temperature resistance -30° to +90°C
Stackable for easy transportation and storage when not in use
Easily washed down after use for deployment in future floods
Corner sections are available to create 90-degree bends
PROPERTY
MANUFACTURING/ WAREHOUSE
HIGHWAYS
EMERGENCY SERVICES
WATER COMPANIES
CONSTRUCTION
INSTRUCTIONS FOR USE:
A Boxwall is built by snapping sections one at a time onto the previous one, we recommend working from left to right
The coupling between the individual boxes has a built-in flexibility of +/-3°, which means a Boxwall can be drawn in curves
Inward & Outer Sections
For abrupt changes in direction corner sections are available, these have an angle of 30° and are available for both inward and outward corners. 3 x corner sections will produce a 90-degree bend
Maintenance
Dismantle the wall by tilting the right-hand section (the one with the pin) against the left hand one. Wash the sections clean using a jet wash or garden hose and stand them on their side to dry
Storage
The sections can be stacked to take up as little space as possible during transport and storage

On the operational side of building where baling takes place (no waste storage) there are 4 roller shutter openings. This area contains the quarantine bay which is large enough to house 50% of the sites largest stockpile. The dimensions of this building are the same size as the building that contains the baled waste. Therefore the same volume of water can be stored here subject to the openings being sealed. Based on the EA's fire water calculation, a total of 90,450 litres of water would need to be stored. The sandbag calculation is based on storing water at 20cm which means a total of 50 sandbags are needed per opening (200 In total). Because the floodgate would be deployed at the partition, the site will already have 100 sandbags (as detailed previously). This means the site will be required to have 100 extra sandbags to form a seal. Equally, the operator could not deploy the floodgate and make use of the entire buildings surface area, but to ovoid water damage, the sites system to only flood one section of the building means recovery time will be reduced.

There will be a minimum staffing level at all times during operational hours available to implement the fire prevention plan measures (including the deployment of sandbags and floodgates).

All members of operational staff will be fully conversant with the FPP, including the deployment of sandbags and floodgates.

Out of operational hours, the procedure would be deployed in the same manner as keyholders can arrive at the site very quickly.

Maintenance of Sandbags: Sandbags will be visually inspected on a weekly basis and will form part of the TCM checks. Checks will be made on the condition of the bags to ensure it is able to contain the sand when lifted. The sandbags will also be stored away from operational areas which will prevent the bags from becoming damaged. All sandbags will be palletised which reduces the risk of damage but can also aid in the deployment of the bags as the forklift could move the pallet near the deployment area. The procedure will be put into practice during the site's fire drills.

Prior to the site becoming operational the sandbags and flood barriers will be purchased and commissioned.

The site surface is impermeable and engineered in line with Building Regulations Document H. The water will be tested and either removed from site via a gulley tanker (to an authorised facility with the requisite paperwork) or with the agreement from the Environment Agency to be allowed to discharge to surface water drains subject to prior testing.

Combustible material shall be stored in accordance with the fire plan. Firewater runoff will likely contain a moderate biological and chemical oxygen demand as well as trace compounds dissolved from the gaseous emissions, along with metals. As this site can contain contaminated firewater, the environmental impact from the runoff will be eliminated.

21. During and After an Incident

The Operator would cease operations until the Environment Agency / Fire Service advised that the site could be reopened. The Operator has outlets in place to divert wastes as required.

The Operator will inform those who may be affected by fire, such as nearby residents and businesses, via word of mouth. During fire event training sessions, specific site staff will be given specific areas to visit during a fire event – the site staff will be asked to inform those affected that there is a fire event on site, and will give useful information such as to close windows and doors if possible and to avoid the area until the fire is under control. The site staff will also pass on any specific instructions from the FRS.

The Operator will ensure that if the waste has become hazardous in nature as a result of the fire, the waste will be tested and assessed prior to removal from site, and that consignment notes will be issued in transit to the receiving site. The receiving site will be fully permitted and aware of the potential hazards associated with the wastes.

Any fire water that is contained within the building will be pumped via a tanker. The Operator will ensure that all fire-damaged waste is be removed using an appropriate EWC codes.

