



## THERMAL TREATMENT AND AUTOCLAVE FACILITY EMERGENCY RESPONSE PLAN

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## 1 CHANGE HISTORY

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Rev No.	Description of Change	Date
0	First issue	05.05.2015
1	Update in the ERP due to the introduction of the Autoclave Facility	09.05.2016
2	Update in procedures to include fighting larger scale fires. Moved some content to Appendices.	17.08.2019

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### 3 LIST OF APPENDICES

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Appendix I	Controlled Document 33a Contact Numbers
Appendix II	Controlled Document 33b TTF Fire Safety Drawings
Appendix III	Controlled Document 33c Emergency Equipment
Appendix IV	Controlled Document 33d Chemicals

## 4 INTRODUCTION

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The plan is intended to set up standard procedures in the event of emergencies, allocating responsibilities and the immediate action to be taken in the event of fire, bomb threat, injury, and oil or chemical spill, in order to minimise the consequences of any incident. This plan meets the requirements for contingency planning as required by LN37 of 2003, as amended by Legal Notices 6 of 2005 and LN4 of 2014 (Article 30 of Directive 2012/18/EU of the European Parliament and of the Council amending Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances).

The plan will ensure that all efforts are co-ordinated through one point and to a common aim.

Although this Emergency Response Plan covers both the Thermal Treatment Facility and the Autoclave Facility, it is important to note that the two facilities have a distinct Emergency Response Team and an emergency in one of the facilities will not necessarily trigger the emergency response of the other.

### 4.1. Aims

- Ensuring safety of personnel (plant personnel, public and response personnel).
- Minimising or avoiding damage to plant, third party property and to the environment.
- Minimising or avoiding financial loss.

### 4.2. Limitations

The scope of this plan is limited to fire, major injury, and major chemical spills and will be implemented as determined by the Facility Manager, Plant Engineer, or Head of Shift on duty (as applicable). However the principles involved are adaptable to other emergencies.

### 4.3. Notes

This plan has been distributed to the following authorities:

- Environmenta and Resources Authority (ERA)
- Occupational Health & Safety Authority (OHSA)
- Civil Protection Department (CPD)

The Civil Protection Department (CPD) has also based its response to incidents according to our emergency plan.

Controlled copies of this document shall be made available at the Security Office and at the Weighbridge.

## 5 DEFINITIONS

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### 5.1. Emergency Response Team

The **Emergency Response Team (ERT)** shall be made up of a group of key employees selected in accordance to their role and/or their physical location within the company. All members of the ERT shall receive adequate training in their role.

The **ERT (Affected Area)** is the member of the ERT who is closest to the area where the emergency occurred.

### 5.2. Traffic Control

In case of emergencies, no vehicles will be allowed to enter or leave the site unless this is necessary to make way for emergency services to enter the facility.

This task will be handled by the **Weighbridge Operators / Security**.

### 5.3. Assembly Point

The Assembly Point is where all staff and visitors who are not part of the Emergency Response Team gather in case of an evacuation of the facility. The Assembly Point for both the TTF and Autoclave facility is located in *Triq Garrick* (in front of Borg Cold Stores) which is just around the corner from the TTF entrance.

The Assembly Point (AP) is clearly indicated with a green sign and wording '*Assembly Point*'.

### 5.4. Meeting Point

The Meeting Point is where the Emergency Response Team meets during an emergency. The Meeting Point (MP) at the TTF is located outside the Security office.

### 5.5. Staff

All personnel not forming part of the **Emergency Response Team**.

### 5.6. Chief Officer Strategy and Implementation

In case of an emergency situation, communications with the media and the general public will be handled by the **Chief Officer Strategy and Implementation (COSI)** only.

In addition to the **COSI**, the **Company Secretary** is to be informed of the incident/emergency as soon as possible.

### 5.7. Contractors

Contractors working on-site must be briefed on safety procedures on their first day at the facility and prior to start working.

## 5.8. Vulnerable persons

Vulnerable persons are those persons who are at more risk than others in cases of an emergency. This includes but is not limited to visitors, young persons, pregnant or breastfeeding workers, persons with different abilities, and injured persons.

The ERT must ensure the safety of any vulnerable persons within their area of control by assigning personnel to assist them throughout the emergency.

## 5.9. Civil Protection Department (CPD)

The Civil Protection Department (CPD) are responsible for fire fighting and rescue operations, emergency planning and handling of major incidents.

