

### **Routine Isolation Guideline:**

This guideline be utilized as an aide to determining routine isolation or an impairment application is required -

•Automatic detection and alarm Systems, if the works proposed **does not** –

1. Require more than 1 level isolation, whether in 1 zone or multiple zones and not another system type for the same level or area.
2. Require the master isolation(s) of sub system ACF, Warning System, or Air handling systems such as FFCIF or affects more than 1 level for the same sub system.
3. Affect the Mains power with disruption exceeding 2 hours.
4. Affect the operation of more than 1 level of detection/control field devices by individual analogue loop(s) or branch.
5. Require Isolation of sub Fire Indicator Panel or Sub system in a single or multiple zones.
6. Require isolating any Alarm Signalling Equipment (ASE) input.

•Emergency warning systems, if the works proposed **does not** –

1. Affect the operation of any devices of more than 1 level, whether in 1 zone or multiple zones and not another system type for the same level or area.
2. Require the master control in the off automatic selection or disruption to any internal communicated sub system.
3. Affect the Mains power with disruption exceeding 2 hours.

•Hydrant and Hose Reel Systems, if the works proposed **does not** –

1. Affect water supply or it's delivery to more than 1 level, whether in 1 zone or multiple zones and not another system type for the same level or area unless under isolation for testing purposes with qualified and authorised technician available onsite at all times for periods not exceeding 2hrs or any other impaired situation for periods exceeding 8hrs

•Sprinkler / Deluge Systems, if the works proposed **does not** –

1. Affect water supply or it's delivery to more than 1 level, whether in 1 zone or multiple zones and not another system type for the same level or area unless under isolation for testing purposes with qualified and authorised technician available onsite at all times for periods not exceeding 2hrs or any other impaired situation for periods exceeding 8hrs

•Fire Pump Sets, if the works proposed **does not** –

1. Inhibit general operation including cranking, unless under isolation for testing purposes with alternative pump drive where available and qualified and authorised technician available onsite at all times for periods not exceeding 2 Hrs.

•Emergency Lighting, if the works proposed **does not** –

1. Affect operation of lighting systems for periods exceeding 2 Hrs.

(The routine 90min testing is not deemed an impairment)

•Paths of egress for emergency proposes including stairwells, if the works proposed **does not** –

1. Impede or is deemed or may appear unsafe, or where an alternative path of egress is required.

•Fire Doors/ Smoke curtains or activated barriers, if the works proposed **does not** –

1. Affect the intended operation of any motorised barrier within 3 or more fire compartments unless under isolation for testing purposes with qualified and authorised technician available onsite at all times for periods not exceeding 2hrs or any other impaired situation for periods exceeding 8hrs
2. Render smoke or fire doors ineffective within 2 or more fire compartments unless under isolation for testing purposes with qualified and authorised technician available onsite at all times for periods not exceeding 2hrs or any other impaired situation for periods exceeding 8hrs

•Air handling systems that form part of or are integrated with smoke management systems, if the works proposed **does not** –

1. Affect the operation of any AHU plant for more than 1 level, whether in 1 zone or multiple zones and not another system type for the same level or area, unless under isolation for testing purposes with qualified and authorised technician available onsite at all times for periods not exceeding 2hrs or any other impaired situation for periods exceeding 8hrs
2. Require the master isolation(s) of sub system ACF or Air handling systems such as FFCIF or affects more than 1 level for the same sub system at the Fire Indicator Panel.
3. Affect the Mains power of disruption exceeding 2 hours.

•Extinguishers / Fire blankets, if the works proposed **does not** –

1. Render any individual asset inoperative or missing from the original location unless under service for testing purposes with a loan asset to be utilised where a new asset is proposed.