**HIGH RISE BUILDINGS OVER 18 METRES**

**HAZARDS**

* Fire spread - external
* Fire spread - internal wind driven
* Smoke spread
* Unstable structure
* Cable entanglement
* Wall panel failure
* Falling materials
* Extended lines of communication
* Building security
* Complexity of internal layout
* Failure of fixed installations, engineered solutions and firefighting facilities
* Construction or refurbishment
* Congestion of access and egress routes
* Physical workload
* Persons shut in lifts
* Casualty management

**ACTIONS**

* Cordon - consider debris, glass, panel failure
* External scan - 360 - TIC
* IBE - additional appliances - evacuation - METHANE message
* Secure lifts (exit 2 floors below fire)
* Communications - mobile phone
* Equipment, tool dump
* Rapid fire condition - safety team prior to attack
* RVP for aerial appliances
* Water supplies - twin - check landing valves
* Max 2 attack and 2 safety jets per riser
* UHPL internally
* Deploy hose reels (6 floors)
* Control access and egress
* Equipment staging area
* Above bridgehead affected by smoke - BA under air
* Above bridgehead not affected by smoke - BA not under air - donned if required by wearers
* Below the bridgehead - no RPE
* Stairwell protection teams with gas detection
* Smoke curtains
* Attack teams - fire sector
* Safety teams - fire sector - protection of attack teams
* Nearest riser outlet - can be fire floor
* Consider external sectors

**CONSIDERATIONS**

* IBE - GERDA, PEEPs, CCTV, fire action plans
* Preserve scene for subsequent investigation
* Assess all areas affected by smoke for safe air using gas detector
* Drain and secure riser
* Inform responsible person to reinstate the lift

**IMAGES**

High Rise Sectors