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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***  🗹  **SPOT 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?** | | **🗆** |
|  | Are you wearing approved safety goggles?  . | **🗆** |
| Foot Protection circle | Are you wearing protective footwear with substantial uppers?  . | **🗆** |
|  | Are you wearing protective leather welding gloves? | **🗆** |
|  | Are you wearing a suitable protective workshop apron or overalls? | **🗆** |
| **Have you read the important information section on the reverse?** | | **🗆** |
| **PRE-OPERATIONAL SAFETY CHECKS** | |  |
| 1. Does this spot welder have a suitable, safe work area and is the power cord away so as not to cause a slip or trip hazard? 2. Are the electrode points appropriate for the procedure, in good condition and do they accurately meet? 3. Are the electrode points securely mounted and cleaned of all contaminants? 4. Have you adjusted the pressure on the clamps to hold work securely without damaging the work piece? 5. Have you pre-set weld time under teacher direction? 6. Have you checked for, and removed, all nearby flammable materials? 7. Are others protected? Close the UV curtain or erect UV safety screens. | | **🗆** |
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Paste pages 1 and 2 back to back – cut out this section – laminate and trim to size

Spot Welder

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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***  **HOT AIR WELDER**  **Circular Saw** |
| **Important information – read before use** |
| **OPERATIONAL SAFETY CHECKS** |
| **DO NOT use faulty equipment – report this immediately to your teacher.** |
| 1. Do not plug in until adjustments have been made. 2. Ensure the spot welder has cooled before making any adjustments. 3. Avoid prolonged use as this can lead to heat build-up of electrodes and extension arms. 4. Take care when holding work due to heat created during welding process. 5. Ensure that the spot welder is always well supported on a flat bench surface when in use. 6. Do not leave the spot welder until it has cooled down or is placed in an appropriate area to prevent accidental burns to others. 7. Select the appropriate tips and arms for the article to be spot welded (discuss with your teacher). 8. Examine tips regularly for pitting and build-up of contamination. Do not use if tips are in poor condition. 9. Ensure spot welding process is carried out in a well ventilated area. |
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| **HOUSEKEEPING** |
| 1. Switch off, unplug and allow to cool down before storing. 2. Leave the work area in a safe, clean and tidy state. |
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| **POTENTIAL HAZARDS** |
| ◼ Hot parts and surfaces ◼ Electricity ◼ Eye injuries  ◼ Spitting metal, flying sparks ◼ Burns ◼ Trip and slip |

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