



## Prohibited and Restricted Tools and Equipment

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## 1.0 PURPOSE

The purpose of this document is to detail the process and/or requirements for utilising tools and equipment acknowledged by Westgold (WGX) and the industry as hazardous.

These items pose a risk when handled by untrained individuals or used inappropriately, this document ensures that proper identification of these hazardous tools and equipment is made, followed by a systematic process to minimise risks to individuals and property with the goal to significantly reduce the risk of injury by conducting tasks safely and responsibly.

## 2.0 SCOPE

The requirements set out in this document are applicable to all employees, contractors, sub-contractors and/or visitors across all Westgold operations.

For the purposes of this document, Westgold operations includes all company owned, controlled and occupied premises and workplaces where activities are being carried out on behalf of Westgold.

## 3.0 RESPONSIBILITIES

### 3.1 GENERAL MANAGERS

General Managers are responsible for and shall ensure:

- the safe and proper implementation of all aspects of the task, including the requirements set out in this document.
- that all employees, contractors, subcontractors and visitors at Westgold (WGX) sites wear and/or use PPE to protect themselves from hazards and work areas requiring the mandatory use of PPE are clearly signposted.
- all sites are free of prohibited tools and equipment.
- approvals which allow restricted tools and equipment on site are only given after having followed a thorough risk assessment, and approval of application for [SOP046 Managing Requests for Alternate Control](#).

### 3.2 SUPERINTENDENTS / SUPERVISORS

Superintendents and supervisors are responsible for and shall ensure:

- the 'Approval for Alternate Controls' process is followed and is authorised for all restricted equipment.
- restricted tools or equipment are fit for the intended task and no other less hazardous tool or piece of equipment can be identified to use as an alternative to the restricted item.
- Ensure workers are appropriately trained in the use of the restricted tools and equipment.
- Ensure that contractors comply with the requirements of this procedure.
- Ensure that a risk assessment is undertaken and reviewed prior to work commencing.



### 3.3 ALL PERSONNEL / CONTRACTORS / SUB-CONTRACTORS

All personnel are responsible for and shall ensure:

- they always adhere to the requirements set out in this document.
- they are competently trained in all aspects of the task including the use of any tools and equipment, any PPE requirements, JSEA or safe work procedures, reporting requirements and any emergency evacuation procedures.
- authorisation must be granted prior to commencing work with equipment classified as restricted via a approvals which allow restricted tools and equipment on site are only given after having followed a thorough risk assessment, and approval of application for [SOP046 Managing Requests for Alternate Control](#) which includes a documented approved JSEA.
- equipment is used or operated in accordance with manufacturer instructions and Westgold procedures.

### 4.0 ENVIRONMENT, HEALTH AND SAFETY REQUIREMENTS

A risk assessment must be undertaken prior to any and all activities involving equipment on the restricted list.

HSE audits may be used to identify and remove any prohibited or uncontrolled equipment and tools and to also ensure that restricted access to items on the restricted list is maintained and that equipment is fit for purpose.

### 5.0 PROHIBITED TOOLS, EQUIPMENT AND MATERIALS

Westgold workers (including employees, contractors, sub-contractors and/or visitors) are not permitted to purchase, use or allow any items from the prohibited list to be brought onto Westgold sites.

Prohibited materials (e.g. asbestos containing components) must not be used or brought onto a Westgold site. Any prohibited materials must be quarantined and the relevant manager (e.g. Maintenance Manager) must be notified.

Prohibited Tools, Equipment and Materials are listed in **Table 1**.

### 6.0 RESTRICTED TOOLS AND EQUIPMENT

Use of restricted tools and equipment must only be considered as a last resort if other less hazardous equipment or tools are not available or if proposed alternative equipment cannot perform the task safely or in the same way without considerable and unreasonable changes to process.

Under no circumstances are restricted tools and equipment permitted on any Westgold controlled or operated work site where equipment/tools have not been approved in line with this process.

Restricted Tools are Equipment are listed in **Table 1**.

### 7.0 AUTHORISATION PROCESS FOR THE USE OF RESTRICTED TOOLS AND EQUIPMENT

Where there is a requirement for use of a restricted tool or equipment listed within **Table 1**, refer to the protocols outlined in [SOP046 Managing Requests for Alternate Control](#).