This FPP is considered to be a 'working' document that is reviewed and updated annually internally or as required should any of the following occur:

- A fire or near miss of a fire on site;
- A change or review of legislation;
- A change in the environment surrounding the site;
- A change to operations on site; or
- If the site is instructed to do so by the EA.

It is the responsibility of the TCM and Site Manager or nominated person to maintain this FPP and to ensure it is adhered to in the event of a fire on site.

Appendix 1 –

Key:

- Permit Boundary
- Building
- Impermeable Surface Area
- Quarantine Area
- Forklift Parking Area
- Roller Shutter Door
- Partitition Wall
- Flood Gate
- 7 m Distance
- Fire Supression System
- Sandbag Storage
- Baler Storage
- Fire Extinguishers
- Automated Fire Suppression

Drawing Title: Site Layout Plan

Ref:

Scale: 1:275 (A3)

Date: 2025-08-27

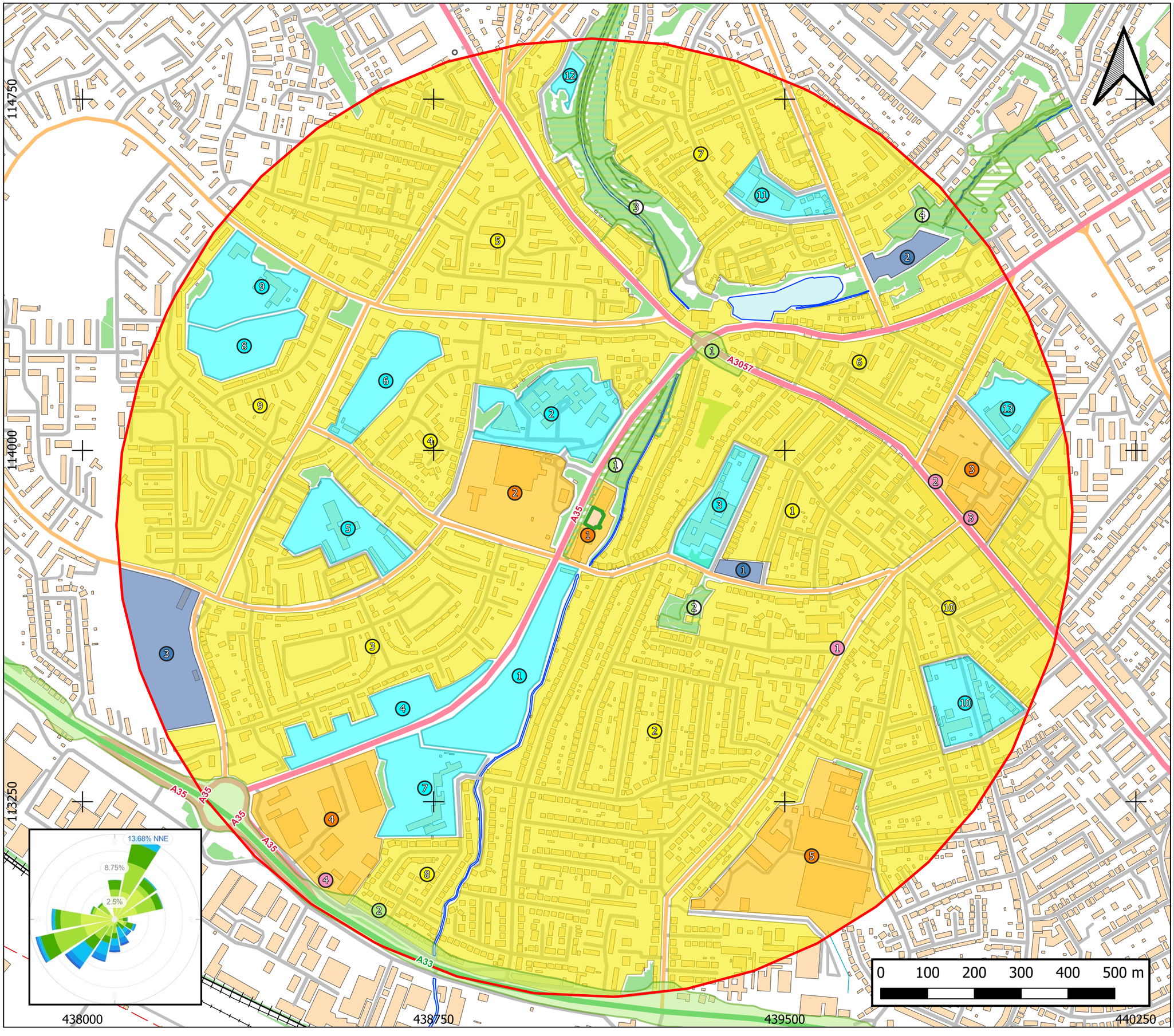
Revison: Draft

Drawn By: TW

Address: Premier Tyres, Unit B (B1 & B2) Atlantic Works, Oakley Road, Southampton,

Changelog:
- N/A

Appendix 2 –



Key:

- Permit Boundary
- 1 km Buffer
- Residential Area
- Commercial Area
- Public Use Area
- Recreational Area
- Designated Site Area
- Non-Designated Site Area
- Residential ID
- Commercial ID
- Public Use ID
- Recreational ID
- Designated Site ID
- Non-Designated Site ID
- Heritage Site ID
- Surface Water
- Woodland
- Railway

Drawing Title: Sensitive Receptor Plan 1 km

Ref:

Scale: 1:7,500 (A3)

