1.0 PURPOSE

The primary purpose of this procedure is to provide guidance on how to act in the event of an emergency situation on-site, in order to protect the safety of employees and minimise the impact of an emergency situation on the environment.

2.0 SCOPE

This procedure applies to all staff on site and it covers the following emergency situations:

- Serious Inury or Medical Emergency
- Fire
- Chemical Spill
- Gas Leak
- Explosion
- Security/Bomb Threat

3.0 REFERENCES

Chemical Spill Procedure – P092
Environmental Incidents Reporting Procedure – P080
Weekly Environmental Checksheet – F199
Personal Protective Equipment Procedure – P089
PPE – Personal Protective Equipment
PTFE – Polytetrafluoroethylene
ERT – Emergency Response Team
MSDS – Material Safety Data Sheet
PSA – Pressure Sensitive Adhesive

4.0 RESPONSIBILITY

SHIFT SUPERVISOR
MAINTENANCE
SENIOR OPERATOR
FIRST AIDER
ASSEMBLY POINT MARSHALL:
(Debbie Harte / Milo Phelan – day shift)
Shift Supervisor is Assembly Point Marshall for night/weekend shift
ALL OTHER EMPLOYEES

5.0 SITE EVACUATION PROCEDURE

Evacuation instructions are provided below. When the alarm is sounded all personnel on site shall take the following steps;

5.1 Regular Hours - Evacuation Procedure:

1. Alarm sounds – ALL ON SITE PERSONNEL immediately exit the building and report to the main Assembly Point in Car Park.
2. SHIFT SUPERVISOR brings Employee Sign In/Sign Out log to Assembly Point and gives it to ASSEMBLY POINT MARSHALL.
3. Receptionist (during day hours) brings Visitor Book to Assembly Point to ensure roll call for all site visitors.
4. ASSEMBLY POINT MARSHALL commences roll call with ERT members followed by all other on-site employees, contractors & visitors.
5. ASSEMBLY POINT MARSHALL informs Shift Supervisor of roll call results and advises if any personnel missing.
6. MAINTENANCE, SENIOR OPERATOR/FIRST AIDER then investigate source of alarm/incident. All report to Fire Panel inside employee entrance.
7. SHIFT SUPERVISOR to decide if Emergency Services are required, if yes ***Dial 999/112***
8. The building is not to be re-entered until the Emergency Services & management declare it safe to do so.

5.2 Out of Hours - Evacuation Procedure:

1. Alarm sounds – ALL ON SITE PERSONNEL immediately exit the building and report to the main Assembly Point in Car Park.
2. SHIFT SUPERVISOR brings Employee Sign In/Sign Out log to Assembly Point.
3. SHIFT SUPERVISOR commences roll call and notes if any personnel missing.
4. SHIFT SUPERVISOR contacts Emergency Services - ***Dial 999/112***
5. SHIFT SUPERVISOR contacts management.

An evacuation drill will be carried out twice yearly.

6.0 EMERGENCY INCIDENTS

6.1 Serious Injury or Medical Emergency

1. The injured person must inform his/her shift supervisor immediately.
2. Shift supervisor will alert the ERT as necessary.
3. The shift supervisor/ERT will assess the injured party and administer first aid in accordance with training given.

4. The shift supervisor/ERT will assess the requirement to isolate equipment, make the area safe and determine what controls are needed if a person has become trapped in equipment.
5. The shift supervisor/ERT will assess the need for any further medical treatment and where required will make the necessary arrangements.
6. Where further medical treatment is required, transport will be provided by a member of the ERT or by contacting emergency services. ERT member will remain with the injured person at all times.
7. Where medical assistance is required for incidents involving chemicals, the MSDS must be referred to for any appropriate instructions. A copy of the MSDS must be brought with the injured/ill person where external medical assistance is required.
8. The shift supervisor/ERT must report the incident to the Health and Safety Manager.

6.2 Emergency Incident: Fire

6.2.1 Regular Hours - Fire Incident Response

On discovering a fire:

1. If the fire is small, if training has been provided in the use of fire extinguishers and if it is safe to do so, use the appropriate fire extinguisher to contain the fire. Never attempt to fight a fire alone.
2. If the fire is too large, activate the nearest Break Glass panel (See Figure 1) immediately to sound the alarm and follow the evacuation procedure outlined in Section 5.1.
3. Immediately notify a member of the ERT.

Figure 1 Example of Emergency Break Glass Panel

4. ERT go to site of reported fire location to assess situation.

5. If it is required, ERT to shut off the gas supply to the factory by breaking the Yellow Break Glass Panel (See Figure 2) and ERT to shut off the electricity supply by breaking the Red Break Glass Panel at the entrance to the PTFE towers. The location for this is shown below and in Drawing No. 3 included in this procedure.

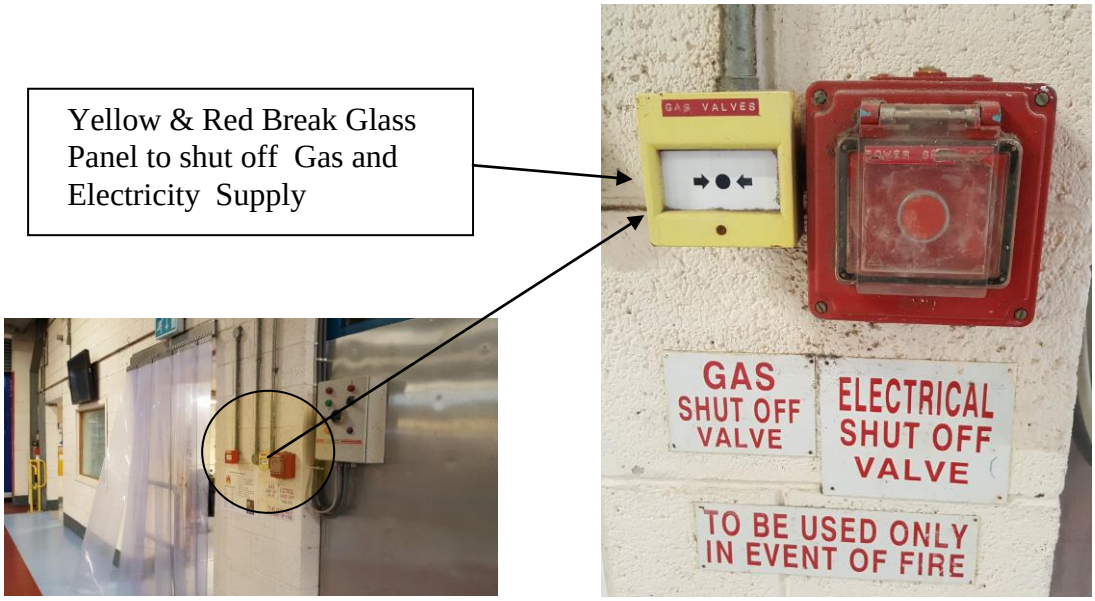


Figure 2. Yellow and Red Break Glass Panel beside shift supervisor's office at entrance to towers.

The management team are to be notified immediately of the fire and the following people from the Management Team will be contacted as below:

1. John Downes: Facilities Manager
2. Jimmy Murray: Materials Manager
3. Eddie Cooke : Plant Manager

Should the fire brigade be called, fire water generated will be directed to the stormwater drains which will be controlled by a shutoff valve to store the firewater.

1) *Identify the source area*
2) *Collect and transfer the firewater waste into appropriate containers*
3) *Label the waste containers appropriately*
4) *Log all details pertaining to the waste*
5) *Use only site and EPA approved contractors to dispose of waste under current Hazardous Waste Regulation.*

As a precautionary measure a water sample will be taken at the soak pit and sent for fast-track laboratory analysis to include Mineral Oils, Total Suspended Solids, COD and TOC. Sampling equipment (telescopic sampler, lever for opening manhole cover and sampling bottles) is located in the Formulation Room as indicated in Drawing

No.3. Volume of firewater used will be requested from Fire Brigade once the incident is under control.

The results of the water analysis shall be compared to the current Groundwater Regulations with reference to:

1. European Communities Environmental Objectives (Groundwater) Regulations, 2010. S.I. 9 of 2010.
2. European Union Environmental Objectives (Groundwater) (Amendment) Regulations, 2016. S.I. 366 of 2016.
3. EPA Interim Report Towards Setting Guideline Values for The Protection of Groundwater in Ireland (2003).
4. EPA Parameters of Water Quality Interpretation & Standards

The Annual Groundwater Monitoring Reports can be used as a base line.

6.2.2 Out of Hours - Fire Incident Response:

For an out of hours fire incident the following instructions will be followed:

1. Break the nearest Fire Emergency Glass Panel
2. Evacuate the building as outlined in Section 5.2
3. Escalate to Fire Brigade – ph 999/112
4. Escalate to Management - telephone numbers are listed at exit doors and in Section 10 of this procedure
5. The building is not to be re-entered until the fireservices & management declare it safe to do so.

The reporting of all fire incidents to both Saint-Gobain and appropriate Irish authorities will be carried out according to the instructions specified in P080 Environmental Incidents Reporting Procedure.

Fire System Tests:
A weekly fire alarm system test is carried out every Monday a.m.
Weekly checks are conducted on fire extinguishers and fire exits.

6.3 Chemical Spill

A spill is considered a large spill if it cannot be contained with standard spill kit materials. If the spill is large, contact the shift supervisor/ERT immediately.

MSDS for all chemicals on site are located in the shift supervisor's office, the fulfilment office and in Debbie Harte's office. Spill kits are located at the Towers, the Casters, PSA Mixing Room and in the back yard as indicated in Drawing No. 3.

6.3.1 Regular Hours - Chemical Spill Response

6.3.1.1 Spill Of PTFE And Other Aqueous Dispersions

1. Follow steps outlined in the Chemical Spill Procedure P092.
2. If the spill occurs near the washroom use the Drain Cover located in the washroom to cover the washroom drain.
3. If the spill occurs in the backyard, use the drain covers located in the backyard to cover the two nearest stormwater drains.
4. Wearing the appropriate PPE as per the MSDS for the spilled chemical, contain and clear up spillage using the absorbent materials from the spill kit.
5. Used absorbent material must be bagged and labelled and placed in a suitable container for management as hazardous waste. The container must be clearly labelled to indicate its contents.
6. Report the incident to your supervisor.

6.3.1.2 Flammable Liquid Spill

1. Assess if there are any sources of ignition in the yard and their proximity to the spill. If so inform the ERT and evacuate the area.
2. Only trained personnel may attempt to clean flammable based materials. Ensure PPE is worn as per the MSDS for the spilled chemical.
3. If no ignition source is present, check if the spill is likely to enter a stormwater drain. If so, use the drain covers located in the backyard to cover the two nearest stormwater drains. Their location is indicated in Drawing No. 3 attached to this procedure.
4. If the flammable liquid spill occurs inside, ventilate the area.
5. Contain and clear up spillage using the absorbent materials from the spill kit.
6. Used absorbent material must be bagged and labelled and placed in a suitable container for management as hazardous waste. The container must be clearly labelled to indicate its contents.
7. Report the incident to your supervisor.

6.3.1.3 Caustic Solution Spill

Each year two operators are nominated to work with the caustic solution brought on site for annual shutdown and are given full safety induction and PPE.

1. Only trained personnel may attempt to clean a spill of caustic solution.
2. Ensure correct PPE is worn as per training.
3. Check if the spill is likely to enter a stormwater drain. If so, use the drain covers located in the backyard to cover the two nearest stormwater drains. Their location is indicated in Drawing No. 3 attached to this procedure.
4. Contain and clear up spillage using the absorbent materials from the spill kit. Used absorbent material must be bagged and labelled and placed in a suitable container for management as hazardous waste. The container must be clearly labelled to indicate its contents.
5. Report the incident to your supervisor.
6. If the spill cannot be stopped without risk to the operator, activate the nearest break glass panel, (See Drawing No. 3 attached to this procedure) notify the ERT and evacuate the area.

7. The ERT will follow the guidance for caustic solution spills contained in the Chemical Spill Procedure P092.

6.3.2 Out of Hours - Chemical Spill Response

1. If PTFE spill occurs near or in the wash room, cover drain in wash room with drain cover. Use spill kit to contain spill. Drain cover and spill kit locations are marked on Drawing No. 3 of this document.
2. If PTFE spill occurs in the yard, cover the stormwater drains with drain covers. Use spill kit to contain spill. Drain cover and spill kit locations are marked on Drawing No. 3 of this document
3. If there is a solvent spill in the PSA Mixing Room, assess if there is an ignition risk.

   If yes, exit the PSA Mixing Room immediately and activate the nearest Emergency Break Glass Panel. Follow the instructions below:

   a) Evacuate the building
   b) Pick-up Sign-In/Out book at exit
   c) Perform the roll call at meeting point
   d) Escalate to Fire Brigade – ph 999/112
   e) Escalate to Management - telephone numbers are listed at exit doors and in Section 10 of this procedure
   f) The building is not to be re-entered until Emergency Services & management declare it safe to do so.

   If no ignition risk exists, follow the instructions below:

   a) Ventilate the room
   b) Wearing appropriate PPE, contain the spill with the nearest spill kit.
   c) Contain and clear up spillage using the absorbent materials from the spill kit.
   d) Used absorbent material will be bagged and labelled and placed in a suitable container for management as hazardous waste. The container will be clearly labelled to indicate its contents.
   e) Report the incident to your supervisor.

In the event the management team are to be notified immediately of any chemical spill, the following people from the Management Team will be contacted as below:

1. John Downes – Facilities Manager
2. Jonathan Keane - Quality and Technical Manager
3. Eddie Cooke - Plant Manager

If a chemical spill enters the stormwater drains the EPA will be notified by one of the Management Team. If a chemical spill enters the washroom drain, the EPA, Clare County Council and Irish Water will be notified by one of the Management Team as per the Environmental Incident Reporting Procedure P080.

6.4 Gas Leak

Regular and Out of Hours – Gas Leak Response

1. There is a low level gas alarm system in place which will shut down the LPG process gas supply in the event a gas leak is registered.
2. However should you notice a ruptured gas line/gas leak immediately contact the ERT or your shift supervisor.
3. Activate the Emergency Break Glass panel closest to your location to activate the alarm and follow the Evacuation procedure.
4. Do not turn on or operate any electrical light or appliance switches.
5. The Shift Supervisor/ERT will activate the Yellow and Red Break Glass panels (See Figure 2) at the entrance to the towers near the shift supervisor's office to shut off gas and electricity supply.
6. If there is a gas leak at the LPG tank in the backyard, the ERT will contact CalorGas (Tel: 01- 269-4800).

The management team are to be notified immediately of the gas leak and the following people from the Management Team will be contacted as below:

1. John Downes: Facilities Manager
2. Eddie Cooke : Plant Manager

A gas leak that impacts on local air quality will be reported to the EPA, Clare County Council and the HSE by a member of the management team as per Environmental Incidents Reporting Procedure P080. Contact numbers are also provided in Section 10 of this document.

6.5 Explosion

Regular and Out of Hours – Response to Explosion

1. Activate the nearest Emergency Break Glass Panel and follow the evacuation procedure outlined in Section 5.0.
2. Contact the ERT or your shift supervisor
3. Contact the Fire Brigade – **Tel: 999/112**
4. Identify if a member of staff is hurt or injured and follow the steps provided for managing a serious injury or medical emergency.

The management team are to be notified immediately of the gas leak and the following people from the Management Team will be contacted as below:

1. John Downes – Facilities Manager
2. Jonathan Keane - Quality and Technical Manager
3. Eddie Cooke - Plant Manager

Assess if the explosion has environmental impacts – if there is any impact on stormwater the EPA, Clare County Council and Irish Water will be notified by a member of the Management Team. If there is any impact on external air quality, the EPA, Clare County Council and the HSE will be notified by a member of the management team, as per Environmental Incidents Reporting Procedure P080. Contact details are also in Section 10 of this document.

