

SPTS Accident Management Plan

The SPTS Accident Management Plan is a signpost document that consists of a number of Environmental and Safety policies, procedures and related documents. It is used to indicate which documents are used and referenced with respect to the management of any Accident or Incident. The referenced documents include, but are not limited to:

- Environmental Management Manual
- Emergency preparedness and response – environmental
- Fire evacuation Procedure
- Gas evacuation Procedure.
- Breathing Apparatus (BA) Procedure.
- Accident / Incident/ Near miss Form.
- Aspects & Impacts Register
- Site Protection & Monitoring Plan
- Business Continuity Plan

SPTS is certified to ISO14001 (2015) and OHSAS18001 and as a result is externally audited. This is currently undertaken by BSI in regard to our operational control and systems management.

In addition, we have a senior management review on an annual basis whereby items such as risk assessment, performance, objectives and targets, legal (and other) compliance, policy and measurement and control, are discussed at the highest level. Near Miss situations, incidents and accidents, as well as preventative and corrective actions, are also reviewed and discussed.

SPTS holds quarterly EHS committee meetings with employee representatives from across the workforce, there are also monthly reviews for action tracking and progress reports. Contractors to our site are subject to our contractor control procedures and work permit procedures and are trained in site safety and waste management.

The testing of emergency procedures also takes place and is done in multiple ways.

There are individual tests undertaken on individual parts (of the detection and evacuation system), -these are scheduled regularly, all the way through to full system tests and site evacuations done much less frequently (but at least annually).

SPTS has not experienced any significant accidental spills or releases and we are aware of our duty to report such incidents should they arise.

Apart from liquid nitrogen, it should be noted that only small amounts of inert, flammable and toxic gases are used on-site, as well as some corrosive liquid substances (for R&D purposes and for the demonstration of SPTS tools). The manufacturing areas use only inert gases in their assembly and build operations. The quantities of substances used throughout the site are considered small thereby presenting minimal risk to the environment.

A Drager gas detection system is in place in order to alert SPTS of any unintended gas releases. Detection levels are set at 'safe' levels below the corresponding Workplace Exposure Limit so that immediate investigatory work can be undertaken before any serious situation occurs.

The Drager gas detection system monitors the extract systems, R&D/development clean rooms (including under the floor of these areas) as well as the service chase areas.

This system is maintained annually by Drager Gas Systems Ltd. Additionally, the main Drager panel and Drager detection heads are checked on a daily basis by the Facilities Technicians as part of their preventative maintenance schedule.

It should be re-iterated that the relatively small quantities of materials used at the site, combined with the early detection systems and intrinsic interlinking of these, should all combine to negate any chances of serious environmental incident.

Members of the management team have been trained as Incident Controllers in order for SPTS to respond effectively to any type of emergency. There is also a full team of trained First Aiders and an Emergency Response/ Breathing Apparatus (BA) Team who are also trained to assist with control of any emergency situation.