Date: 2025-07-29

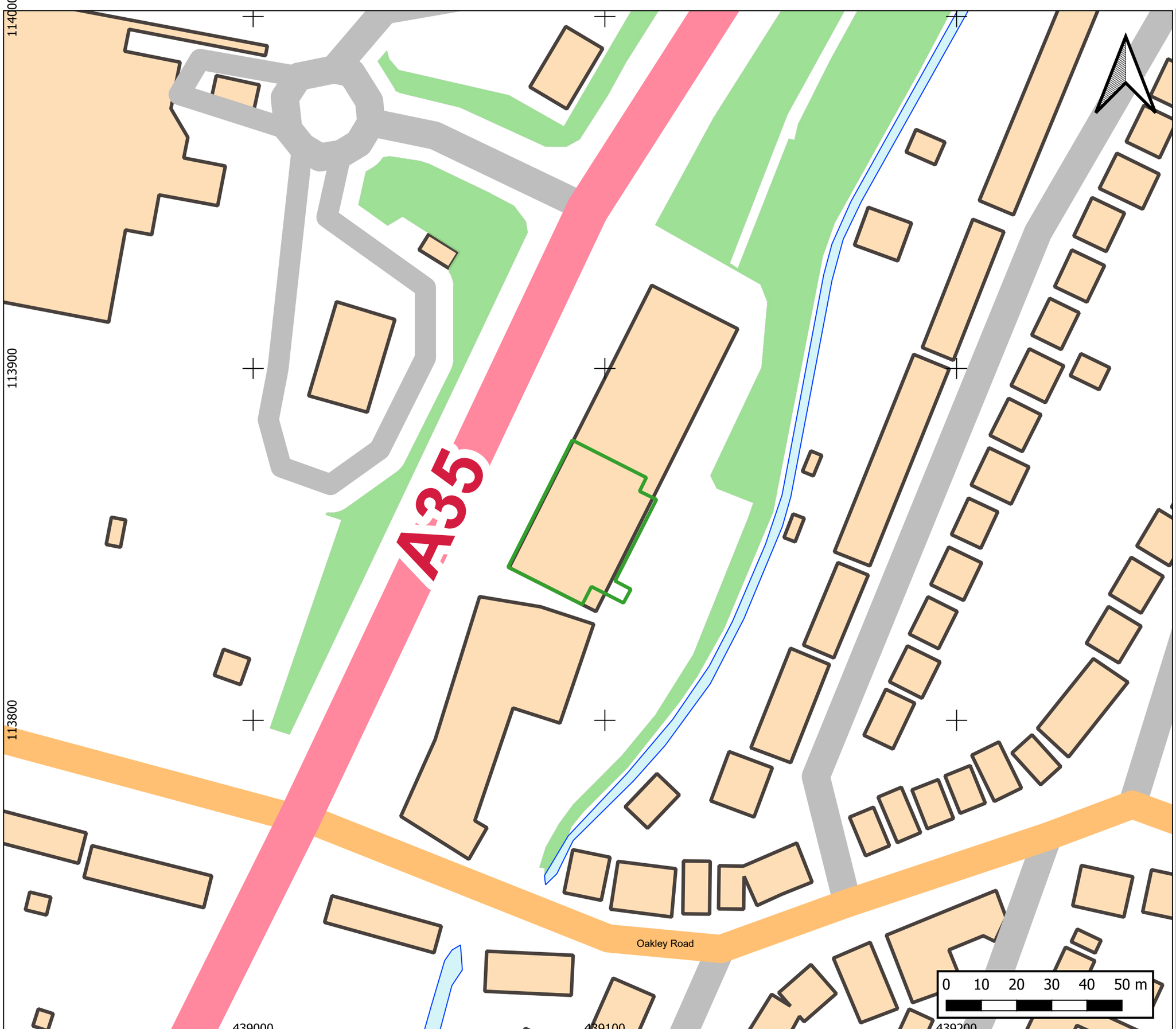
Revison: Draft

Drawn By: TW

Address: Premier Tyres, Unit B (B1 & B2) Atlantic Works, Oakley Road, Southampton,

Changelog:
- N/A

Appendix 3 –



Key:

Permit Boundary

Drawing Title: Site Location Plan
Ref:
Scale: 1:1000 (A3)
Date: 2025-09-03
Revison: Draft
Drawn By: TW
Address: Premier Tyres, Unit B (B1 & B2) Atlantic Works, Oakley Road, Southampton,
Changelog: - N/A

Appendix 4 –

Waste Table - Table of Waste Stored and Pile Sizes

Waste Table - Fire Water calculation

Waste Type	Fraction size	H	W	L	Volume M3	Storage Location	Max Storage Time	Combustable	Water Required	Flow Rate Required	Containment Calculator	
					0				0	0	Containment Area 1	
Waste Tyres	150mm >>	3	5	10	150	Unit B1	3 months	Yes	180900	1005	Length	24
					0				0	0	Width	19.5
					0				0	0	Height	0.4
					0				0	0	Capacity (L)	187200

Appendix 5 -

FLOOD BOXWALL

NOAQ
Flood Fighting System