6.6 Security/Bomb Threat

Regular and Out of Hours – Response to Explosion

1. Evacuate the site following the general evacuation procedure outlined in Section 5.0.
2. Notify the following people from the Management Team as below:
    a) Eddie Cooke – Plant Manager
    b) Margaret O' Sullivan – H.R. and Health and Safety Manager
3. Contact the emergency services – **Tel: 999/112**
4. Assist the emergency services to determine areas where explosives could be concealed. These include ceiling areas, bathrooms, crawl spaces, utility presses/ rooms, stairways, boiler rooms, storage areas and ceiling lights with easily removable panels.

7.0 CHEMICAL INVENTORY LIST

The chemical inventory list is attached to this procedure. This list details the chemicals held on site and the maximum quantity of each held at any one time.

Hard copies of the Material Safety Data Sheets (MSDS) for these chemicals are maintained in four locations: Shift Supervisor's office, Fulfillment Office, Formulation Room and Debbie Harte's office.

A site plan detailing the location of chemicals and hazardous waste is attached (Drawing No.1).
A second site plan detailing drainage for the site is also attached (Drawing No.2).

8.0 INCIDENT RESPONSE AND POLLUTION PREVENTION EQUIPMENT

An inventory of all incident response and pollution prevention equipment is detailed below:

Spill kits – 6 locations on site
Drain covers
Hose Reels
Fire Extinguishers
Break Glass Boxes
Fire Hydrants
Personal Protective Equipment
Liquid sampling bottles
Liquid sampling equipment

A drawing showing the locations of the above is attached (Drawing No. 3).

9.0 PROCEDURE LOCATIONS

The master electronic copy of this procedure is held in the Quality Manuals Procedures Folder, on the T drive located on the site's main Server.

Printed copies of this procedure are available at Reception and at the employee entrance.

An electronic copy of this procedure is also maintained off-site by the Facilities Manager, Plant Manager and Quality and Technical Manager, in the event an off-site copy is needed.

10.0 EMERGENCY CONTACT NUMBERS

External Emergency Contact Numbers:

Fire Brigade: 999 or 112	Gardai: (065) 9051017 / 9051232
Dr. Carr - Day-time: (065) 9051581	Shannon Doc – Night time (After 6pm) Tel:1-850-212-999
EPA Headquarters (Out of Hours Contact) PO Box 3000 Johnstown Castle Estate County Wexford Y35 W821 Tel: 053-916 0600 Lo Call: 1890 335 599	EPA Regional Inspectorate Cork Inniscarra Co. Cork P31 VX59 Tel: 021-4875540
Irish Water P.O. Box 448 South City Delivery Office Cork City, Cork Tel: 1850 278 278 Tel: 01- 707- 2828	Inland Fisheries Ireland Ashbourne Business Park Dock Road Limerick V94 NPEO Tel: 061- 300238
Clare County Council Áras Contae an Chláir New Road Ennis Co. Clare Tel: (065) 6821616 Out of Hours Emergency: (087) 4169496	HSE - Environment Dept National Line: 045-880442 County Clare: 065-670-6660 (Gerald Leen, Principle Environmental Health Officer).

Internal Emergency Contact Numbers

Saint-Gobain Kilrush – Internal Emergency Contact Numbers:	
John Downes : 086-821-8935	Jonathan Keane: 087-770-3662
Eddie Cooke: 087-776-7333	Jimmy Murray: 087-794-5919
Margaret O' Sullivan: 086-8383675	

11 INCIDENT NOTIFICATION

All emergency incidents must be reported to management and will be processed through Saint-Gobain's corporate GAIA system for recording health and safety and environmental incidents.

In the event that an emergency situation has resulted in a release to the environment, the emergency incident will be reported to the appropriate authorities as indicated in section 6 and following instruction provided in Environmental Incidents Procedure, P080.

12 FIRST AID / DEFIBRILLATOR TRAINED STAFF

The list of First Aid/Defibrillator trained staff is posted in the canteen and at the Emergency Assembly Point.

13 PROCEDURE REVIEW AND TRAINING

All employees are trained annually on this procedure. The procedure will be reviewed following an emergency situation to determine if it is still fit for purpose, or at least annually.

