

National 5 Practical Woodworking: practical activity

Candidate log book

Centre: A. High School

Candidate name: A. Candidate

Area	Total marks for each area	Total mark for log book
Machine and power tool care and maintenance	3/5	8/15
Tool care and maintenance	2/5	
Safe working procedures	3/5	

Candidate signature: *A. Candidate*

Date: 27/03/2018

Assessor signature: *AN. Assessor*

Date: 27/03/2018

Machine and power tool care and maintenance

Procedure and date carried out	Before using, I checked...	After using, I checked...	Candidate signature	Assessor signature	1 mark or 0 marks and comments
<p>Procedure 1 Using the pedestal drill to drill clearance holes for screws.</p> <p>23rd October 2017</p>	<p>All the guards were in place. The table was secure. The work piece was secured. The switches were not damaged.</p> <p>I noticed a guard was loose and reported it to my teacher.</p>	<p>The power was off at the isolator. The drill was removed from chuck. The chuck key removed and stored. The machine was cleaned.</p>	<i>A. Candidate</i>	<i>AN. Assessor</i>	<p>1 mark 1 mark awarded, as the candidate has given 4 or 5 pre-use checks, has indicated a fault and what action they took. The candidate has indicated 4 or 5 post-use checks.</p>
<p>Procedure 2 Cutting out shape with the jig saw.</p> <p>15th November 2017</p>	<p>I had permission to use the jig saw. The plug and cable on the jig saw were ok. The saw blade was secure. The work piece was held securely. The dust extractor was in place and not clogged up.</p>	<p>The jig saw was unplugged. The the plug and cable were ok. There was no damage to the blade. I cleaned all the sawdust from the jig saw and put it away safely.</p>	<i>A. Candidate</i>	<i>AN. Assessor</i>	<p>1 mark 1 mark awarded, as the candidate has given 4 or 5 pre-use checks. The candidate has indicated 4 or 5 post-use checks.</p>
<p>Procedure 3 Setting up blank between centres on lathe for turning coat hooks.</p> <p>11th January 2018</p>	<p>The wood was ok.</p>	<p>Everything was ok.</p>	<i>A. Candidate</i>	<i>AN. Assessor</i>	<p>0 marks Zero marks awarded, as the candidate has not specified any pre-use checks or procedures carried out for setting up the blank. No post-use checks are listed.</p>

Machine and power tool care and maintenance (continued)

Procedure and date carried out	Before using, I checked...	After using, I checked...	Candidate signature	Assessor signature	1 mark or 0 marks and comments
<p>Procedure 4</p> <p>Sander</p> <p>10th February 2018</p>	<p>Plug, cable.</p>	<p>Plug, cable.</p>	<p><i>A. Candidate</i></p>	<p><i>AN. Assessor</i></p>	<p>0 marks</p> <p>Zero marks awarded, as the entry is incomplete. The candidate has given no detail of procedure or of pre- or post-use checks.</p>
<p>Procedure 5</p> <p>Using a mortice machine to cut mortice part of mortice and tenon joint, on a small table leg.</p> <p>21st February 2018</p>	<p>I had teacher's permission.</p> <p>Wood held securely in machine.</p> <p>I set the depth stop to the right size.</p> <p>I made sure I had safety goggles.</p> <p>I checked the drill bit wasn't hitting the chisel bit.</p> <p>The depth stop was a bit stiff, so I told the teacher who loosened it for me.</p>	<p>The the cutter was still ok.</p> <p>I switched off at the isolator.</p> <p>I removed my wood from the machine and swept it down for the next person.</p> <p>I think the depth stop is still a bit stiff, so I told the teacher.</p>	<p><i>A. Candidate</i></p>	<p><i>AN. Assessor</i></p>	<p>1 mark</p> <p>1 mark awarded, as the candidate has given 4 or 5 pre-use checks. They have indicated an issue and how they resolved it. They have indicated 4 or 5 post-use checks and reported that there is still an issue with the depth stop.</p>

- ◆ You must complete the relevant boxes for each machine/power tool procedure check you carry out.
- ◆ The checks must be relevant to the machine/power tools you are using and not general care and maintenance procedures.
- ◆ Your assessor should discuss your mark with you before signing off.