CPD can be contacted through the general emergency number:

**Emergency: 112**

## 5.10. Occupational Health & Safety Authority (OHSA)

The OHSA is the local Authority for all matters relating to Health & Safety at work. The authority must be alerted to any serious incident and injuries to workers.

## 5.11. Environment and Resources Authority (ERA)

ERA is responsible for general environmental issues. The authority must be informed by the Technical Competent Person in case of fire and/or any spills reaching sewer, road, soil and/or sea.

## 5.12. Fire and/or Explosion

A fire or explosion could generate highly toxic or corrosive fumes. Flying debris might result from explosions or compressed gas cylinder failure. Process system disruption, loss of plant control, and breach of process system boundaries could result from the flying debris. In addition, heavy smoke could disrupt the operation of the ventilation system.

## 5.13. Major Injury

A major injury is an injury which results in one or more of the following:

- fracture of the skull, spine or pelvis;
- fracture of any bone other than the wrist or ankle;
- amputation of a hand or foot;
- the loss of sight of an eye; or

- any other injury which results in the person injured being detained in hospital for more than twenty-four hours other than for observation.

#### 5.14. Major Spill

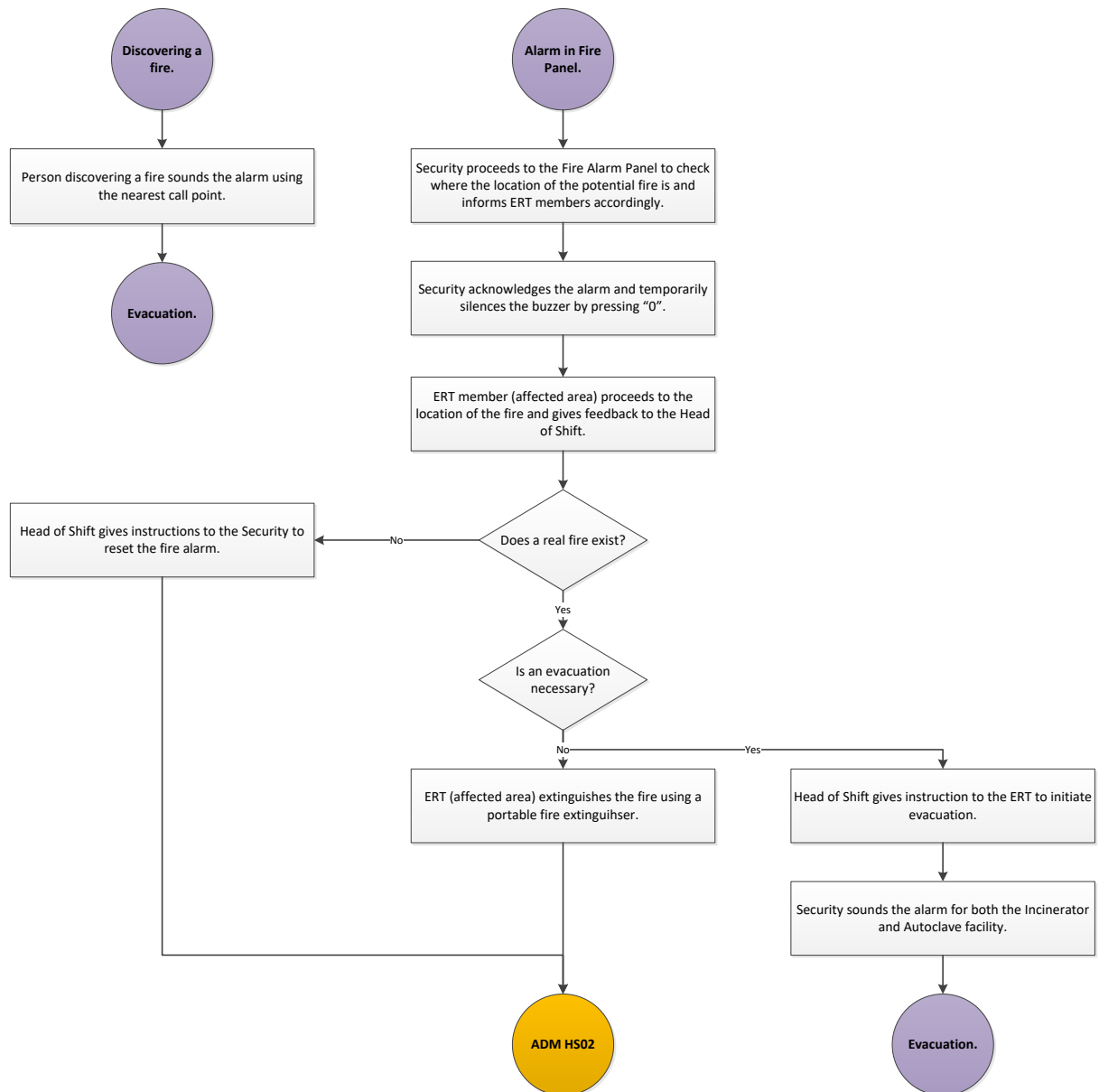
A major spill is a spill of a chemical exceeding 10L.