FL-151-174
Straight Section
L x W x H 98 x 68 x 53cm

FL-151-175
Inward Section
L x W x H
54/21 x 68 x 53cm

FL-151-176
Outward Section
W x D x H
65/34 x 68 x 53cm

Specifications	
Height	53cm
Material	Polypropylene
Average thickness	4mm
Temperature range	-30° to +90°C
Damming ability	50cm
Installation speed	2 people can install 200metres of wall in under one hour

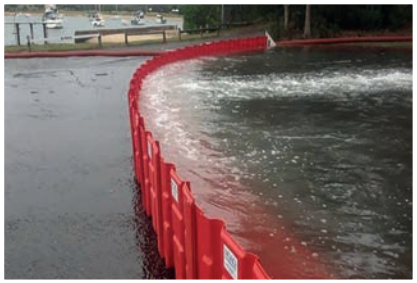
FLOOD BOXWALL

Reusable Flood Water Barrier System

FLOOD BOXWALL

NOAQ Boxwall is a freestanding, reusable temporary flood barrier system designed for a fast response to flood threats. Ideal for closing off roads, streets, pathways, carparks, river and canal banks, industrial and commercial properties to the threat of flooding as well as the control and diversion of flood water.

Suitable for use on any firm even surface including asphalt, tarmac, brickwork, concrete, paving and even on grass.



