

<b>WORK EVIDENCE SHEET</b>		Evidence Ref. No: 10
Learner Name: <b>Aidan O'Flynn-mundin</b>		Employer: <b>Isle of Wight Steam Railway</b>
Address of site: <b>Havenstreet Station, Isle of Wight Steam Railway, Main Rd, Havenstreet, Ryde PO33 4DS</b>		
Job Start Date: <b>Tuesday 14<sup>th</sup> March 2023</b>		Job Completion Date: <b>Wednesday 03<sup>rd</sup> May 2023</b>
Name of Job: <b>2x Windows for Wootton station Signal box</b>		
Brief details of job: <b>The task was to make two fixed windows with glazing bars &amp; 8 <sup>panes</sup> of glass in each window in order to replace the original windows which have decaying and starting to come loose.</b>		
Have you had a site induction on this site and / or had toolbox talks?  <b>When I started my employment at Isle of Wight Steam Railway</b>		
How did you receive your work instructions? (Attach specification / drawing / schedule or witness testimony confirming verbal instructions if possible.)  <b>Verbal &amp; Tutorial instructions from Nick Mills Estates Department Carpenter. Written Drawings &amp; specifications.</b>		
Planning for the job: Did you arrange materials to be delivered / moved before you started work?  <b>We sourced all materials from the Railways timber stores.</b>		
Give details of the people you spoke to, the instructions you received & the type of communication. (Oral, listening, body language?)  Colleagues: Foreman: Supervisor: <b>Paul Fisher, Tutorial instructions and demonstrations</b> Client: <b>Nick Mills, Tutorial instructions &amp; Project overview</b>		
What materials did you use? (List them all)  <b>2x Iroko 4m 24cm 5cm Everbuild weatherproof wood adhesive</b>  How did you store them on site?  <b>In Carriage and wagon workshops</b>		
What protection did you make for the surrounding area, materials & equipment before starting work? (Explain)  <b>No protection required due to workshop environment.</b>		
List the hand tools & any equipment that you used:  <b>Tape Measure, Adjustable square &amp; Square Mortice Gauge Rider 92 Shoulder Plane Handsaw &amp; Coping Saw Gouge and various chisels</b>		List the power tools that you used:  <b>Stenna St 100 Bandsaw Stromab Radial Arm Saw SCM Fs 410 Thickness Plane Wadkin Bursgreen dm Morticer Kitty Bandsaw SEDGWICK SM255T Spindle Moulder Makita Rotary sander</b>

Where were the tools & equipment stored on site?  
**Carriage and wagon workshop**

What maintenance did you carry out on the tools & equipment?  
**Set up and changed Wadkin mortice chisels & Sedgwick spindle moulder cutters and blocks.**

What PPE was necessary / used?

**Yes,  
P3 Dust mask, Eye & Ear protection, steel capped work boots,  
Overalls, work gloves & Nitrile gloves**

Explain details of any hazards on the site  
(E.g. cables, fumes, Access etc.)  
How did you deal with the hazard?

**Operating Machinery & wood dust  
When operating machinery, I used the machinery in line with my training, used dust extraction, wore appropriate PPE when operating machinery.**

Briefly describe the work you did; how you protected it & any access equipment you may have worked from:

**At the start of the job myself and Nick Mills went to Wootton station signal box and gathered the measurements from the existing windows. Afterwards we worked out the measurements to equal the stiles and rail dimensions as the original windows weren't equal.**

**I drew a rod for the windows, then we sourced the timber from the railway's stores.**

**I marked all the timber e.g., tenons, shoulders, rebates, mouldings and glazing bar positions, once done I cut all the mortices using the Wadkin Morticer then ran and cut the tenons.**

**I was then taught by Paul Fisher how to setup and use the spindle moulder to cut the mouldings and rebates on the styles, rails and bars, as the whole window is made from Iroko we expected some break out especially on the bars fortunately very little break out occurred.**

**I learnt how to hand scribe with two methods, mitre scribe and coping scribe the latter was used in the production of the windows however I practiced both methods on a test piece first.**

**Once all work & numerous dry assemblies of both windows were completed, the windows were glued and wedged together and clamped till dry.**

**This project has taught me many aspects of the trade such as: working out process, milling of the timber, using & setup of a spindle moulder and manufacture of glazing bars. Once both windows are painted, I will be taking part in the installation of the windows at Wootton Station.**

Did you work at height on this task? Did you check the equipment for safety?

**I Did not work from height for this task.**

Did you do this task on your own or as part of a team? (If on your own, how did you take responsibility for completing the work?)

**As part of a team, Myself, Nick Mills & Paul Fisher where the only members working on this project. My work was checked during and upon completion.**

Explain what the time constraints for this job were:

**No time constraints however, I wanted to complete the task as soon as possible.**



Was the quality of your work checked when it was completed? Was there anything you could improve next time?  
**My work was checked during and upon completion of the project.**

What problems / difficulties were there? (e.g., delays due to damaged materials / equipment, problems from the weather or access to premises)

**None.**

How did you sort the situation out? **N/A**

Give details of any changes to the work programme. What changes took place; name the people who informed you.

**During the project Nick Mills had Annule Leave, therefor Paul Fishers continued the project in order to guide me and complete the tasks.**

How did you clean up the work area & what did you do with unused materials?

**I cleaned the work area as I went along and at the end each day.**

**I used Dust extraction equipment when needed and any non-reusable offcuts were placed in the wood bin. Any reusable material was stored back in the timber store.**

What did you do to keep the workplace secure? (e.g., lock premises, ensure visitors sign in)

**Locked workshop at the end of each day**

What company rules did you follow?

