

# ASPHALT PAVER

## Learner Workbook

# TRAINER'S MARKING GUIDE

RIICBS305E –

Conduct asphalt paver operation



This resource was developed by:



Learner Name:

Student Number: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_

# Contact Details

Candidate's details	
<b>Name:</b>	
<b>Address:</b>	
<b>Student Number:</b>	
<b>Phone number:</b>	
<b>Email:</b>	
<b>I.D supplied / USI No ?</b>	
<b>Signature:</b>	

Trainer/Trainer's / Supervisor details	
<b>Name:</b>	
<b>Company/registered training organisation:</b>	
<b>Phone number:</b>	
<b>Email:</b>	
<b>Assessment location:</b>	
<b>Assessment date:</b>	
<b>Signature:</b>	


I declare that:


<b>Student Signature:</b> <b>Date:</b>	This submission is all my own work and has not been copied nor does it violate the material that is listed under the Statement on Plagiarism and Academic Integrity rules, except for any collaboration that has been authorized by my tutor as group work.
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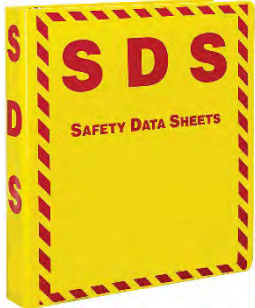
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SAMPLE


<p><b>Question 3</b>  <b>What is the name of the Australian Standard for working with asphalt?</b></p>	<p>PC 1.2</p>
<p>Answer:                   Australian Standard AS 2150: 2005 "Hot mix asphalt—A guide to good practice</p>	


<p><b>Question 4</b>  <b>What are some examples of documentation you may need to read before using an asphalt paver?</b></p>	<p>PC 1.2</p>
<p>Answer may include but not limited to:</p> <ul style="list-style-type: none"> <li>Manufacturer's manual</li> <li>Safety guidelines</li> <li>Operating instructions</li> <li>Maintenance procedures</li> <li>Troubleshooting guide</li> <li>Local regulation</li> <li>Safety data sheet.</li> </ul>	


<p><b>Question 5</b>  <b>What is a safety data sheet (SDS) used for?</b></p>	<p>PC 1.2</p>
<p>Answer may include but not limited to:</p> <ul style="list-style-type: none"> <li>• Hazard Communication: Conveys safety information about the hazards associated with a chemical.</li> <li>• Workplace Safety: Promotes safe handling, storage, and use of chemicals in the workplace.</li> <li>• Emergency Response: Provides guidance for responding to chemical spills or accidents.</li> <li>• Regulatory Compliance: Helps meet occupational safety and health regulations.</li> <li>• Risk Assessment and Management: Assists in identifying hazards and implementing control measures.</li> </ul>	

<p><b>Question 14</b>  <b>How do you find out what material needs to be laid?</b></p>	<p>PC 1.6</p>
<p>Answer may include but not limited to:</p> <ul style="list-style-type: none"> <li>• Consult project specifications</li> <li>• Communicate with the project team</li> <li>• Follow construction contracts or guidelines</li> <li>• Coordinate with suppliers or asphalt plants</li> <li>• Conduct on-site testing or sampling.</li> </ul>	


<p><b>Question 15</b>  <b>How do prepare the material to be handled and laid when working with an asphalt paver?</b></p>	<p>PC 1.6</p>
<p>Answer may include but not limited to:</p> <ul style="list-style-type: none"> <li>• Prepare the paver</li> <li>• Receive the asphalt mix</li> <li>• Inspect the material</li> <li>• Establish a paving plan</li> <li>• Position the paver</li> </ul>	


<p><b>Question 16</b>  <b>What plant, tools and equipment do you need when working with an asphalt paver?</b></p>	<p>PC 1.7</p>
<p>Answer may include but not limited to:</p> <ul style="list-style-type: none"> <li>• Asphalt Mixing Plant</li> <li>• Delivery Trucks</li> <li>• Asphalt Paver</li> <li>• Rollers</li> <li>• Dump Trucks or Material Transfer Vehicles (MTVs)</li> <li>• Asphalt Rakes</li> <li>• Hand Tools</li> <li>• Surveying and Measuring Equipment</li> <li>• Safety Equipment</li> </ul>	

