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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***🗹**TIG WELDER****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? | **🗆** |
| Welding Mask circle | Are you wearing a welding mask with correct grade lens for GTAW? | **🗆** |
| 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 welding equipment and work area dry to avoid electric shocks?
4. Are the gloves, welding gun and work leads in good condition?
5. Are the work leads causing a tripping hazard?
6. Is the fume extraction unit ON before beginning the welding operation?
7. Are others protected? Close the UV curtain or erect UV safety screens.
 | **🗆** |
| **🗆** |
| **🗆** |
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 Tig welder

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*****TIG 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. Strike the arc before placing the tip of the filler wire in the weld zone.
4. Turn off the power while changing tungsten electrodes.
5. Never leave the welder running unattended.
6. Take care to avoid welding flashes. Erect UV safety curtains as required.
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| **HOUSEKEEPING** |
| 1. Switch off the machine and fume extraction.
2. Close gas cylinder valve.
3. Hang up the welding gun and welding cables.
4. Leave the work area in a safe, clean and tidy state.
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| **POTENTIAL HAZARDS** |
| ◼ Electric shock ◼ Flying sparks◼ UV and IR radiation burns to eyes and body ◼ Fume◼ Body burns due to hot or molten materials ◼ Fire |
|  |

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