**IWRS Workshop Rules & Dust extraction Plan**

**Health and safety at work act 1974**

**Woodworking Machine regulations 1974**

**Personal Protective equipment Regulations 1992**

**Provision and Use of Work Equipment Regulations 1998**

What company documentation did you complete? (e.g., timesheets)

**Timesheets**

Photographs- Date, location, WBR's signature. Identify yourself with an arrow if others are in the photo.

State the number of photographs attached:

**19**

Staple photographs to evidence sheet.

Candidates Signature:



Date:

**18/5/23**

**I CONFIRM THAT THE DETAILS GIVEN ABOVE ARE ACCURATE -**

WBR / Supervisor's / Customers Name (Please print):

**Paul Fisher**

Position in company:

**Chargehand**

Tel. No.

WBR / Supervisor's / Customer's Signature:



Date:

**17-5-23**

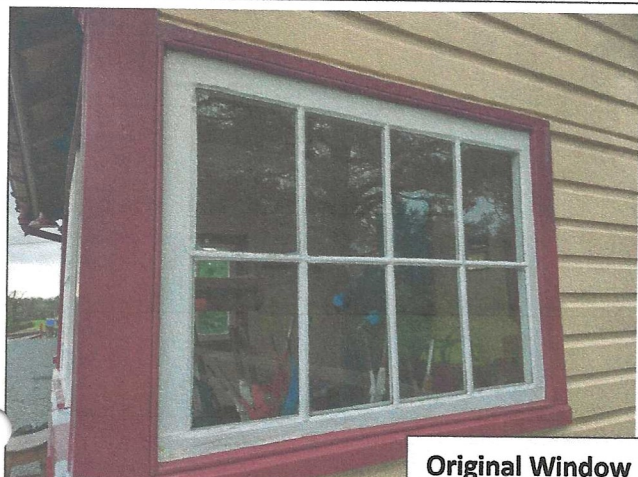
*Please note that this form cannot be accepted as evidence UNLESS it has been signed & dated by all concerned.*



# Photographs

Date: Tuesday 14<sup>th</sup> March 2023 - Wednesday 03<sup>rd</sup> May 2023

Location: Isle of Wight Steam Railway



Original Window



State of Decay



Timber cut into smaller lengths ready to be cut length ways.



Myself using thicknesser



All Components planed & cut to length.



Myself using morticer

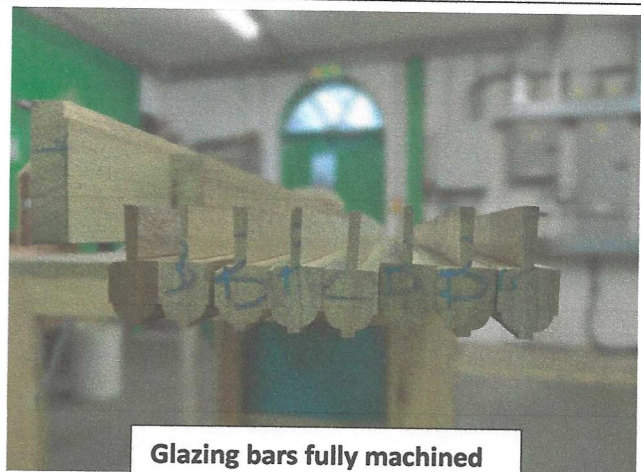




All components marked & morticed.



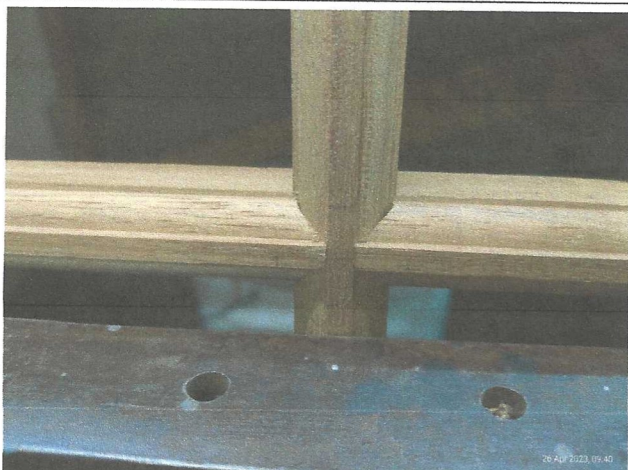
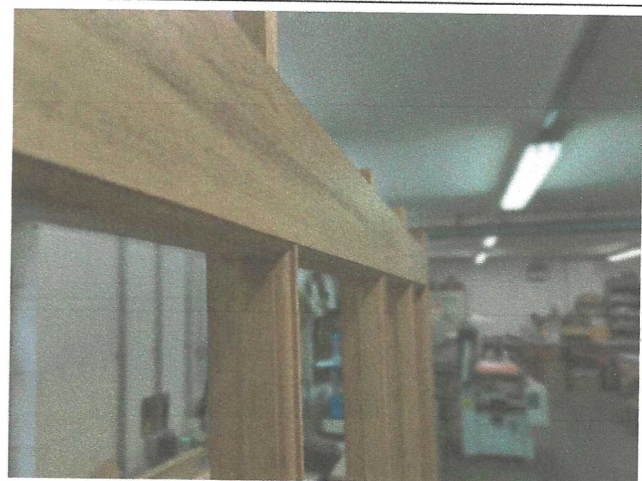
Myself setting up Spindle moulder cutting block



Glazing bars fully machined



Cutting Scribe with a Coping saw



I was taught both styles of scribes however I only used the scribe on the left for the windows.





**Components for one window completed.**



**Assembly underway.**



**First window wedged and glued  
ready for the horns to be cut.**



**Window cleaned with 180 grit sandpaper.  
Prepared for painting.**



**Windows Completed**