Unit 108: Wood occupations

# Worksheet 18: Producing a frame (learner)

1. Measure a piece of board and mark out a rectangle 600mm x 400mm for use as a setting out rod for a frame.
2. Produce a scale drawing of a proposed 500mm x 340mm frame, using a combination of different joints for each corner (range: half lap, bridle, barefaced tenon, wedged mortice and tenon, mitred halflap, dovetail halflap).
3. If you wish you can also include central mullion to your frame.
4. Produce a cutting list from the drawing (see table).
5. Produce a proposed time scale for each stage of production (see schedule).
6. Produce a risk assessment for the process (see risk assessment table).

**Frame cutting list**

|  |  |
| --- | --- |
| **Component name:** | **Component amounts, length, width and thickness** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**Frame materials list**

|  |  |
| --- | --- |
| **Timber:** | **Amounts** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**Proposed schedule**

|  |  |
| --- | --- |
| **Process:** | **Proposed time in hours and minutes:** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| **TOTAL PROPOSED TIME TO MAKE THE FRAME:** |  |

**Risk assessment for the production of a frame**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **What are the hazards?** | **Who might be harmed and how?** | **What are you already doing to control the risks?** | **What further actions do you need to control the risk?** | **Who needs to carry out the action?** | **When is the action needed by?** | **Completed on** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |