

LATHE RISK ASSESSMENT

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| **Hazard** | **Who may be harmed?** | **Before Control Measures** |  | **After Control Measures** |
| **Severity** | **Likelihood** | **Score** | **Control Measures** | **Severity** | **Likelihood** | **Score** |
| Entanglement in moving machinery | Operator | 4 | 4 | HIGH | Loose clothing and long hair to be tied back.Jewellery to be removed.Keep hands away from rotating partsKeep headstock cover closedExercise good practice when using tools | 4 | 1 | medium |
| Dust | Current operator and others in area | 1 | 4 | medium | Extraction to be used and dust mask to be worn when sanding | 1 | 1 | low |
| Injury from dropping heavy chucks/sharp tools | Operator | 2 | 3 | medium | Rest tools securely when not in useWear appropriate footwear | 1 | 1 | low |

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| Burns from sanding | Operator | 1 | 2 | low | Use slower speed. | 1 | 2 | low |
| Ejected material in eyes or face | Operator | 4 | 4 | HIGH | Face shield to be wornRun lathe at appropriate speedRemove any loose bark or knots from woodDon't use wood with many knots or splitsCheck that workpiece doesn't hit toolrest before turning on the latheStand to one side when first switching on the latheMake sure work is properly secured either between centres or on faceplateMake sure all locking knuts are tightened and drives are secure | 4 | 1 | medium |
| Cuts from tools |  | 2 | 4 | HIGH | Store tools correctlyKeep tools in contact with toolrest and under control when turning | 2 | 1 | low |



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|  | **Likelihood** |  |  |  |  |  |
| **Theoretical** | **Very unlikely** | **Unlikely** | **May happen** | **Likely** | **Certain** |
| **Severity** |  | 0 | 1 | 2 | 3 | 4 | 5 |
| **No injury** | 0 | No Risk | No Risk | No Risk | No Risk | No Risk | No Risk |
| **Minor injury** | 1 | Low | Low | Low | Low | Medium | High |
| **Significant injury (under 7 days)** | 2 | Low | Low | Medium | Medium | High | High |
| **Serious injury (7 days or more)** | 3 | Low | Medium | Medium | High | High | High |
| **Fatality, life changing injury** | 4 | Low | Medium | High | High | High | High |
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| **Acceptable** | Low |  |  |  |  |  |
| **Acceptable after induction** | Medium |  |  |  |  |  |
| **Unacceptable** | High |  |  |  |  |  |