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| ***G:\6100_Performance_HR\6555 - Organisational Safety and Wellbeing\2. HSW - Systems and Strategy Team\Rebadging OSW Documents (Kristyn)\ITD logos\Updated 2018\Welding_word_banner_SOP.jpg***🗹**PLASMA CUTTER****Circular Saw** |
| ***Students must complete the checklist below with a tick in every box before operating this portable power equipment*** |
| **Has your teacher given you instruction on the safe use and operation of this equipment?** | **🗆** |
|  |
| **Has your teacher given permission for you to use this equipment?** | **🗆** |
| Foot Protection circle | Are you wearing approved safety glasses?. | **🗆** |
|  | Are you wearing protective footwear with substantial uppers?. | **🗆** |
| Hand Protection circle | Are you wearing oil-free leather gloves?  | **🗆** |
| **Hair Protection circle** | If you have long or loose hair, is it tied back and contained? | **🗆** |
| Protective Clothing circle | Are you wearing close-fitting protective clothing or overalls? | **🗆** |
| Prohibition circle | Have you removed all your exposed rings and jeweller? | **🗆** |
| Hearing Protection circle | Are you wearing hearing protection for when noise levels are excessive? | **🗆** |
| Welding Mask circle | Are you wearing a welding mask with shade No. 10 protective filters? | **🗆** |
| Pacemaker caution sign02 |
| **Have you read the important information section on the reverse?** | **🗆** |
|  **PRE-OPERATIONAL SAFETY CHECKS** |  |
| 1. Are there any slip/trip hazards present in the workspaces and walkways?
2. Is the area clean and free of grease, oil and other flammable material?
3. Is the equipment, work area and gloves dry to avoid electric shocks?
4. Are the gloves, welding gun and work leads in good condition?
5. Is the material to be cut free from hazards? Refer to the manufacturer’s safety sheet.
6. Is the fume extraction unit ON before beginning the welding operation?
7. Are others protected from flashes? Close curtains to welding bay.
 | **🗆** |
| **🗆** |
| **🗆** |
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Plasma cutter

Paste pages 1 & 2 back to back – cut out this section – laminate and trim to size

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| ***G:\6100_Performance_HR\6555 - Organisational Safety and Wellbeing\2. HSW - Systems and Strategy Team\Rebadging OSW Documents (Kristyn)\ITD logos\Updated 2018\Welding_word_banner_SOP.jpg*****MIG WELDER****Circular Saw** |
| **Important information – read before use** |
| **OPERATIONAL SAFETY CHECKS** |
| **DO NOT use faulty equipment – report this immediately to your teacher.** |
| 1. Ensure machine is correctly set up for current, voltage, wire feed and gas flow.
2. Ensure work return cables make firm contact to provide a good electrical connection.
3. Metals coated with or containing materials that emit toxic fumes should not be heated or cut unless coating is removed from the work surface.
4. Do not weld or cut containers that have held combustible liquids or gases.
5. Do not leave the plasma cutter running unattended.
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| **HOUSEKEEPING** |
| 1. Switch off the machine and fume extraction (where used).
2. Turn off air supply and hang up handpiece, hose and welding cables.
3. Leave the work area in a safe, clean and tidy state.
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| **POTENTIAL HAZARDS** |
| ◼ Electric shock ◼ Noise◼ Body burns ◼ Compressed air◼ Radiation burns ◼ Fume◼ Noxious gas ◼ Flying sparks and falling dross |
|  |

 **Date of last review:**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Signature:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_