

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 parts Keep headstock cover closed Exercise 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 use  Wear 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 worn Run lathe at appropriate speed Remove any loose bark or knots from wood Don't use wood with many knots or splits Check that workpiece doesn't hit toolrest before turning on the lathe Stand to one side when first switching on the lathe Make sure work is properly secured either between centres or on faceplate Make sure all locking knuts are tightened and drives are secure | 4 | 1 | medium |
| Cuts from tools |  | 2 | 4 | HIGH | Store tools correctly Keep 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 |  |  |  |  |  |