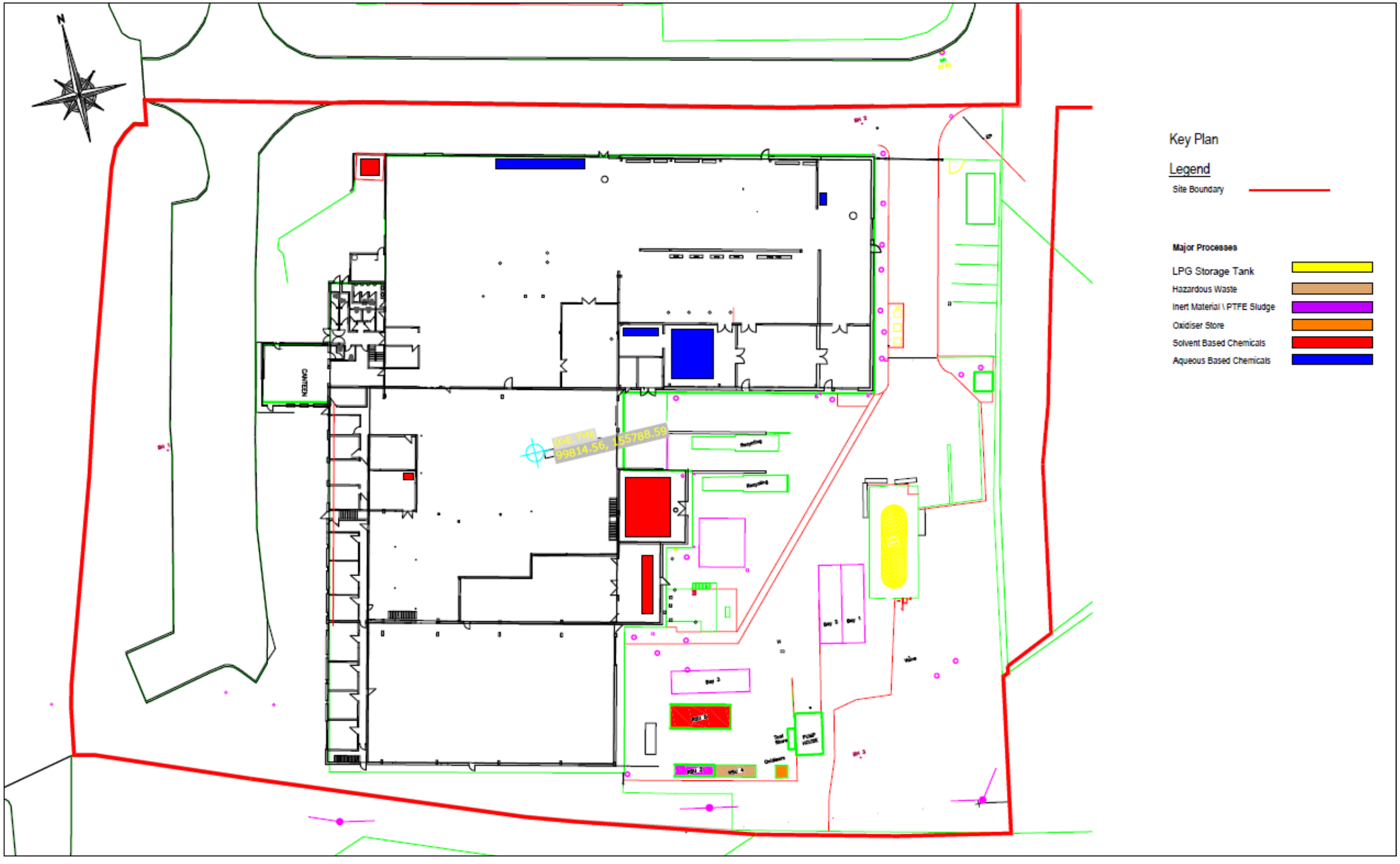
Kilrush Fire Brigade are requested to visit the site annually to ensure familiarity with the site, site layout, raw materials stored on site and the manufacturing process.

