

TTS Fire & Security Ltd. Installation Risk Assessment

Operation	Method of Work	Risk Factor	Measures by TTS Fire & Security Ltd.	Measures By client
General	All works	Exposure to asbestos which may have been used during original building works 3	Prior to commencement of works liaise with client Be vigilant at all times. Stop work immediately asbestos is suspected.	Notification to staff and contractors of all known contamination. Regular checks of site areas for signs of asbestos during works.
Marking out	Marking of cable routes, hole positions and equipment location	Use of steps or tower and working at high level 3	Use of:- Trained personnel, correct tools. Notification to client of working area.	Notification to staff that works are taking place.
Drilling	Hand held 110v power tools. The drilling of 5.5mm diameter holes up to 50mm deep. Or use of 12-volt drill.	Use of access equipment to work at high levels. Use of power tools. Dust. 3	Use of trained personnel. Dust caps fitted to power tools. Small tools used whenever possible.	Notification to staff that works are taking place.
Cabling	Pulling in of cables in areas where runs were marked and drilled. Drilling of access holes up to 50mm diameter.	Cable unrolled on floor whilst being installed over a large area. Working at high level. 2	Sufficient working area roped off to enable safe working.	Ensure that staffs are aware that the area roped off is out of bounds for their own safety.
Terminating, Second fixing	Terminating of cable. Testing and phasing. Installation of field devices.	Working at high level. Isolated areas of work- Use of test equipment. 3	Trained personnel only Access to high levels using correct equipment	Notification to staff that works are taking place.

Risk Factor 1=Very Low
2=Low
3=Medium
4=High
5=Very High

TTS Fire & Security Ltd. Commissioning Risk Assessment

Operation	Method of Work	Risk Factor	Measures By TTS Fire & Security Limited	Measures By Client
Terminating cables into panel	Looming/Cutting and terminating of field and mains cables	Use of hand tools. - Mains voltages may be present 3	Use of Trained personnel Notification to occupants. Ensure mains is switched off.	Notification to staff that works are taking place.
Fitting detectors into bases.	Installation of detectors into bases. Work at high level	Use of access equipment - height 3	Trained personnel, correct tools and access equipment. Notification to occupants.	Notification to staff that works are taking place.
Testing audible alarms and testing detectors	Sounding of audible alarms for extended periods.	Disruption to building occupants Any real fire occurring during the test not being dealt with 2	Notification to staff as to the exact areas that testing is taking place.	Extra vigilance by all occupants for any incidents occurring during testing.
General	Working in occupied corridors and entrance foyers	Obstruction of fire exits and general circulation areas 2	Keep disruption to a minimum by keeping tools and equipment in a tidy manner	Notification to staff that works are taking place.

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