

Company Name

SAFE WORK PRACTICE

LIGHT WELDING OPERATIONS

SPECIAL EQUIPMENT REQUIRED

Welding shield

Welding gloves

Welding machine, cables and electrode holder

Fire resistant clothing

INTRODUCTION

Maintenance of construction equipment frequently requires light welding for minor repairs to metal parts. Operators and maintainers who do maintenance-type welding are often not fully qualified welding tradespersons and need to be reminded of safe work practices that should be followed.

PRACTICES

1. Welding equipment should be inspected prior to use. Check cables for bare wires that can arc and cause shock and burn injuries.
2. Avoid welding directly over your body as molten metal may drip on to your body causing burns.
3. Use a fire blanket to reduce the risk of fires.
4. Have a fire extinguisher or water hose at hand before starting the welding.
5. DO NOT weld where flammable liquid or gases are present.
6. Wear personal protective equipment such as auto darkening welding shields, heat resistant gloves and fire retardant clothing.
7. Where using a manual or air operated chipping hammer to remove hardened flux and slag, wear the welding shield to prevent face and eye injuries.
8. Use welding screens where other employees are present to prevent flashing of the eyes.
9. Check the work area up to 1 hour after finishing the welding job to ensure that no fires have been started.

For further information, see the appropriate current Occupational Health & Safety Legislation.

SAFE WORK PRACTICE

Work Practice Review Records

Last Review Date	Leader (person responsible)	How (eg: Safety meeting)