14 APPROVALS

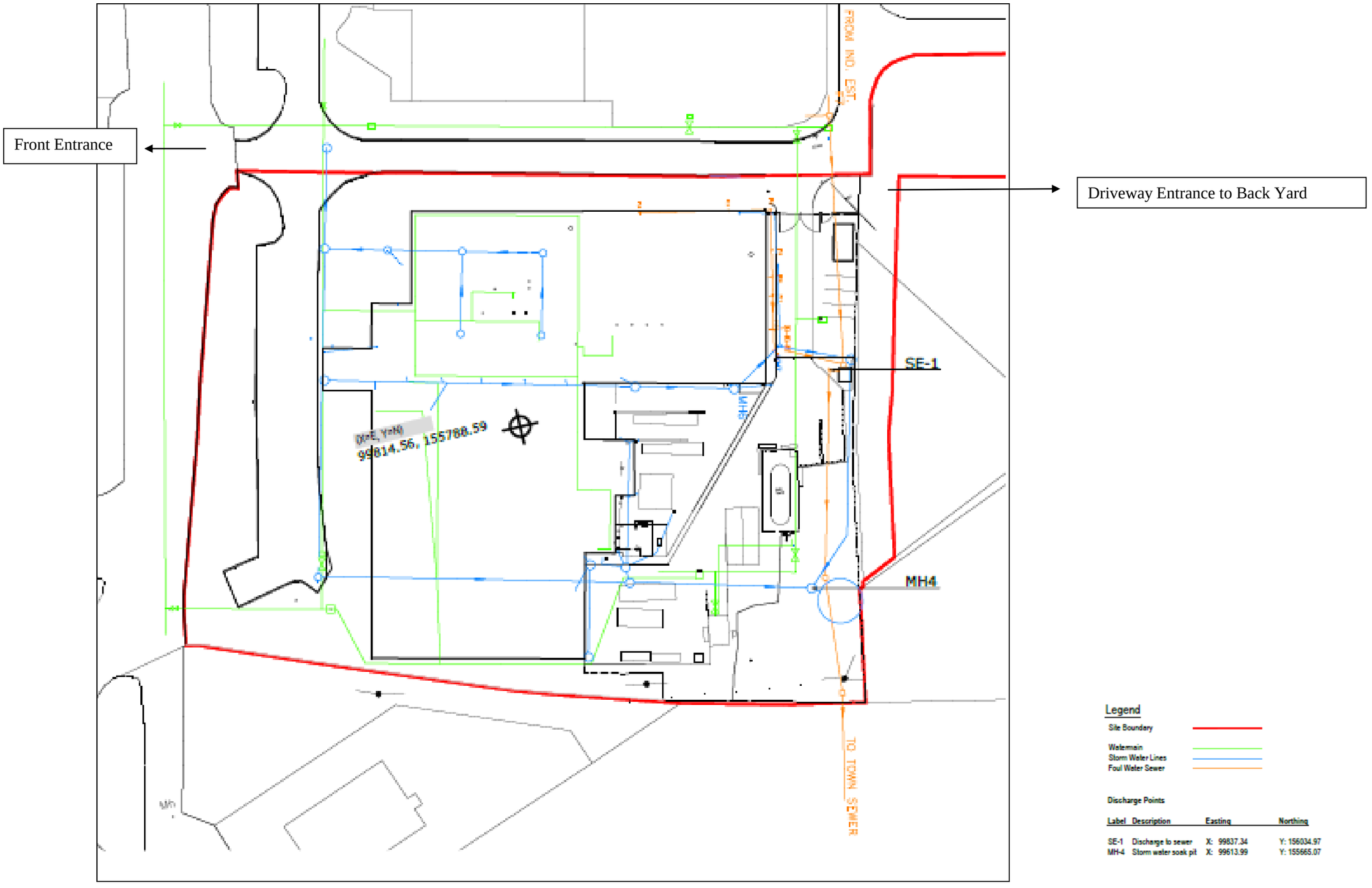
Plant Manager Eddie Cooke	Signed	Date

REVISION HISTORY

Rev.	*Date*	*Details*
0	04/11/08	Original
1	12/01/10	Rev 1,review of procedure in line with current practice, new simplified procedure, section1, 2, 4 & 5 replaced by Section 1 Outline
2	24/05/13	Procedure updated to include environmental section
3	06/11/13	Updated following ERP Training / First Aiders list added
4	29/09/17	Updated to address procedure requirements specified in EPA guidance on ERPs.
5	19/02/18	Updated to include ‘Out of Hours’ action to emergency situations
6	30/05/18	Updated to include action plan following fire-water analysis


N
CANTEEN
Key Plan
Legend
Site Boundary
Major Processes
LPG Storage Tank
Hazardous Waste
Inert Material \ PTFE Sludge
Oxidiser Store
Solvent Based Chemicals
Aqueous Based Chemicals
Recycling
Recycling
Bay 3
Bay 1
Bay 3
PUMP HOUSE
Oxidisers

Drainage Layout - Drawing No. 2.



