



VUL-SWP-029-Relocation of Generators

STANDARD WORK PROCEDURE (SWP)						
Description		Relocating Generators				
Site		Vulcan Mine				
Department		Electrical Department				
Purpose		This procedure applies to the isolation, lifting, transport and relocating of electrical generators at Vulcan Mine.				
PPE Required				Job Step Analysis Reference		
					Job Hazard Analysis – Relocating Generators dated 10/11/2025	
				Other Relevant Information		
Task Specific PPE				VUL-SOP-078-Isolating & Tagging VUL-SOP-021 -Access to Electrical Conductors VUL-SOP-096b-Manual Handling & Ergonomics		
			Personnel performing cleaning tasks shall be fully inducted, hold the relevant training & competencies to complete the work and be fit for work.			
Work Instruction is based on working in a controlled environment. If the environment, tools, equipment changes and or a deviation from this Work Instruction, a new JHA must be created and approved by all workers conducting the task.						
Critical (Hazard) Risks						
Ensure controls are in place for critical risks associated with this task. These include:				• Electrical Shock • Dropped Load/Crushing Injury • Vehicle or Mobile Plant Interaction • Manual Handling & Ergonomics • Pinch points and Caught between Hazards • Load instability or shift during transport • Equipment or lifting gear failure • Slips, trips or falls		
1. Pre-Start Planning						
• Conduct a pre-start meeting and review this SWP and relevant JHA. • Identify and assess potential hazards along the transport route. • Ensure the area is free from obstacles, uneven ground, or overhead obstructions. • Establish exclusion zones and place appropriate signage or barriers. • Confirm all required personnel and equipment are available and in good condition.						



2. Isolate and Disconnect Power
- Electrician to Perform lock out procedure as per VUL-SOP-078-Isolation and Tagging - Verify zero energy state using a test instrument - Disconnect cables and secure them to prevent damage during movement - Electrician to confirm isolation status
3. Prepare Generator for Movement
- Inspect Generator for leaks, loose parts or damage - Secure doors, panels and fuel caps - Ensure cables are secure and in no risk to damage - Identify lifting points and attached certified lifting gear or forks as appropriate - Do not position hands or body under suspended or unsecured loads
4. Lift or Load Generator
- Ensure all personnel are clear of the load and within exclusion zones - Attach tag lines to control swing during lifting - Lift slowly to confirm stability before full lift - Maintain communication between operator and spotter via radio or hand signals - Never walk or stand under a suspended load
5. Transport Generator
- Transport generator at walking pace - Avoid sudden movements or turns that may cause load shift - Spotter to escort load and control crossing/intersection - Stop immediately if unsafe conditions arise (e.g. ground instability, obstructions)
6. Position and Set Down
- Lower Generator onto level, stable ground - Use chocks or restraints to prevent movement - Remove lifting equipment only when load is fully supported - Inspect for damage or leaks after positioning - Ensure fire extinguisher is accessible and in date
7. Reconnect and Re-commission
- Electrician to reconnect electrical cables and confirm correct earthing - Conduct visual inspection and test run as per manufacturer instructions - Remove isolation lock once system is verified and operational - Update asset movement records
8. Post Relocation Review
- Inspect work area and remove barriers, signage and tools - Record completion in site safety system
9. Permit to Energise
Electrician to complete a Permit to Energise form and provide a copy to the Supervisor in charge of the relocation to confirm the Generator can be used.