

FIRE RISK ASSESSMENT

LOCATION

Brownhill learning

DATE

10th June 2024

Rev 1

HAZARDS

- **Fire/ Burns /Fume inhalation/ smoke damage to equipment and property.**
- **Sources of ignition - Abrasive wheels (grinding), braising & soldering, asphalt and lining works.**

SIGNIFICANT RISK

- Fire resulting in injury to site operatives, 3rd parties (visitors and staff)
- Fire damage to new build area
- Fire spread to adjacent property via radiation
- Blockage of fire escape routes and emergency access to site & adjacent properties

MEANS OF ESCAPE

- Use most direct means of escape initially through door & window openings.
- Exit through site hoardings & fences and gather in assembly area
- Fire routes/gates are to remain open throughout working hours, secured only when site is unoccupied.
- FIRE EXIT signage shall be provided when practical to do so

EXISTING FIRE SAFETY PROVISIONS

- No Smoking
- Fire plan - all routes and exits are clearly identified and signed.
- Fire extinguishers to be located in site welfare area
- Existing escape routes to remain clear of any obstruction and have adequate lighting.
- Hot works procedure to be followed (inform site manager at start/finish)



SITE REQUIREMENTS - (Specific Action Plan)

Fire Points – An initial fire point will be established on site. These will be positioned in the site welfare area and the site compound. Additional points will be established as works progresses.

1 x Foam extinguisher, 1 x CO² extinguisher, 1 x Water, 1 x Alarm system at the welfare/site office

Fire alarm test shall be conducted by the Site Manager periodically to establish safe evacuation times (less than 2 minutes 30 seconds). Site Manager to record date of test.

Access and Egress – Access routes to neighbouring properties must be maintained throughout the project for emergency services. Any obstructed routes must be coordinated with the Clients management team and incorporate a control plan. Initial fire escape routes will follow the planned routes, where practical signage will be displayed.

Hot Works – Management of high-risk works involving ignition sources will be controlled using a permit system. Hot works permits are to be issued by the site manager on a daily basis. During hot works the Clients building manager is to be informed when starting finishing. Control measures listed within the permit are to be adhered to. This includes provision of a suitable extinguisher located within 5m of the works.

Work must stop 60 minutes prior to the end of each working day to allow for a follow up inspection. Site Manager to inspect area prior to site close down.

Housekeeping - Work areas must be kept clear at all times especially access routes. Obstruction of access routes is not permitted at any times without notification of the Site Manager. (Minimum walkways of 1.5m are to be maintained). Escape routes are to be checked daily by the Site Manager.

Combustible wastes such as timber, card and other packaging must kept to a minimum and remove to the skip area at the earliest opportunity. No flammable material shall be situated near a source of ignition. PLP are responsible to ensure site waste skips / flammables are located well away from the new structure.

Electrical Works - Poorly installed and maintained electrical equipment has a greater fire potential. The site manager must ensure that; The installation is done by a competent electrician.

All contractors are to ensure that; All portable electrical equipment will be portable appliance tested (every 3 months) in accordance with the Electricity at Work Regulations 1989.

Information & Monitoring - All operatives are to be instructed at induction on the appropriate safe measures and evacuation procedures. The Site Manager shall nominate a Fire Marshall for the area of works to maintain the fire plan. The Site Manager will be the main point of contact in case of a fire and is to ensure the fire service is alerted and that all personnel are accounted for.

All operatives must be informed of the alarm and a fire drill carried out as soon as possible, the method of raising the alarm at Brownhill will be air horn, once the permanent fire detection systems have been fitted the method will be reviewed.

Seen and agreed by: 10th June 2024

Signed

Site Manager

GMCT Ltd

Brad Daniel



REVIEWED BY

To be conducted after initial site set up (7 days), during site visits or when structural changes arise.
For any review requirements please discuss with the GMCT Ltd