These protocols outline the authorisation and approval process required prior to utilising any of the restricted tools or equipment listed within this document.



### 8.0 PROCEDURES / JSEA / WORK INSTRUCTIONS

An approved risk assessment / JSEA and work instructions implemented for all equipment and tools on the restricted items list ensuring that equipment can be used safely.

### 9.0 TRAINING AND COMPETENCY

Persons who are authorised and have access to restricted tools and equipment must be trained, competent and authorised, and must ensure the alternate controls procedure process is followed.

Consideration in the risk assessment must be made for persons experience and role when it comes to approval based upon training and competency.

### 10.0 REVIEW OF PROHIBITED AND RESTRICTED TOOL AND EQUIPMENT CLASSIFICATION

The Accountable Manager requesting a review of the classification for any item listed within **Table 1** is responsible for conducting a formal risk assessment and shall include contractors and sub-contractors in this process where appropriate.

Authorisation must be obtained from the document owner for approval to amend the classification of any item within the list of prohibited and restricted tools and equipment. A copy of risk assessment and approval is to be retained by document owner.

This process ensures that any changes in classification are carefully considered and approved, maintaining the integrity of safety and compliance standards.

Table 1: Prohibited and Restricted Tools and Equipment




IMAGE / ITEM	CLASSIFICATION	DESCRIPTION	ALTERNATIVE EXAMPLES	WHY IS THIS ITEM PROHIBITED OR RESTRICTED?
Extension bars for ratchets and torque wrenches (refer to the description). 	<b>PROHIBITED</b>	Non-OEM / unsecured extension bars for ratchets and torque wrenches are prohibited.	OEM (i.e. designed to be extension for a wrench) torque wrench extensions must be used, ensuring these are adequately secured prior to work start.	Risk of injury or damage due to slippage.
Twin Tailed Fall arrest systems. 	<b>PROHIBITED</b>	Twin Tailed Fall arrest systems with a common loop webbing structure such as that shown are prohibited.	Twin tailed Lanyards with a D for the 2 lanyards to be attached onto at one end and then the other end of the D attached onto the shock absorber. 	Industry fatality. Potential for splitting of webbing loop.






IMAGE / ITEM	CLASSIFICATION	DESCRIPTION	ALTERNATIVE EXAMPLES	WHY IS THIS ITEM PROHIBITED OR RESTRICTED?
Sit Harness 	<b>PROHIBITED</b>	Sit harnesses as shown are prohibited.	Full-body <b>harness</b> for work-at-height, 	This is not fall arrest rated and does not provide adequate load dissipation in the event of a fall.  Harness can potentially invert and suspend a person.
Open/Fixed Blade Knives.  	<b>PROHIBITED</b>	Knives that <u>do not</u> have a self-retracting blade such as utility knives, household cooking knives etc.  <b>NOTE:</b>  Belt splicing Knives are allowed on site and are to be treated as restricted tooling as described in this document.  <b>NOTE:</b>  Kitchen cooking knives are allowed on site and are to be treated as restricted tooling as described in this document.	Pressure Activated Auto retracting knives and other cutting devices (i.e. side cutters, scissors, tube cutters, G knife). 	Incident history involving knife blades and user cutting towards the body or hand.





IMAGE / ITEM	CLASSIFICATION	DESCRIPTION	ALTERNATIVE EXAMPLES	WHY IS THIS ITEM PROHIBITED OR RESTRICTED?
<p>Handheld or un-fixed friction cutting devices with work wheels of 9 inches or greater.</p> 	<b>PROHIBITED</b>	<p>Grinders and handheld power tools with cutting or grinding wheels greater than 7".</p> <p>All grinders must be fitted with a fail-safe switch, guards, handles and excessively worn discs shall be replaced.</p> <p>Only compatible discs shall be used.</p>	<p>Grinders and other hand power tools with cutting or grinding wheels/discs 7" or less.</p> 	<p>Repeat and often severe injuries across industry where either equipment is used incorrectly, blades are bent and shatter during operation or become caught in product being cut and arc back towards operator.</p> <p>Operators require training and competency in their correct use.</p>
<p>2 Post Hoist</p> 	<b>PROHIBITED</b>	<p>Vehicle may overbalance during maintenance.</p>	<p>4 post hoist.</p> 	<p>Sites using 2 post hoists need to procure replacement 4 post hoists.</p> <p>Contact your area maintenance managers for guidance.</p>




