

NTPC Health & Safety Alert

Rotating Equipment



Background

Workers were opening flow gates at a hydro dam using a rotating power tool. A worker put their hand on a rotating shaft to slow its rotation, and the glove was entangled. This resulted in serious injuries to two fingers – one finger was dislocated and both fingers were lacerated. First Aid was provided onsite and the injured worker was transported to hospital for medical attention.

Practical Guidance

Rotating equipment such as shafts, drill presses, lathes, belts, and pulleys can cause serious injury due to entanglement with clothing, hair, jewellery, and body parts.

To prevent injuries due to rotating equipment the following guidelines must be followed:

- Remove loose-fitting clothing, remove jewellery, and tie back long hair before using rotating equipment.
- Work from a safe distance; keep hands and body parts away from rotating equipment.
- Never remove machine guards or safety devices.
- Never wear gloves when operating machinery with accessible rotating parts – gloves can get entangled.



When working with or around rotating equipment, always include rotating parts as a hazard on your Tailboard Meeting form and implement appropriate controls to reduce the risk of those hazards causing harm.

For more information contact your Health & Safety Department.