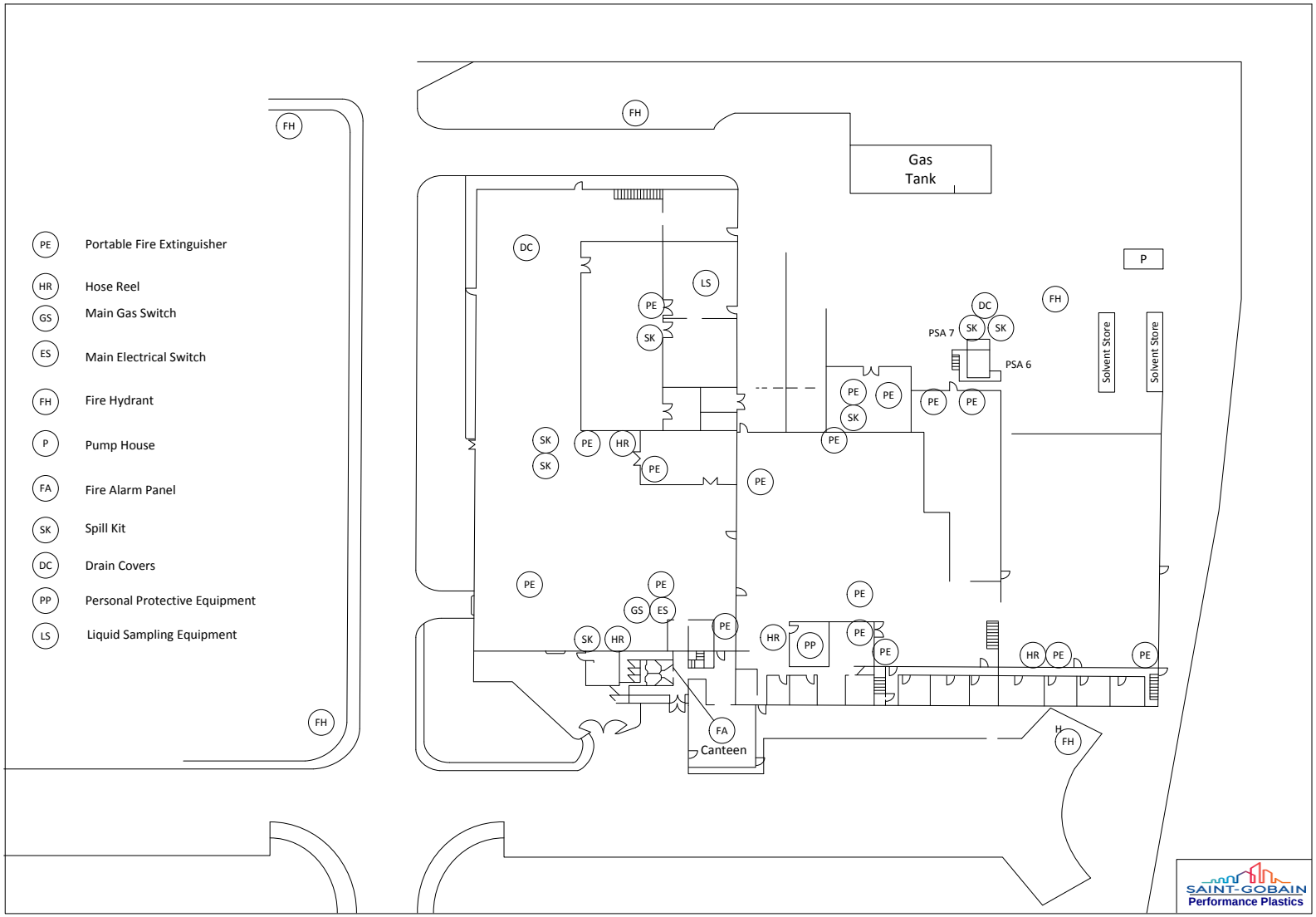
Legend

Site Boundary	
Watermain	
Storm Water Lines	
Foul Water Sewer	

Discharge Points

Label	Description	Easting	Northing
SE-1	Discharge to sewer	X: 99837.34	Y: 156034.97
MH-4	Storm water soak pit	X: 99613.99	Y: 155665.07

Location for Incident Response & Pollution Prevention Equipment. Drawing No. 3.



List of Chemicals on-site. & Storage location 2018	Please refer to "SDS" index for info on CAS numbers and R phrases. Current versions are located in the following Chemdoc Database			SAINT-GOBAIN PERFORMANCE PLASTICS
	http://www.chemdoc.ie/auto_auth.php?a=sswrtyuqavvewqooplrf			
	Actual stock will normally be much less than half the maximum stock			
All chemicals should be treated as hazardous / irritant Yellow = High Risk	Do not store on yard			
	Chemicals must be put into designated location immediately on receipt			

Chemical Name	Max stock on-site at any time (Kgs)	Main Storage location	Other Storage location	R10 Flammable R11 Highly Flammable R12 Extremely Flammable
AKZO /aramid (Kevlar woven fabric)	1,000	Stores	Towers	
Acetone	3	Lab		R11
Acheson/Aquadag 18.0%	500	Tower Mixing Room	Tower Mixing Room	
Algoflon D1612 PTFE Dispersion	10,000	Tower Shelf Storage	Tower Mixing Room	
Ammonium Acetate	100	Tower Mixing Room	Tower Mixing Room	
Ashland/Aroset 1085-Z-45	500	RSU	PSA Mixing Room	R11
BOC/ Oxygen	100	Maintenance		
BOC/Acetylene	100	Maintenance		R12
BOC/Argoshield 5	100	Maintenance		
Bayer/BayFerrox	0	RSU	PSA Mixing Room	
Baysilone P851 silicone resin	600	RSU	PSA Mixing Room	R11
Blue V3285 Pigment	100	Tower Mixing room	RSU	
Calor / LPG gas	49,000	Gas Tank	Pipes in Factory	R12
DuPont Capstone FS-35	35	Tower Mixing Room	Tower Mixing Room	
Carbopol Ultrez 10	25	Tower Mixing Room		
Cab-o-sil M5	25	Tower Mixing room	RSU	
Chemifloc / Caustic Soda solution	2,500	RSU		corrosive
Chain Lube	6	Maintenance		
Chemguard Extra aerosol	12	Towers		
Chemguard 228M = Lodyne 228M	200	Tower Mixing Room	RSU	
Chemsearch/NAT-sil	5	Towers		
Daikin/D610C	10,000	Tower shelf	caster / mixing room	
DOW/HEC 15000	50	Tower Mixing Room		
Dow Corning /LPX White	150	Tower Mixing Room		
Dow Corning DC 1520 Antifoam Emulsion	20	Tower Mixing Room		
Dow Corning E391-06 White rubber	500	Tower mixing room	PSA Mixing Room	
Dow Corning S2400 Red 2 Colour Masterbatch	100	RSU	PSA Mixing Room	
Dow Corning Silicone emulsion ET-4328	250	Tower Mixing Room	RSU	
Dow Corning/ S2400 White 3 Colour Masterbatch	80	RSU	PSA Mixing Room	
Dow Corning / 7358 adhesive	3,700	RSU	PSA Mixing Room	R11
Dow Corning / 7957 adhesive	750	RSU	PSA Mixing Room	R11
Dow corning / VLO 7406 Adhesive	200	RSU	PSA Mixing Room	R11
Dow Corning / Tergitol TMN-6	200	Tower Mixing Room	RSU	
Dow Corning / Tergitol TMN-10	300	Tower Mixing Room	RSU	
Dow/ LPX red iron oxide	50	Tower Mixing Room	RSU	
Dow/ LPX white iron oxide	80	Tower Mixing Room	RSU	
Chemours Disp 33 zero APFO PTFE Dispersion	5,000	Tower shelves	Tower mixing room	
Chemours Disp 33LX zero APFO PTFE Dispersion	20,000	Tower shelves	Tower mixing room	
Chemours Disp 40 zero APFO PTFE Dispersion	12,000	Tower shelves	caster / mixing room	
Chemours Disp 40LX zero APFO PTFE Dispersion	5,000	Tower shelves	caster / mixing room	
Chemours 335D zero APFO PFA Dispersion	500	Tower Mixing room		
Chemours Disp 121 zero APFO FEP dispersion	500	Tower mixing room		
Dupont /Kevlar woven fabric	1,000	Stores	towers	
Dupont/Tipure	150	Tower Mixing Room	RSU	
Engelhard Mearlin Card Silver BN001	50	Tower Mixing Room	RSU	
Engelhard/ Mearlin Copper 9350Z	200	Tower Mixing Room	RSU	
Engelhard/ Mearlin sparkle 911	100	Tower Mixing Room	RSU	
Engelhard/ Mearlin Super Bronze 925	10	Tower Mixing Room	RSU	
Ferro Black PK3060 Pigment	10	Tower Mixing room	RSU	
Ferro/white TFE Paste	200	Tower Mixing room	RSU	
Fluon AD309E	5,000	Tower shelves	Tower mixing room	
Green Kelly V11633 Pigment	250	Tower Mixing room	RSU	