IMAGE / ITEM	CLASSIFICATION	DESCRIPTION	ALTERNATIVE EXAMPLES	WHY IS THIS ITEM PROHIBITED OR RESTRICTED?
<p>Hand-held line of sight remote bogging controllers for bogging activities</p>  <p><b>NOTE:</b></p> <p>Authorisation to use handheld line-of-sight remote bogging controllers must be obtained only when used for retrieving a Bogger when tele-remoting is not feasible.</p> <p>This is only by an exemption approved by the mine manager or delegate and must include safe work procedure or risk assessment/JSEA specific to the requirement.</p>	<b>PROHIBITED</b>	The use of handheld remote controls to operate load-haul-dump machines in confined areas potentially exposes machine operators and other personnel to hazards associated with crushing or vehicle impact.	<p>Tele-remote bogging.</p> <p>The use of telemetry controls in an isolated workstation, removes the operator from the immediate work area.</p>	<p>Mining Incident history, resulting in Fatalities from non-procedural compliance, and equipment mal function.</p> <p>For further advice, refer to regulation (WA) Section 276 <i>Remote Controlled Plant of the Work Health and Safety act 2020</i>.</p>
Asbestos-containing materials (including parts such as brakes, clutches, valve rings, packing and heat seals)	<b>PROHIBITED</b>	Various components or parts may have historically included asbestos.	Various (e.g. original manufacturer components and parts).	Exposure to asbestos dust and potential risk for developing asbestosis or asbestos-related cancer such as mesothelioma.





IMAGE / ITEM	CLASSIFICATION	DESCRIPTION	ALTERNATIVE EXAMPLES	WHY IS THIS ITEM PROHIBITED OR RESTRICTED?												
<p>Cutting discs greater than 7” are prohibited.</p>  <table border="1"><thead><tr><th>Grinder</th><th>Requirements</th><th>Classification</th></tr></thead><tbody><tr><td>&gt;7”</td><td>Prohibited</td><td>Prohibited</td></tr><tr><td>&gt;5”, &lt;7”</td><td>Discs of &gt;2.5mm</td><td>Restricted</td></tr><tr><td>5” or less</td><td>&gt;1mm</td><td>Restricted</td></tr></tbody></table>	Grinder	Requirements	Classification	>7”	Prohibited	Prohibited	>5”, <7”	Discs of >2.5mm	Restricted	5” or less	>1mm	Restricted	PROHIBITED	<p>Industry and Internal Incident Data</p> <p>Cutting discs of Less than 1.6mm have cause serious injuries through protective PPE.</p> 	<p>1.0mm cutting discs are classified as restricted and only authorised for use on grinders &lt;5”.</p> <p>Discs 2.5mm thickness or greater must be used on grinders &gt;5” - 7” on any Westgold site.</p>	<p>Following a number of serious injuries within the industry.</p>
Grinder	Requirements	Classification														
>7”	Prohibited	Prohibited														
>5”, <7”	Discs of >2.5mm	Restricted														
5” or less	>1mm	Restricted														
<p>Hardened Steel Hammers - 5kg upward.</p> 	PROHIBITED	<p>Sledgehammers, hammers &gt;5Kg with hardened faces.</p>	<p>Normalised/mild steel' hammers, soft faced hammers as well as copper are acceptable.</p> 	<p>Use of hardened steel hammers for GET works or work on any hardened steel surface can result in the face shattering and producing dangerous metal splinters.</p>												






