











Date Revised:	March 2021	Overall Task Risk Rating:	Before Controls	B	After Controls	C
Description:	Activities that require the use of a powered elevating work platform, a mechanical device used to provide temporary access for people or equipment to inaccessible areas.					
Location(s):	Shop, Asphalt Plant & Construction Projects					
Associated Documents: Working at Heights WTS, Overhead Hazards WTS, Hazardous Agents WTS						

RED FLAGS (HOLD WORK UNTIL CORRECTED):

Note:

- If you have not received Working at Heights Training and Aerial Work Platform Training, you are not permitted to operate a Powered Elevated Work Platform (PEWP)
- If you do not have proper fall protection PPE, do not proceed until you have retrieved it

PERSONAL PROTECTIVE EQUIPMENT (CSA APPROVED)

									
Head Protection	Foot Protection	High-Vis Protection	Hearing Protection	Hand Protection	Eye Protection	Respiratory Protection	Skin Protection	Face Protection	Fall Protection
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Note:

- When onsite one must adhere to the minimum site requirements (i.e. Safety Boots, Hard Hat & High Visibility Protection – Safety Glasses when necessary)
- Fall Protection PPE falls under Gazzola Paving’s “Specialized PPE” - Foreman and Superintendents can speak to H&S Coordinators to ensure sufficient specialized PPE is available for the task

SAFE WORK PRACTICES (SWP)

General Powered Elevated Work Platforms (PEWP) Practices:

- Do not use ladders or makeshift devices on top of platform to increase height
- Do not rest materials or equipment on guardrails
- Do not load a PEWP in excess of its rated working load
- Use as per the manufacturer’s operating instructions (i.e. ensure the chain is secure across the access gate; do not climb on guard rails) & related legislature

Fall Prevention:

- 100% tie off in PEWP - Wear a CSA approved full-body harness and tie off to the designated tie-off points
- Ensure equipment described in the Rescue Plan remains unused for other tasks, and available in case of emergency
- Refer to Working at Heights WTS and rescue procedures for more information

Powerline and Overhead Safety:

- Always check for overhead power lines before moving the machine and observe minimum distances from overhead power lines
- Allow for movement and sway of the machine when near overhead power lines
- Refer to Overhead Hazards WTS for more information

Environmental Considerations:

- Take extra precautions when using a PEWP on frozen ground - thawing soil can become water-soaked and lose its ability to bear weight
- Do not use PEWPs during storms or high winds



POWERED ELEVATING WORK PLATFORMS

Inspection:

- All PEWP operators must conduct and record pre-use inspections on the Inspection Checklist
- Inspect the machine before use (damaged, loose, missing or leaking parts; tire pressure; faulty connections; fuel supply; operational warning lights and buzzers; manufacturer’s operating manual is present; safety devices such as tilt and motion alarms are functional; etc.)
- PEWPs must not be used if any defects are identified - inform your superintendent / foreman, and they will arrange for it to be serviced
- Conduct a work area inspection looking for drop offs, holes, uneven surfaces, slopes, bumps, debris, overhead obstructions, etc.

Training:

- Employee Orientations (including roles, responsibilities, applicable workplace task standards, WHMIS, etc.)
- All workers using PEWP, must be trained in its’ use, inspection and care
- Workers using PEWP, must have valid ‘Working at Heights’ training, from an MOL approved training provider
- Only trained, authorized personnel are allowed to operate machinery or equipment
- Only trained, authorized personnel are allowed to perform maintenance / repairs

Personal Protective Equipment:

- Workers on construction projects must wear, at a minimum, head, foot and high visibility protection. Eye protection when necessary
- Workers using PEWP, must have Fall Protection PPE

JOB HAZARD AND RISK ANALYSIS		RISK RATING SYSTEM	
		A	B
TASK HAZARDS	RATING BEFORE CONTROLS	TASK CONTROLS	RATING AFTER CONTROLS
• Falls	B	<ul style="list-style-type: none"> • Workers using PEWP, must have Working at Heights PPE • Workers using PEWP, must have valid ‘Working at Heights’ training 	C
• Lack of Inspection	C	<ul style="list-style-type: none"> • All PEWP operators must conduct and record pre-use inspections • PEWPs must not be used if any defects are identified - inform your superintendent / foreman • Ensure there is a copy of the Operator’s Manual and the Annual Safety Inspection available on site 	C
• Equipment Failure, Improper PEWP use	C	<ul style="list-style-type: none"> • PEWPs must be used in accordance with manufacturer’s instructions & related legislature 	C
• Equipment Overload	B	<ul style="list-style-type: none"> • PEWPs must not be loaded in excess of their load ratings 	C
• Electrical Overhead Hazards	B	<ul style="list-style-type: none"> • Implement Overhead Hazards (Powerlines) WTS • Overhead electrical hazards must be identified and avoided 	C
• Lack of Training	C	<ul style="list-style-type: none"> • All workers using PEWP, must be trained in its’ use, inspection and care 	C
• Lack of Planning	C	<ul style="list-style-type: none"> • PEWPs must be stored in designated areas, and in a way, that does not limit or restrict access and egress pathways • Do not operate within legislated safe approach distances of energized overhead electrical hazards (wires) 	C
• Lack of Maintenance	C	<ul style="list-style-type: none"> • PEWPs shall be operated and maintained as per the manufacturer’s instructions 	C

SAFE JOB PROCEDURES (SJP)

Pre-Task Commencement:

1. Gather and wear the required PPE for the task - on construction sites, all must wear head, foot and high visibility protection. Eye protection when necessary
2. Ensure the site-specific workplace violence assessment is complete
3. Complete the Daily GAZZ Card and review with all workers the shift's tasks with any associated hazards and control strategies
4. Ensure all workers understand the GAZZ Card contents, and sign off in acknowledgement
5. Ensure controls are in place prior to commencing work so risks are mitigated / eliminated
6. Determine what equipment / machinery / tools and material, are required for the completion of the task
7. Inspect all equipment / machinery / tools prior to use and document the inspections on appropriate forms when required
8. Ensure preventative maintenance activities have been completed where required, prior to using equipment / machinery / tools
9. If equipment / machinery / tools are observed to be damaged, remove it from use and notify the Foreman / Superintendent
10. Install fencing and hoarding where needed
11. Develop a Fall Protection Plan incorporating a travel restraint system, which will prevent workers from being ejected from PEWP
12. Develop a Rescue Plan should the worker require assistance, and in the event they are not able to lower themselves to ground level
13. Ensure all workers who will be working in the PEWP, have 'Working at Heights' training
14. Ensure all workers who will be working in the PEWP are trained in its' use, inspection and care
15. Inspect PEWP and the intended work area and complete appropriate inspection forms
16. Ensure workers inspect all Fall Protection Equipment, prior to each use (i.e. for fit and condition) and record it on the Inspection Checklist

During Task:

1. Identify surrounding and local activities for avoidance
2. Mount PEWP using 3 points of contact
3. Workers must immediately attach their fall protection equipment to an appropriate anchor point – 100% tie off mandated
4. PEWPs must be used in accordance with manufacturer's instructions & related legislature
5. Identify surrounding and local activities for avoidance

Task Completion:

1. Ensure all equipment / machinery / tools are maintained and stored appropriately in the designated locations
2. Ensure all Fall Protection Equipment is kept in appropriate condition for further use
3. Implement any housekeeping or maintenance as required