List of Chemicals on-site.
& Storage location 2018

All chemicals should be treated as hazardous / irritant
Yellow = High Risk

Please refer to "SDS" index for info on CAS numbers and R phrases.
Current versions are located in the following Chemdoc Database

http://www.chemdoc.ie/auto_auth.php?a=sswrtyuqavvewqooplrf

Actual stock will normally be much less than half the maximum stock

Do not store on yard

Chemicals must be put into designated location immediately on receipt

SAINT-GOBAIN PERFORMANCE PLASTICS

Chemical Name	Max stock on-site at any time (Kgs)	Main Storage location	Other Storage location	R10 Flammable R11 Highly Flammable R12 Extremely Flammable
GFL AD9100 PTFE Dispersion	10,000	Tower shelves	Tower mixing room	
Goshenol GL-05	50	Tower Mixing Room	RSU	
Grace Davison/ ludox HS-40	300	Tower mixing room	RSU	
Grace Davison/ ludox LS-30	300	Tower mixing room	RSU	
HEC	30	Tower Mixing Room	Tower Mixing Room	
H.Kohnstamm/Velvetine Black Powder	1,500	Tower Mixing room	Mill room	
Houghton/Solcut E	2	Maintenance		
ISO Octane	2	Lab		R11
Lennox/Isopropanol	100	RSU	Towers, caster	R11
Interglas,Porcher,/Continuous Filament Glass Fabric	10,000	Stores	towers	
James M Brown/Ultramarine Blue RA-40 Pigment	100	Tower Mixing Room	RSU	
LPS Laboratories/Precision Clean	100	RSU	Washroom	
Lennox / Aammonium hydroxide 35.0%	30	Tower Mixing Room		Corrosive
Luperox/Luperco BPO	80	Oxidiser RSU	PSA Mixing Room	Oxidiser
Luzenac Pharma M Talc	500	Tower Mixing Room	Tower Mixing Room	
Magnaflux/ Zygol zl 19	50	RSU	Lab	
Merck /methanol	5	Lab		R11
Momentive SE 100U HFR	300	RSU	Tower Mixing Room	
Momentive/ PSA 518	2,750	RSU	PSA Mixing Room	R11
Momentive/SS4191B Crosslinker	20	PSA Mixing Room	RSU	
Momentive/SS4192C Catalyst	5	PSA Mixing Room	RSU	R11
Momentive/SS4195 A D1 Primer	100	PSA Mixing Room	RSU	R11
Momentive/SS4191 A Primer	100	PSA Mixing Room	RSU	R11
Momentive/SS4259C Accelerator	10	PSA Mixing Room	RSU	R11
Penncolor 30S772 Ultramarine Blue slurry	100	Tower Mixing Room	RSU	
Penncolor 30B734 K Black Slurry	100	Tower Mixing Room	RSU	
Penncolor 30S737 Blue Slurry	100	Tower Mixing Room	RSU	
Pro Nature Orange Solvent	40	Stores	Inspection & PSA	
Prox A-300 viscosifier	50	Tower Mixing room	RSU	
Pulver BPO	50	Oxidiser RSU	PSA Mixing Room	Oxidiser
ROHM AND HASS/ Orotan 731 k	50	Tower Mixing Room	RSU	
Rockwood/Red Iron Oxide R3098	250	Tower mixing room	RSU	
Rockwool/Rockwool	1,230	Maintenance		
Rhodoline 270	25	Tower mixing room	RSU	
Rohm and Haas/ Acrysol ASE-60 P	200	Tower Mixing Room	RSU	
Rohmand Haas/Triton X 100	200	Tower Mixing Room	RSU	
Solvay/Technoflon TN Latex	100	Tower Mixing Room	RSU	
SRC Cloth /Chemfab	50	Maintenance		
SSR ultr coolant	1	Maintenance		
Shel/Darina R2	12	Comp. Shed		
Shel/Omala oil	10	Comp. Shed		
Shel/Tivela sc	5	Comp. Shed		
Shell Tellus 37 Hydraulic Oil	200	Maintenance		
Sherman treaters/Surface tension Pen	2	Lab		R10
Shin-Etsu KRT-009 PSA Adhesive	200	PSA Mixing Room	RSU	R11
Air products/Surfonyl 420	100	Tower Mixing Room	RSU	
Air Products/Surfonyl 465	100	Tower Mixing Room	RSU	
Texmatt 6005 PMMA	20	Tower Mixing Room	RSU	
Thermal Ceramics/Kawool	50	Maintenance		
Toluene	1,000	PSA Mixing Room	RSU	R11
Triton CF32 surfactant	200	Tower Mixing Room	Tower Mixing Room	
Triton X-100 surfactant	200	Tower Mixing Room	Tower Mixing Room	
Union Carbide/ Silane A 1100	200	Tower Mixing Room	RSU	
Silwett L-77 = Chemguard L77	250	Tower Mixing Room	RSU	
Unidyne TG 8151	10	Tower Mixing Room	RSU	
Vicote 704 (PEEK)	10	Tower Mixing Room	RSU	
Xylene	1,600	RSU	PSA Mixing Room	R11

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