FEATURES & BENEFITS

- Manufactured in hardwearing polypropylene
- Quick and easy to deploy when required in an emergency
- Self-anchoring, no additional fixings required
- The higher the water rises the harder the barrier is pressed firm against the ground utilising the weight of the water
- Two people can assemble 200 metres of Boxwall in under 60 minutes
- Temperature resistance -30° to +90°C
- Stackable for easy transportation and storage when not in use
- Easily washed down after use for deployment in future floods
- Corner sections are available to create 90-degree bends

INSTRUCTIONS FOR USE:

- A Boxwall is built by snapping sections one at a time onto the previous one, we recommend working from left to right
- The coupling between the individual boxes has a built-in flexibility of +/-3°, which means a Boxwall can be drawn in curves

Inward & Outer Sections

- For abrupt changes in direction corner sections are available, these have an angle of 30° and are available for both inward and outward corners. 3 x corner sections will produce a 90-degree bend

Maintenance

- Dismantle the wall by tilting the right-hand section (the one with the pin) against the left hand one. Wash the sections clean using a jet wash or garden hose and stand them on their side to dry

Storage

- The sections can be stacked to take up as little space as possible during transport and storage

Appendix 6 –

Securitytec Ltd
Unit 2 Redlands Centre
Ullswater Industrial Estate
Coulsdon
CR5 2HT
VAT Reg No: 867696647

Quotation

E-mail: office@securitytec.co.uk
Web: www.securitytec.co.uk
Tel: 020 8660 5888

Invoice To:

Premier Tyres

Delivered To:

Alan Skinner
info@premier-tyre.co.uk

Order Number: 29641
Order Date: 28/07/2025
Order Ref:
Account Ref: TRADE

Qty	Product Code	Product Description	Unit Price	Line Value	VAT
0.00	DS-2TD1228-2/QA	Thermal & 4MP ColorVu, Bi-Spectrum Turret	336.24	0.00	0.00
0.00	DS-2TD1228-3/QA	Thermal & 4MP ColorVu, Bi-Spectrum Turret	336.24	0.00	0.00
1.00	NS-0505P-35	4x Port, 1x uplink HiLook PoE Switch	35.00	35.00	7.00
1.00	DS-7604NXI-K1/4P(D)	4ch Hikvision AcuSense NVR, PoE	104.70	104.70	20.94
1.00	2TB/HDD-STORAGE	2TB Surveillance Grade Hard Drive	54.00	54.00	10.80
1.00	SD-128GB	128GB Micro SD Card	39.00	39.00	7.80

Bank Details

Account name: Securitytec Ltd
Sort Code: 40-37-29
Account no: 61420127

Total Exc VAT	232.70
Total VAT	46.54
Total Inc VAT	279.24

DS-2TD1228-3/QA
Thermal & Optical Bi-spectrum Network Turret Camera

Hikvision DS-2TD1228-3/QA Thermal & Optical Bi-spectrum Network Turret Camera can be applied to villas, communities, parking lots, warehouses, construction sites, waste incineration plants, manufacturing workshops, etc. The accurate temperature measurement device sends temperature exception alarms for loss prevention.

- 256 × 192 resolution, 12 μm, VOx UFPA, NETD < 40 mK (25°C, F1.0)
- Video content analysis: vehicle/human classification
- Temperature exception alarm for fire prevention, -20°C to 150°C (-4°F to 302°F), ± 8°C (± 14.4°F)
- Image processing technology: linear, histogram, self-adaptive thermal AGC mode, DDE, 3D DNR
- High quality detector with 10 years guarantee
- Support smoking detection algorithm
- Support sun-reflection filter

▪ Specification

Thermal Module	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Resolution	256 × 192
Pixel Pitch	12 μm
Spectral Range	8 μm to 14 μm
NETD	<40 mK (25°C, F1.1)
Focal Length	3.6 mm
IFOV	3.33 mrad
Field of View	50.0° × 37.3° (H × V)
Min. Focusing Distance	0.4 m
Aperture	F1.0
Digital Zoom	×2, ×4
Optical Module	
Image Sensor	1/2.7" Progressive Scan CMOS
Resolution	2688 × 1520
Min. Illumination	0.0089Lux @(F1.6,AGC ON) ,0 Lux with IR
Shutter Speed	1 s to 1/100,000 s
Focal Length	4.3 mm
Field of View	84.0°(H) x43.1°(V)
Aperture (Range)	F1.6
WDR	120 dB
Image Effect	
Target Coloration	Yes. Supported in white hot and black hot mode.
Illuminator	
IR Distance	Up to 15 m
IR Intensity and Angle	Automatically adjusted
Audible and Visual Alarm	
White Light Range	Up to 30 m
Visual Alarm	Yes. White light alarm with adjustable flashing frequencies
Audio alarm	Yes, for two types of audible alarm (VCA and Temperature Exception) 2 preset voice alerts (one for each) 6 importable user-defined voice alerts (6 options shared in the two types)
Smart Function	
VCA	4 VCA rule types (line crossing, intrusion, region entrance, and region exiting), up to 8 VCA rules in total.
Temperature Measurement	3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1 line)
Temperature Range	-20°C to 150°C (-4°F to 302°F)
Temperature Accuracy	±8°C (±14.4°F)
General Function	Fire detection, smoking detection, sun-reflection filter

