



## Ku-ring-gai Community Workshop “The Shed”

# Member Accreditation

|                     |                    |    |
|---------------------|--------------------|----|
| Wood Turning Lathes | Accreditation Code | W7 |
|---------------------|--------------------|----|

This document applies to the following Wood Lathes; Nova 1624/44 with extended bed, Nova 1624/44, and Jet JML-1014VS Mini Lathe. It must be read in conjunction with Manuals and guides. Knowledge of Key features of the Wood Turning Lathe must be understood and clearly evident during competency assessment. Safe operation of the Lathe must also be demonstrated. This procedure must be read in conjunction with the Shed’s Safety Induction Package.

### Assessment Reference:

#### *Assessment checklist*

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Applicant discusses relevant information from videos eg finding five “master’s” undesirable practices for Shed turners                                                                                                                                                                                                                                                                                                                                         | Assessor Initial |
| Lathe users must be able to securely fix their work in the lathe by various methods including all the following: face plate, scroll chuck and between centres.                                                                                                                                                                                                                                                                                                 |                  |
| Operators must be able to check work attachment security and appropriate clearances, set tool rest heights and angles (including parallel to axis), select and change lathe speeds                                                                                                                                                                                                                                                                             |                  |
| Balancing of work must be understood and tested using appropriately safe methods.                                                                                                                                                                                                                                                                                                                                                                              |                  |
| Operators must be able to select appropriate tools and achieve roughing, parallel turning, coves (hollows on spindle work), taper turning, bowl turning (outside and inside shapes including re-chucking the work). Scraping techniques are acceptable but awareness and witnessing (without necessarily being able to achieve) cutting techniques is also expected.                                                                                           |                  |
| Correct sanding procedures and awareness/protection from hazardous dusts must be understood and followed.                                                                                                                                                                                                                                                                                                                                                      |                  |
| Tool sharpening needs must be appreciated, monitored, and completed to a minimum of re-sharpening scrapers on the coarse metalworking grinder after checking and making necessary adjustments to the tool rest. Tool quenching required for tool steel to prevent “drawing the temper”. High Speed alloy steels should not need to be quenched but should be kept cool during grinding by allowing time and reducing pressure during grinding or using Tormek. |                  |

### Member Details

|       |  |                   |  |
|-------|--|-------------------|--|
| Name: |  | Membership Number |  |
|-------|--|-------------------|--|

**The member has adequately demonstrated the requirements and is hereby accredited as a user.**

|               |  |           |       |  |
|---------------|--|-----------|-------|--|
| Assessor Name |  | Signature | Date: |  |
|---------------|--|-----------|-------|--|

|               |  |                      |  |                        |  |
|---------------|--|----------------------|--|------------------------|--|
| Version Date: |  | Version Prepared by: |  | Version Authorised by: |  |
|---------------|--|----------------------|--|------------------------|--|

A copy to be provided to records management and the original is to be retained by the Member.