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| ***Portable_Plant_SOP***  **PLASTICS OVEN** | |
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| **DO NOT** use this machine unless a teacher has instructed you in its safe use and operation and has given permission | |
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| Safety glasses must be worn at all times in work areas. | Hair Protection circleLong and loose hair must be contained or restrained. |
| Foot Protection circleAppropriate protective footwear with substantial uppers must be worn. | ApronClose fitting, protective clothing or a workshop apron is encouraged. |
| Prohibition circle**Prohibition circle**Prohibition circleRings and jewellery must not be worn. | Hand Protection circleCotton gloves must be worn when using the hot convection oven. |

### **Ovens must be located with due regard to the possibility of fire resulting from overheating**

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### **PRE-OPERATIONAL SAFETY CHECKS**

1. **Familiarise yourself with and check all oven operations and controls.**
2. **Ovens used for workshop applications must not be used for food preparation.**
3. **Never heat a sealed container.**
4. **Never heat any flammable or combustible liquid in the oven. A fire and/or explosion may result.**
5. **Ovens must not be used to heat any material that might pose a hazard because of acute or chronic toxicity unless special precautions have been taken to ensure continuous venting of the atmosphere inside the oven.**
6. **Do not operate the oven if it is damaged or does not work properly.**
7. **Ensure no slip/trip hazards are present in workspaces and walkways.**
8. **Immediately report suspect equipment.**

#### OPERATIONAL SAFETY CHECKS

1. **Pre-heat the oven for no less than five minutes to be sure that the oven compartment has reached the required temperature.**
2. **To reduce the risk of fire in the oven cavity, do not overheat the work piece.**
3. **Be aware of other people in the immediate vicinity when handling hot material.**
4. **Use thermal gloves or tongs to remove work piece from the oven.**
5. **Before cleaning material accumulations, switch off and allow oven to completely cool.**

#### HOUSEKEEPING

1. **Switch off the oven when work is completed.**
2. **Leave the oven and work area in a safe, clean and tidy condition.**

## POTENTIAL HAZARDS

* + **Burns from hot surfaces**
  + **Fume**
  + **Ignition from hot surfaces and work piece**

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