Machine and power tool care and maintenance	Total marks awarded	3/5
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Tool care and maintenance

Procedure and date carried out	What I did to fix it....	What I checked...	Candidate signature	Assessor signature	1 mark or 0 marks and comments
<p>Procedure 1 Chisel is blunt</p> <p>23rd November 2017</p>	<p>Sharpened chisel the way I was shown by the teacher.</p>	<p>Got the teacher to check it was ok.</p>	<p><i>A. Candidate</i></p>	<p><i>AN. Assessor</i></p>	<p><i>0 marks</i> Zero marks awarded, as there is limited information provided. There is no description of how the chisel was sharpened.</p>
<p>Procedure 2 The jack plane is not cutting properly. The blade of the jack plane is not sticking out of the bottom of the plane.</p> <p>8th December 2017</p>	<p>I turned the adjusting nut on the plane until the blade started to stick out of the bottom. I checked it was square by moving the lever. I tried using it on a scrap piece of wood to make sure it was cutting properly.</p>	<p>I checked it with a few cuts and asked the teacher to double check.</p>	<p><i>A. Candidate</i></p>	<p><i>AN. Assessor</i></p>	<p><i>1 mark</i> 1 mark awarded, as a full description of problem and of remedial action taken. Check procedures are explained.</p>
<p>Procedure 3 The saw blade in the coping saw was facing the wrong way. This means it would snap if I used it.</p> <p>13th January 2018</p>	<p>I had to change the way the blade was facing. To do this, I turned the wooden handle to loosen the blade.</p>		<p><i>A. Candidate</i></p>	<p><i>AN. Assessor</i></p>	<p><i>0 marks</i> Zero marks awarded, as the candidate has not noted how they addressed the issue and there is no reference to any checks being carried out.</p>

Tool care and maintenance (continued)

Procedure and date carried out	What I did to fix it...	What I checked...	Candidate signature	Assessor signature	1 mark or 0 marks and comments
<p>Procedure 4 Setting a plough plane to cut a channel 6mm deep, in the middle of a door frame, for my plywood to fit.</p> <p>24th February 2018</p>	<p>I checked that the cutting tool was secured and was not sticking out too much. I then set the depth stop using the tightening screw and a steel rule to make sure it was 6mm deep. I then set the fence, so that the blade was exactly in the middle. When I started to cut, I started at the front and then worked backwards.</p>	<p>Before I started the cut, I asked my teacher to check everything was ok.</p>	<p><i>A. Candidate</i></p>	<p><i>AN. Assessor</i></p>	<p><i>1 mark</i> 1 mark awarded, as the candidate has given a full description of what is required and the procedures involved in setting up.</p>
<p>Procedure 5 Setting a mortice gauge.</p> <p>4th March 2018</p>	<p>I was making a woodwork joint and needed to use a mortice gauge. I got the gauge, set it to the right size and marked it out. I got the chisel and a mallet, and I cut out the hole where I had marked it. I then cut the other part of the joint and checked if it fitted.</p>	<p>I checked to see if both bits fitted and they were a wee bit loose, but I was happy with it.</p>	<p><i>A. Candidate</i></p>	<p><i>AN. Assessor</i></p>	<p><i>0 marks</i> Zero marks awarded, as although the candidate has written a full answer, there is no reference to the process of setting the gauge.</p>

- ◆ You must complete the relevant boxes for each issue you identify and procedure you carry out.
- ◆ You will be presented with tools that require attention, need repaired or set.
- ◆ You should identify the issue, report it to your assessor and then rectify it.
- ◆ Your assessor should discuss your mark with you before signing off.

Tool care and maintenance	Total marks awarded	2/5
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Safe working procedures

An important part of the course is your ability to work in a safe manner. You must adhere to all health and safety procedures associated with the use of various power, machine and hand tools, and processes that you encounter during the course.

You must always behave in a manner expected within a workshop environment.

Your assessor will observe you throughout the practical activity and will award you a mark between 0-5. This mark forms part of your final assessment.

Marks are awarded as follows:

Safe working procedures	Mark
Candidate has adhered to safe working procedures, with no need for reminders or interventions	5
Candidate has adhered to safe working procedures, with one reminder or intervention	4
Candidate has adhered to safe working procedures, with two reminders or interventions	3
Candidate has adhered to safe working procedures, with three or four reminders or interventions	2
Candidate has adhered to safe working procedures, with regular reminders or interventions	1
Candidate has adhered to safe working procedures, with constant reminders or interventions	0

Safe working procedures	Total marks awarded	3/5
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Note to assessors:

You may find it helpful to indicate any interventions during the practical activity as they happen, by striking through in grid as shown here. This lets the candidate know how their working practices is affecting their mark.