Video and Audio	
Main Stream	Thermal: 25 fps (1280 × 720, 704 × 576, 640 × 512, 320 × 240) Optical: 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-stream	Thermal: 25 fps (704 × 576, 640 × 512, 320 × 240) Optical: 50 Hz: 25 fps (704 × 576, 352 × 288) 60 Hz: 30 fps (704 × 480, 352 × 240)
Video Compression	Main Stream: H.265/H.264 Sub-Stream: H.265/H.264/MJPEG
Audio Compression	G.722.1/G.711ulaw/G.711alaw/MP2L2/G.726/PCM
Network	
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE,TP,Bonjour,SFTP,SRTP,TLS
Network Storage	MicroSD/SDHC/SDXC card (up to 256 G) local storage, NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR)
API	ISAPI, HIKVISION SDK,ISUP, and third-party management platform, Open Network Video Interface,ONVIF (Profile S, Profile G)
Simultaneous Live View	Up to 20 channels
User/Host level	Up to 32 users, 3 levels: Administrator, Operator, User
Security	User authentication (ID and password), MAC address binding, HTTPS encryption, IEEE 802.1x(EAP-MD5, EAP-TLS), access control, IP address filtering
Client	iVMS-4200, Hik-Connect
Web Browser	Live view (plug-in allowed) : Internet Explorer 11 Live view (plug-in free) : Chrome 57.0 +, Firefox 52.0 + Local service : Chrome 57.0+, Firefox 52.0 +
Interface	
Alarm Input	1, alarm input (0-5 VDC)
Alarm Output	1, alarm output (alarm response actions configurable)
Alarm Action	SD recording/Relay output/Smart capture/FTP upload/Email linkage
Audio Input	1, 3.5 mm Mic in/Line in interface Line input: 2 - 2.4 V [p-p], output impedance: 1 KΩ ± 10%
Audio Output	Linear level, impedance: 600 Ω
Communication Interface	1, RJ45 10 M/100 M Self-adaptive Ethernet interface. 1, RS-485 interface (half duplex)

General	
Web Client Language	32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
Power Supply	12 VDC ± 25%, φ 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption	12 VDC ± 25%: 0.5 A, Max 6 W PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, Max 6.5 W
Working Temperature/Humidity	Temperature: -40°C to 65°C (-40°F to 149°F) Humidity: 95% or less
Protection Level	IP67 Standard TVS 6000V lightning protection, surge protection, voltage transient protection
Dimensions	138.3 mm × 138.3 mm × 123.1 mm (5.45" × 5.45" × 4.85")
Weight	940 g (2.07 lb)

▪ Range Table

VCA Range (Vehicles: 1.4 × 4.0 m)	VCA Range (Humans: 1.8 × 0.5 m)	Temperature Measurement (Object: 0.2 ×0.2 m)	Temperature Measurement (Object: 1 × 1 m)	Fire Detection (Object: 0.2 × 0.2 m)	Smoking Detection
75.6 m	28.4m	11.7 m	58.3 m	43.2m	5.4m

▪ DORI

* The table is only for reference and the performance may vary according to different environment.
* The optimal human detection, recognition, and identification distances are calculated according to Johnson's Criteria.

Detection Range: In order to distinguish an object from the background, the object must be covered by 1.5 or more pixels.
Recognition Range: In order to classify the object (animal, human, vehicle, etc.), the object must be covered by 6 or more pixels.
Identification Range: In order to identify the object and describe it in details, the object must be covered by 12 or more pixels.

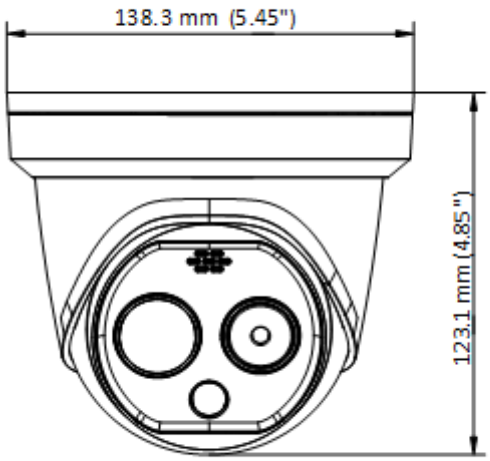
Detection Range (Vehicles: 1.4 × 4.0 m)	Detection Range (Humans: 1.8 × 0.5 m)	Recognition Range (Vehicles: 1.4 × 4.0 m)	Recognition Range (Humans: 1.8 × 0.5 m)	Identification Range (Vehicles: 1.4 × 4.0 m)	Identification Range (Humans: 1.8 × 0.5 m)
460 m	150 m	112 m	38 m	56 m	19 m

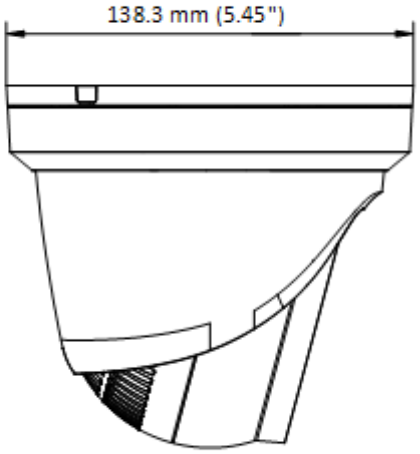
▪ Available Model

DS-2TD1228-3/QA

DS-2TD1228-3/QA(U)

▪ Dimension





▪ Accessory

▪ Optional

DS-1273ZJ-140 Wall mount	DS-1273ZJ-140B Wall mount	DS-1271ZJ-140 Pendant Mount	DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount
				
DS-1280ZJ-DM21 Junction box	**DS-1273ZJ- 140(BLACK) Wall mount**			
				

COMPLIANCE NOTICE: The thermal series products might be subject to export controls in various countries or regions, including without limitation, the United States, European Union, United Kingdom and/or other member countries of the Wassenaar Arrangement. Please consult your professional legal or compliance expert or local government authorities for any necessary export license requirements if you intend to transfer, export, re-export the thermal series products between different countries.

Headquarters
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Hangzhou 310051, China
T +86-571-8807-5998
www.hikvision.com

Follow us on social media to get the latest product and solution information.

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Appendix 7 –

Date: **Weather Conditions:** **Wind Speed:** **Wind Direction:**

Condition of the site perimeter		**Condition of impermeable surfaces**		**Noise levels**	
Thermal Cameras in use/working		**Site security systems**		**Pests/vermin**	
Fixed plant/equipment in good repair		**Condition of site building**		**Site infrastructure in good repair**	
Site noticeboard present & in good repair		**Quarantine area clear for deposit**		**TCM attendance meets permit requirements**	
All waste stored on-site is compliant		**Litter**		**Portable extinguishers checked and in place**	
Non-compliant waste quarantined		**Mud/debris**		**Compliance with the duty of care documentation**	
Mobile plant in good repair		**Dust & Fluff not accumulating**		**Spill kits in place**	
Waste volumes on-site compliant		**Odours**		**Fire equipment in place**	

Daily checks		
Check	Time	Comments
FPP Measures Implemented		
Sandbag visual assessment for damage/quanity		
Floodgate visual assessment		

Weekly checks		
Check	Date	Comments/Actions
Fire Alarm Check		
Fire Suppression System Check		

