

2.1 - UPS and CER Rooms Fire Alarm System

The UPS and CER Rooms Fire Alarm System has been supplied, installed, tested and commissioned by Preussag Fire Protection Ltd beyond the scope of this contract and who provide their own documentation for this system. The following is a brief description of the installation which should assist with the familiarisation of the system before the full documentation supplied by the manufacturer is consulted.

Two four zone fire alarm panels have been installed within the corridor to serve each room. the entire building. The panel is configured as follows:-

Zone One	-	High Level
Zone Two	-	Floor Void
Zone Three	-	High Level
Zone Four	-	Floor Void

Each zone incorporates an optical smoke detector and an ionisation smoke detector, those detectors within the floor void are provide with remote indicators. Each panel is also provided with an alarm circuit which serves a sounder and flashing xenon beacon. Four auxiliary contacts are also taken from each panel, three link to the general fire alarm system to provide two stage alarms and fault indication. The third auxiliary contact trips the EPO system and activates the Hi-Fog Mist System (by others).

For the locations of the equipment and the routes of the cables, please refer to the as installed drawings within Section Ten of this manual.