<p><b>Question 17</b>  <b>What faults on tools and equipment should you check for?</b></p>	<p>PC 1.7</p>
<p>Answer may include but not limited to:</p> <ul style="list-style-type: none"> <li>• Damage or Wear</li> <li>• Proper Functioning</li> <li>• Blade or Edge Condition</li> <li>• Handle Integrity</li> <li>• Cleanliness</li> <li>• Lubrication</li> <li>• Calibration (for measuring tools)</li> <li>• Safety Features</li> </ul>	

<p><b>Question 18</b>  <b>What are some emergency procedures when operating an asphalt paver?</b></p>	<p>PC 1.8</p>
<p>Answer may include but not limited to:</p> <ul style="list-style-type: none"> <li>• Operator Safety</li> <li>• Secure the Work Area</li> <li>• Address Fire Hazards                      Use fire extinguisher if necessary.                      Contact emergency services and provide accurate information.                      Evacuate if the fire is out of control or poses a significant threat.</li> <li>• Fluid Leaks</li> </ul>	

## Element 2 – Set up asphalt paver

<p><b>Question 19</b>  <b>What are some start up procedures when operating an asphalt paver?</b></p>	<p>PC 2.1</p>
<p>Answer may include but not limited to:</p> <ul style="list-style-type: none"> <li>• Pre-Operation Inspection</li> <li>• Start the Engine</li> <li>• System Check and Calibration</li> <li>• Warm-up and System Testing</li> </ul>	


<p><b>Question 20</b>  <b>How do you park, shut down and secure an asphalt paver?</b></p>	<p>PC 2.1</p>
<p>Answer may include but not limited to:</p> <p><b>Parking:</b>          Choose a safe and level parking area away from hazards.          Bring the paver to a complete stop.          Engage the parking brake to prevent unintended movement.          Lower the screed to its lowest position.</p> <p><b>Shutting Down:</b>          Turn off all machine functions and auxiliary systems.          Allow the engine to idle for a few minutes to cool down.          Follow the manufacturer's instructions for proper engine shutdown procedures.</p> <p><b>Securing:</b>          Install wheel chocks or engage track locks to prevent the paver from rolling or moving.          If available, use additional measures like hydraulic locks or immobilisation devices.          Lock the operator's compartment and secure valuable tools or equipment.</p>	


## Element 3 – Operate asphalt paver

<p><b>Question 26</b>  <b>What are edge treatments when using an asphalt paver?</b></p>	<p>PC 3.1</p>
<p>Answer:</p> <p>Edge and joint treatments are important aspects of asphalt paving that help ensure the integrity and longevity of the pavement.</p>	
<p><b>Question 27</b>  <b>What are joint treatments when using an asphalt paver?</b></p>	<p>PC 3.1</p>
<p>Answer:</p> <p>Joints are intentional gaps or seams introduced between adjacent sections of the asphalt pavement to allow for thermal expansion and contraction. Joint treatments help ensure that these gaps are properly filled and sealed to prevent the ingress of water, debris, and other substances.</p>	
<p><b>Question 28</b>  <b>What are the steps for laying down an asphalt road?</b></p>	<p>PC 3.1</p>
<p>Answer may include but not limited to:</p> <ol style="list-style-type: none"> <li>1. Site preparation</li> <li>2. Subgrade preparation</li> <li>3. Base course installation</li> <li>4. Placement of binder course</li> <li>5. Compaction</li> <li>6. Surface course application</li> <li>7. Screed operation and finishing</li> <li>8. Final compaction</li> <li>9. Curing and cooling down.</li> </ol>	



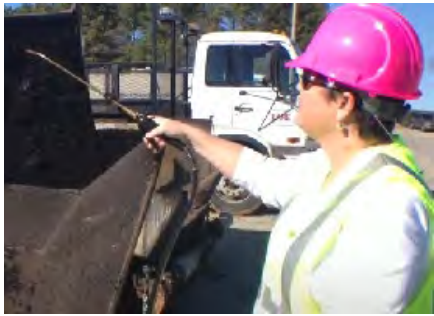


## Element 5 – Relocate paver

<p><b>Question 37</b>  <b>How do you prepare the paver for relocation?</b></p>	<p>PC 5.1</p>
<p>Answer may include but not limited to:</p> <p><b>Clean the paver thoroughly</b> by removing debris to ensure it's free from any materials that could cause damage during transportation.</p> <p><b>Conduct a detailed inspection of the paver</b> to identify any existing damage or mechanical issues, documenting them for reference and potential repairs.</p> <p><b>Secure or remove loose parts</b> such as screeds or auxiliary equipment, storing them separately to protect them from damage and ensure easy reinstallation later.</p> <p><b>Fold or retract components</b> like screed extensions or conveyor belts to decrease the overall dimensions of the paver, facilitating easier and safer transport.</p> <p><b>Fasten the paver securely onto a trailer or transportation vehicle</b> using approved restraints like straps or chains, ensuring even distribution and balanced placement for stability during transit.</p> <p><b>Check on any necessary permits</b> specific to the transportation of heavy equipment like the asphalt paver.</p> <p><b>Consider engaging professionals</b></p>	