Details of any construction work, Maintenance, Breakdowns, Emergencies, Environmental Problems or Severe Weather Conditions affecting Waste Management Activities on site	

General site activities, complaints, non-compliance details		
	Operating hours	
	Start:	
	End:	
	Site Name	
	Staff on site	
	TCM on site	
	Name:	
	Date:	
	Time in:	
	Time out:	
	Sign:	

Appendix 8 –

High Speed Training™

highspeedtraining.co.uk

Certificate of achievement

High Speed Training certifies that

Alison Skinner

has completed

Fire Warden (Fire Marshal) Training

A high quality, interactive training course that provides you with an overview of fire safety in the workplace and details your duties as fire warden to ensure safe evacuation during an emergency.

Issued On: 11/08/2025
Recommended Renewal Date: 11/08/2026

Certificate Number: T-4651166-5284909
To verify please visit: www.highspeedtraining.co.uk/verify

City & Guilds ASSURED

CPD CERTIFIED The CPD Certification Service

Assured 2023/25 RoSPA Qualifications

R. Anderson
Head of Learning and Development

Appendix 9 –

Appendix 9 – FPP Training Record

Date: _____ **Duration:** _____

Given By: _____ **Session For:** _____

Subjects Covered

- ☐ The significant findings from the FPP and fire safety policies
- ☐ What to do on discovering a fire
- ☐ How to raising the alarm
- ☐ The action to take upon hearing the fire alarm
- ☐ The evacuation procedure for alerting guests, residents and visitors including, where appropriate, directing them to exits and assembly points at a place of total safety
- ☐ The arrangements for calling the fire and rescue service
- ☐ The location and, where appropriate, the correct use of portable fire extinguishers and fire-fighting equipment
- ☐ Knowledge of escape routes
- ☐ How to open all emergency exit doors
- ☐ The appreciation of the importance of fire doors, keeping them closed and not wedged open to prevent the spread of smoke and heat, keeping escape routes unobstructed
- ☐ Where appropriate, isolating electrical power, gas supplies, stopping machines and processes
- ☐ Location of the Flood Gates and how and when to deploy them
- ☐ Location of the Sandbags and how and when to deploy them
- ☐ General fire precautions, fire awareness and good housekeeping practices
- ☐ The no smoking policy
- ☐ Maintaining 6m seperation distances from waste, mobile plant, static plant, and vehicles
- ☐ Identifying fire hazards and fire incidents reporting procedures; and
- ☐ Location and the maxiumum volume of waste stored on site

Names of those attending:

PRINT NAME	SIGNATURE

I confirm that I have delivered the above subjects to those named above as attending.

Name: _____ **Date:** _____

Signed: _____ **Position:** _____

Appendix 10 –

Appendix 11 –

Appendix 11 EMERGENCY ACTIONS

THIS PLAN WILL BE ACTIVATED WITHOUT DELAY WHEN
• A fire is confirmed on site • An uncontrolled event occurs which could reasonably be expected to lead to a fire on site • A major accident is an occurrence (including in particular a major emission, or explosion) resulting from uncontrolled developments in the course of the operations, and leading to serious dangerto human health or the environment, immediate or delayed, inside or outside the establishment.

THE FOLLOWING PEOPLE WILL BE RESPONSIBLE FOR ACTIVATING THE PLAN
Alison Skinner / Alan Skinner Site Manager / Authorised Person

HOW THE PLAN WILL BE ACTIVATED
A member of Premier Tyres staff from the above list will make a 999 telephone call to each of the relevant emergency services. Note that the order in which each service is called will be dependent on the nature of the incident. Emergency Services 999 Environment Agency 0800 80 70 60
Redbridge Fire Station, Redbridge Hill, Southampton, SO16 4EG
Quote The below When Ringing the FRS
When making each '999' call staff should provide the following information: Premier Tyres, Unit B Atlantic Works, Oakley Road, Southampton, SO16 4LL National Grid Reference for the site: SU 39087 13854 What Three Words: lift.slide.deeply • Details of the Incident • If any staff are known to be reported missing • Where the arriving first responders will be met (in a safe location, away from any smoke plume with all relevant information on the details of the incident and a copy of this plan)