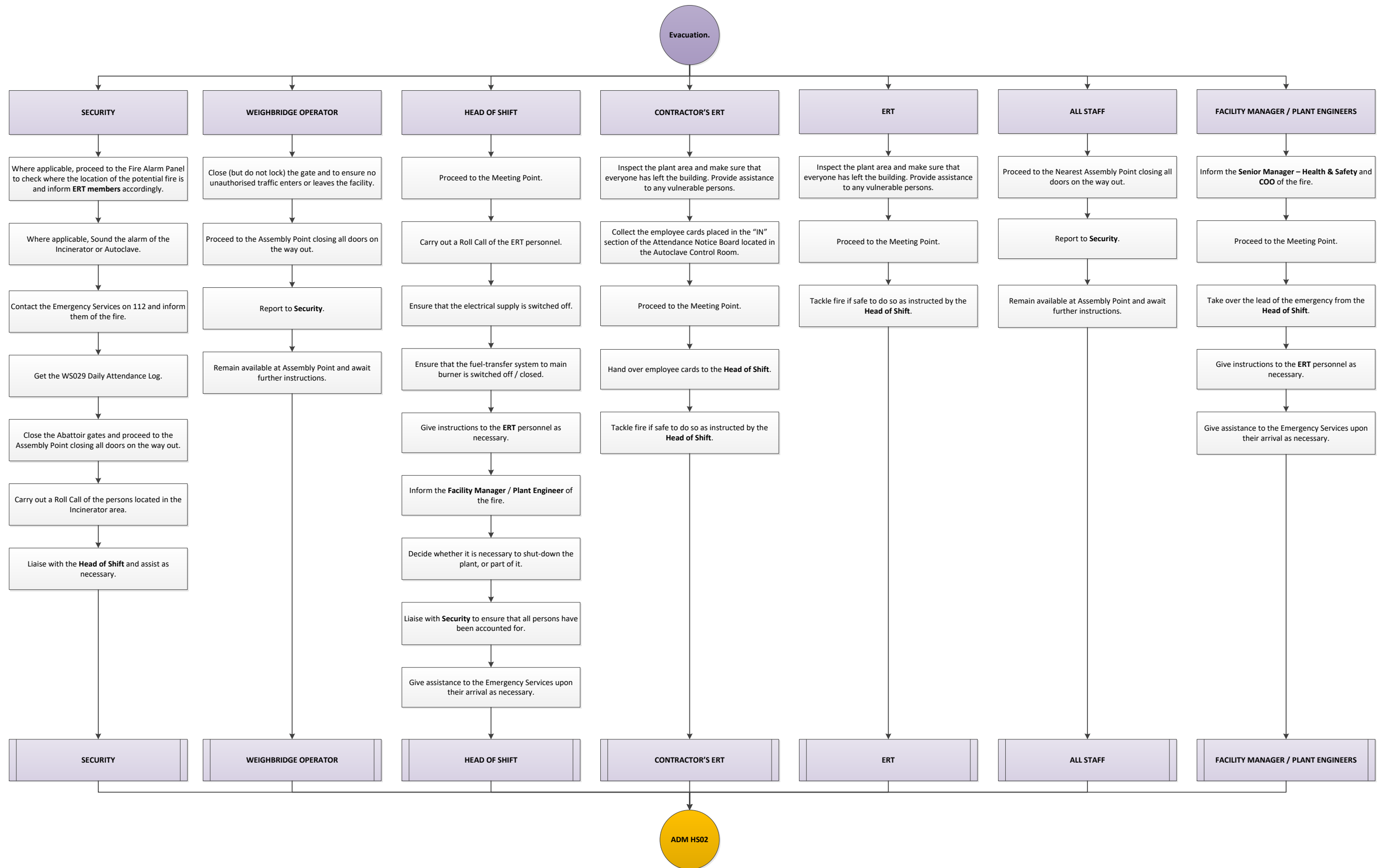


## 6 ACTIONS TO BE TAKEN

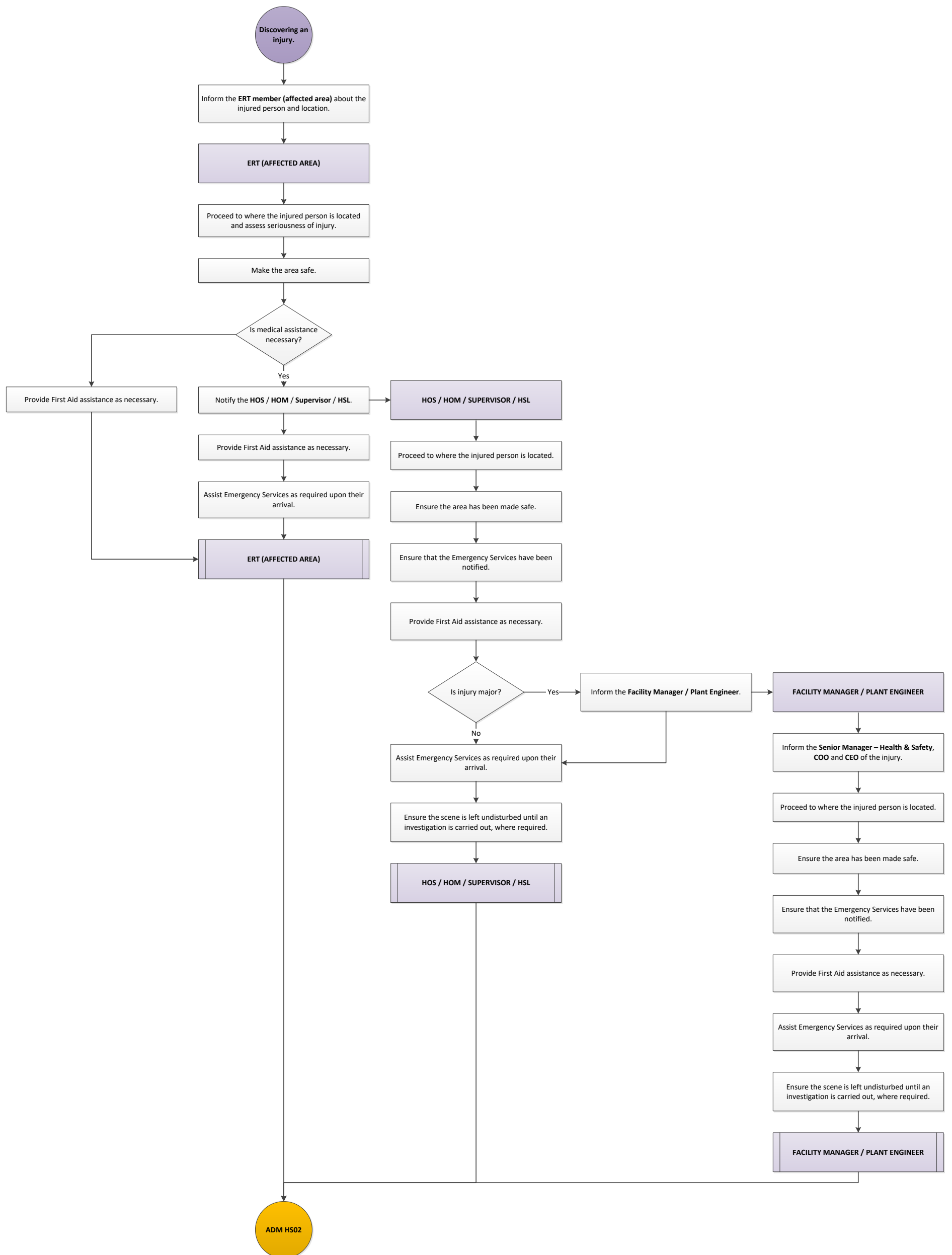
This section describes the actions to be taken by the persons defined above.