IMAGE / ITEM	CLASSIFICATION	DESCRIPTION	ALTERNATIVE EXAMPLES	WHY IS THIS ITEM PROHIBITED OR RESTRICTED?
<p>Over Centre Binders</p> 	<b>PROHIBITED</b>	Workers have sustained serious injuries resulting from the release and impact of binder	<p>Ratcheting chain binder</p> 	Injuries have resulted from the sudden release of stored energy while undoing this type of binder
<p>Double Ended Crowbar/Pinch Bar</p> 	<b>RESTRICTED</b>	Double ended crow bars/pinch bars can fall through a grated platform from a height.	<p>"Spud end" - Screwdriver handle pinch bar.</p> 	<p>Injuries have resulted from the crowbar/pinch bar releasing under pressure or falling from height through grid mesh, work basket/man cage.</p> <p>To reduce the possibility of injury.</p> <p>Only personnel that are trained and authorised working from GROUND LEVEL shall be given access to the double ended crowbar/pinch Bar.</p>
<p>High Pressure Water Jetting System</p> 	<b>RESTRICTED</b>	<p>High Pressure Water Jetting System is defined as having an output capability greater than 800 litres per minute.</p> <p>Ensure regulated pressure does not exceed 5000KPI.</p> <p>Minimum length of lance including nozzle - 75cm.</p>		<p>Following a number of serious injuries within the industry.</p> <p>Water jet may pierce the skin.</p> <p>Contaminated material may be injected into the body.</p> <p>Flying debris may hit and cause eye injuries.</p>





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<p>Explosives Power Tools</p>  	<b>RESTRICTED</b>	Explosive power tools (low and high velocity actuated), including nail guns.	Low velocity / indirect tools are recommended.	Explosive power tool and nail gun fatalities recorded in industry.  Repeat less severe injuries across industry.
<p>Belt Splicing Knives</p> 	<b>RESTRICTED</b>	Specialised knives used by trained and authorised personnel to maintain conveyor belts.	No Alternative available	To reduce the possibility of knife cuts.  Only personnel that are trained and authorised shall be given access to these knives.
<p>Chef Cooking Knives</p> 	<b>RESTRICTED</b>	Specialised knives used by trained and authorised personnel for food preparation.	No Alternative available	To reduce the possibility of knife cuts.  Only personnel that are trained and authorised shall be given access to these knives.



IMAGE / ITEM	CLASSIFICATION	DESCRIPTION	ALTERNATIVE EXAMPLES	WHY IS THIS ITEM PROHIBITED OR RESTRICTED?
<p>Air Conditioning Flushing Canisters</p> 	<b>RESTRICTED</b>	Use of aluminum air conditioning flushing canisters is restricted.		Only R134a trained, qualified personnel are authorised for use of this equipment
<p>Scaling Bar</p> 	<b>RESTRICTED</b>	<p>Scaling bars are restricted to the scaling down of rocks, in the underground working environment only.</p> <p>They are not to be used as general pry bars. Therefore, scaling bars should not be used in workshops, or located in workshop tooling bins.</p> <p><b>NOTE:</b></p> <p>Scaling bars are classed as an unrestricted tool when used for manual scaling only.</p>	Where tasks require the use of pry bars, only purpose-built OEM authorised pry bars are to be used.	Scaling bars are prone to slipping and have caused injuries previously.



IMAGE / ITEM	CLASSIFICATION	DESCRIPTION	ALTERNATIVE EXAMPLES	WHY IS THIS ITEM PROHIBITED OR RESTRICTED?
<p>Use of Explosive Mortar Devices. (Draw Point Cannons)</p>  <p>and/or Ballistic Discs.</p> 	<b>RESTRICTED</b>	<p>The use of Underground hang up relief systems (draw point cannons-explosive disc projectiles) to help clear hazardous hang ups, loose slabs, and unstable rock masses, can expose employees to hazards if the equipment is not used as intended, and/or the equipment or explosive device malfunction.</p>	<p>A Risk Assessment Process must be completed prior to use.</p> <p>Trained, Competent and Authorised use only.</p> <p>Draw Point Cannon is only to be used when all other methods have been exhausted, or where the risk of using the cannon presents less risk than other options.</p>	<p>Mining Incident history, resulting in Fatalities from non-procedural compliance, and equipment malfunction.</p> <p>For further advice, refer to mine Safety Bulletin No. 76 - Use Of Mortar Devices.</p>







