|  |  |  |  |
| --- | --- | --- | --- |
| **PLIERS & GRIPS**  **BELT SANDER** | | | |
| **DO NOT** use any hand tool unless a teacher has instructed you in its  safe use and operation and has given permission | | | |
| D:\bclar52\Desktop\Pictures - ITD Plant & Equip\Hand Tools\Pliers - Group.jpg | | | |
|  |  | Safety glasses must be worn at all times in ITD practical workshops. |  |
|  | Foot Protection circle | Appropriate protective footwear is also required in all ITD workshops. |

**This range of hand tools will usually include the following:**

* **Combination pliers, long nose pliers, pincers and circlip pliers**
* **Multi-grips, locking grips, adjustable grips and stillsons**
* **Riveting piers or rivet gun and wire stripping pliers**

**POTENTIAL HAZARDS AND RISKS**

**■ Pinch and squash ■ Impact and striking ■ Lacerations ■ Eye injuries**

**HOUSEKEEPING**

1. **Return all pliers and grips to their appropriate storage cupboard, in a dry environment.**
2. **Leave the work area in a safe, clean and tidy condition.**
3. **Regularly clean the serrations on the gripping jaws of all foreign debris.**
4. **Apply a little lubricant to all pivot points to keep the jaws operating freely.**

**OPERATIONAL SAFETY CHECKS**

1. **It is important to choose the right pliers or gripping tool for the job. They will vary widely, and are all designed for specific purposes.**
2. **It is important to grip the handles firmly. Ensure that your fingers are not near the jaws of the tool prior to applying load.**
3. **Cushioned handles on pliers or grips are primarily for comfort – for all electrical work, always use the pliers, grips or cutters designed and appropriate for protective insulation.**
4. **DO NOT hammer onto pliers or griping pincers to cut nails or steel wire.**
5. **Never expose pliers or grips to excessive heat.**
6. **Discard worn or damaged pliers and gripping tools that show any sign of damage.**

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