### 6.1. Fire

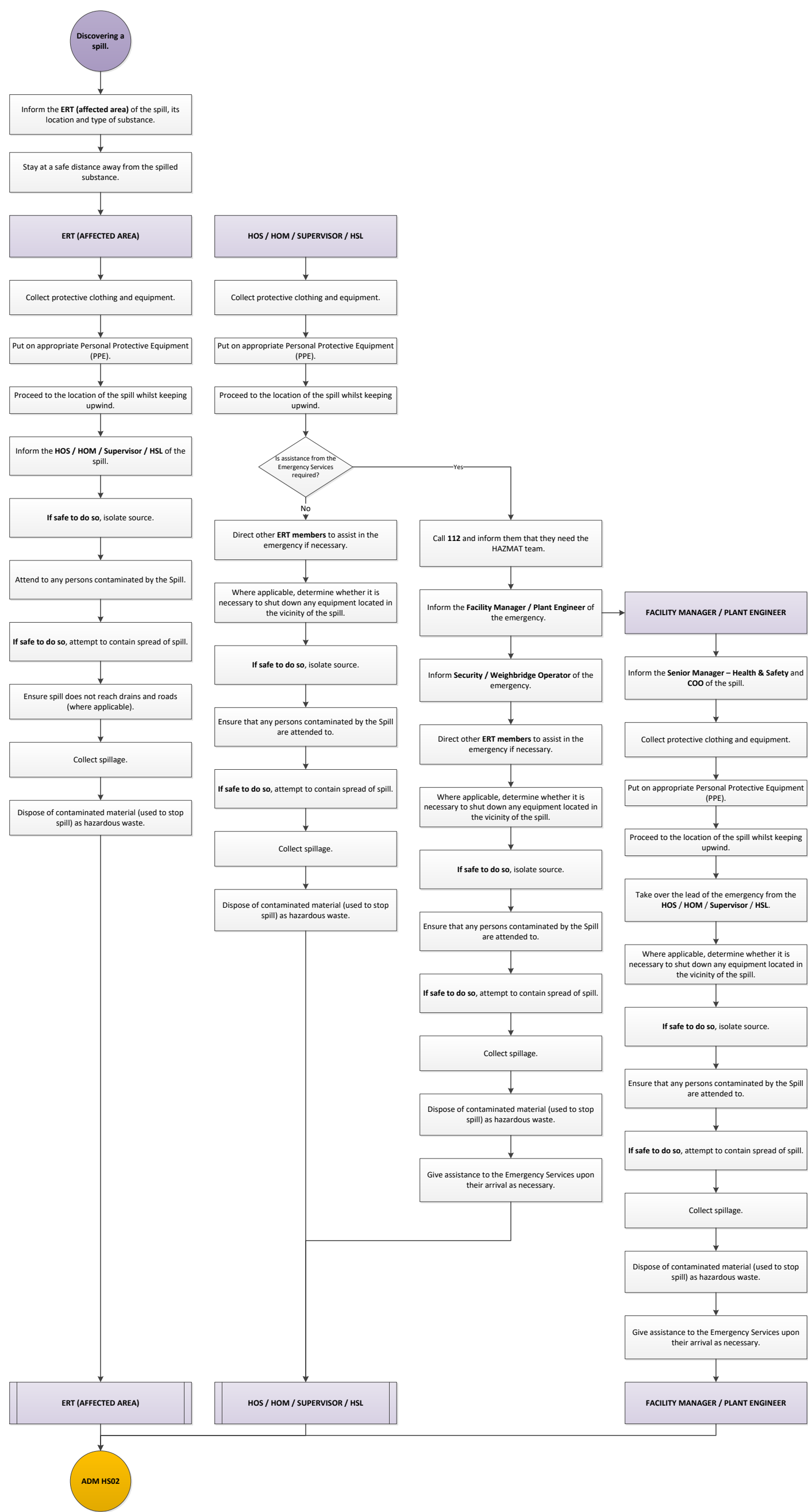




## 6.2. Injury



6.3. Spill



#### 6.4. List of personnel to be kept on site

- Members of the Emergency Response Team
- Security personnel (including Head of Security)
- Weighbridge Operator/s
- Storekeeper/s
- Cleaner/s

## 7 NOTIFICATIONS

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The table below shows the list of personnel and agencies/authorities that must be notified of incidents or emergency situations. Phone numbers are listed in Appendix I for ease of reference.

	Fire	Injury	Spill
Supervisor / Head of Shift	✓	✓	✓
Facility Manager / Plant Engineer / Contractor	✓	✓	✓
Chief Operations Officer (COO)	✓	1	✓
Senior Manager – Health & Safety	✓	✓	✓
ERA	✓		2
Occupational Health & Safety Authority (OHSA)		1	
Police		1	
Transport Malta (TM)			2
Water Services Corporation (WSC)			3

**Note:**

[1] Notify only if injury is major.

[2] Notify if spill reaches land (including unlined cells), road and/or sea.

[3] Notify if spill reaches the drains.

As per internal procedure, incidents and/or accidents must be reported to direct superior and/or management.

The management shall in turn notify the governing authority of the incidents or accidents.