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| **Assessed By:** | | **Kevin Lovett** | | | | | | | | | **Risk Assessment No:** | | | | | **RA11** | |
| **Hazard Identified:** | | **Hot Works** | | | | | | | | | **Date Reviewed:** | | | | | **June 2025** | |
|  | | | ***A*** | | | | | ***B*** | | | | ***C*** | | | | ***D*** | |
| **Who’s at Risk?** | | | | | **Severity** | | | | **Likelihood** | | | | **Risk Rating** | |
| **E** | | **C** | **P** | | **3** | **2** | **1** | | **3** | **2** | | **1** | **B x C = D** | |
| **🗸** | |  |  | | **🗸** |  |  | | **🗸** |  | |  | **9** | |
| Risk Assessment Ratings | **6-9 High Risk** | | | | | | **4 Medium Risk** | | | | | | | **1-3 Low Risk** | | | |
| **Key** | | | | | | | | | | | | | | | | | |
| **A**  E = Employees  C = Contractors  P = Public / 3rd parties | | | | **B**  3 = Death or Major injury  2 = Reportable injury  1 = Minor Injury – Time off unlikely | | | | | | | | **C**  3 = Very likely  2 = Possible  1 = Unlikely or Very Unlikely | | | | | |
| **Hazard Control Measures** | | | | | | | | | | | | | | | | | **Residual Risk** |
| * Only trained and competent persons shall carry out a soldering operations; * Follow all precautions outlined in the Hot Works Permit and ensure that any combustibles are removed or covered; * Ensure that a suitable fire extinguisher is located at the workplace e.g. water for solid fires, CO2 for electrical fires, dry powder for all fires, foam for fuel/liquid fires; * Ensure all persons are aware of the emergency procedures for the site; * Assess the material you are cutting for any potential gases that may be given off. Specific RPE shall need to be selected and worn; * Wear the correct PPE, which may require specific eye protection for the risk, flame retardant overalls, gaiters, aprons; * The area will be checked beforehand to ensure that it is clear of any flammable materials; * All hot-works will cease 1 hour before the close of work; * Operatives will carry out a fire check prior to leaving the site; * During all hot-work operations there will be a portable fire extinguisher to hand; * Where practicable, all hot-works will be undertaken away from combustible materials; * Only small quantities of adhesives will be stored on site; * Adhesive containers will not be exposed to naked flames or extremes of temperature; * Empty adhesive containers will be disposed of in a suitable container. | | | | | | | | | | | | | | | | | **Low**  **(3)** |