IMAGE / ITEM	CLASSIFICATION	DESCRIPTION	ALTERNATIVE EXAMPLES	WHY IS THIS ITEM PROHIBITED OR RESTRICTED?
<p>Worm Drive Clamp</p> 	<b>RESTRICTED</b>	<p>Worm Drive Hose Clamps must not be used on pressurised air or water hoses.</p> <p>Underground Equipment (Loaders, L/Vs etc.) use these clamps as OEM fittings.</p>	<p>Double ear clamp for ½" hoses.</p>  <p>Saddle type grooved clamps for hoses greater than ½".</p>  <p>Bandit tape or punch lock systems of repair are acceptable when carried out correctly.</p> 	<p>There is a history of near misses and fatalities due to failure of worm drive type clamps on pressurised hoses.</p> <p>There is no way of knowing how close to being stripped the thread may be.</p>
<p>Jumper Leads</p> 	<b>RESTRICTED</b>	<p>Crocodile clip style jumper leads.</p>	<p>CAT style jump start receptacles for 24VDC equipment and Anderson style jump start receptacles for 12VDC equipment.</p> 	<p>Battery explosions due to connection of the clips incorrectly (i.e. reverse polarity).</p>







IMAGE / ITEM	CLASSIFICATION	DESCRIPTION	ALTERNATIVE EXAMPLES	WHY IS THIS ITEM PROHIBITED OR RESTRICTED?
Flammable Contact Cleaner 	<b>RESTRICTED</b>	Industry Incident Data Workers have sustained serious burns when an ignition source has been introduced into the work area after flammable contact cleaner has been used.	Non-Flammable Contact Cleaner (NF).  <b>CAUTION:</b> NF cleaner can melt certain plastic such as relay bases etc.	Risk of Serious Injury. For further advice, refer <a href="#">WA Mines Safety Bulletin #94</a> . Use of contact cleaning agents. <b>EXTREMELY FLAMMABLE:</b> Failure to adequately ventilate after use can cause vapor to ignite or explode.
Manual Torque Multipliers 	<b>RESTRICTED</b>	Torque multiplier. <b>NOTE:</b> Manual torque multipliers solely for authorised workshop use must be stored / locked away when not in use, authorised access only. <b>NOTE:</b> Onsite maintenance contractors must be advised of authorisation process for use of this restricted tool.	Hydraulic, electric or pneumatic torque multipliers shall be used (i.e. Hytorc). 	Industry fatality and other manual handling injuries.



IMAGE / ITEM	CLASSIFICATION	DESCRIPTION	ALTERNATIVE EXAMPLES	WHY IS THIS ITEM PROHIBITED OR RESTRICTED?
<p>CAT Support Stand</p> 	<b>RESTRICTED</b>	<p>CAT Support Stand, lower main frame &amp; moveable centre post.</p> <p><b>NOTE:</b></p> <p>Authorised maintenance workshop personnel are exempt from the application process for use of this restricted tool.</p>	<p>Ratchet type support stand or fixed height support stands (rated and approved).</p> 	<p>Possibility of uncontrolled movement when the pin is removed from the centre shaft resulting in severe finger / hand injury.</p>

## 11.0 REFERENCES

Type	Document Code/Name or Summary of Reference
Procedure	<a href="#">SOP046 Managing Requests for Alternate Control</a>

## 12.0 TERMS, ABBREVIATIONS AND DEFINITIONS

Term or Abbreviation	Full Description
Alternate Control	A control to be implemented by the site as an alternative to the requirements of a specific section of the group document. The alternative control must be at least as effective in managing the risks as the original requirements.
Control	A measure that maintains and/or modifies risk.  Controls include but are not limited to, any process, policy, device, practice, or other conditions and/or actions which maintain and/or modify risk.
Prohibited Tools and Equipment	Tools and equipment that are banned from Westgold owned and controlled sites.
Restricted Tools and Equipment	Tools and equipment that require approval of an authorised manager to be used or purchased and requires the issuance of a work permit to be used.
Safe Work Procedure / Work Instruction	A written guide or directive that outlines and details the process flow on how to do a certain task or job
WGX	Westgold Resources Limited, and all of its subsidiaries.