<p><b>Question 38</b>  <b>How do you drive the paver safely on highways and construction sites?</b></p>	<p>PC 5.2</p>
<p>Answer may include but not limited to:</p> <p>Plan the route</p> <p>Check for permits and restrictions</p> <p>Check trailer or truck condition</p> <p>Check traffic conditions</p> <p>Coordinate with escorts and flaggers</p>	

## Element 6 – Clean up

<p><b>Question 39</b>  <b>How do you clear the work area and dispose of and recycle materials?</b></p>	<p>PC 6.1</p>
<p>Answer may include but not limited to:</p> <p>Collect excess asphalt                  Dispose of waste materials                  Separate recyclable materials</p>	
<p><b>Question 40</b>  <b>What environmental requirements do you have when cleaning up after using an asphalt paver?</b></p>	<p>PC 6.1</p>
<p>Answer may include but not limited to:</p> <ul style="list-style-type: none"> <li>• Containment of waste materials</li> <li>• Spill prevention and control</li> <li>• Proper disposal of waste materials</li> <li>• Recycling and reuse</li> </ul>	
<p><b>Question 41</b>  <b>How do you clean and do post operational checks on an asphalt paver?</b></p>	<p>PC 6.2</p>
<p>Answer may include but not limited to:</p> <p>Make sure the asphalt paver is turned off and the engine is cool. Put on appropriate personal protective equipment (PPE) such as gloves, safety glasses, and work boots.</p> <p><b>Cleaning the machine:</b></p> <p>a. Remove loose debris: Use a broom or compressed air to remove loose asphalt, rocks, or other debris from the paver's exterior and the screed.</p>	

## Practical training tasks – Check List

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit; including evidence of the ability to:

- conduct asphalt paver operations according to project specifications on **at least two occasions with at least two different asphalt or surface types.**

**NOTE: You will do each task once when completing the workbook and once when doing the final summative assessment.**

### Practical Training Task 1 – Prepare to conduct asphalt operations

**SCENARIO** [Your trainer will give you the following job or something similar.]

You have been assigned to operate an asphalt paver for a road construction project. Your task is to lay down a smooth and even layer of asphalt on a designated section of the road. Before you can begin the operation, you need to go through a series of preparations to ensure everything is set up correctly.

Task	Satisfactory
<p><b>Review project plans and specifications:</b> Start by carefully reviewing the project plans and specifications provided by the engineering team. Understand the scope of work, the specific section of the road to be paved, and any special requirements or considerations mentioned in the documentation.</p>	
<p><b>Conduct a pre-operational inspection:</b> Inspect the asphalt paver thoroughly before starting the operation. Check the machine's overall condition, including tires or tracks, engine, hydraulic system, screed, conveyor belts, and any other relevant components. Ensure that everything is in proper working order and that there are no leaks or visible damage.</p>	
<p><b>Check and load the asphalt:</b> Verify that the correct type and grade of asphalt mix have been delivered to the construction site. Confirm that the temperature of the asphalt is within the required range for proper paving. Coordinate with the asphalt supplier or plant to arrange for the loading of the material onto the paver's hopper.</p>	
<p><b>Set up the paver:</b> Position the asphalt paver at the starting point of the designated section. Adjust the screed height and width according to the project specifications. Calibrate and test the controls, sensors, and instrumentation of the paver to ensure accurate operation. Check the fuel and fluid levels to ensure they are sufficient for the intended duration of the operation.</p>	

<p><b>Establish safety measures:</b> Prioritize safety throughout the operation. Ensure that all necessary personal protective equipment (PPE) is available and worn correctly. Set up warning signs, barricades, or traffic cones to create a safe work zone for both the crew and passing vehicles. Communicate and coordinate with the construction team and any flaggers or traffic control personnel to ensure a safe work environment.</p>	
<p><b>Environmental considerations:</b> Consider the impact of your operations on the environment. If the project involves working near sensitive areas such as water bodies, wildlife habitats, or residential neighborhoods, take extra precautions to minimise disturbance or pollution. Implement erosion control measures to prevent sediment runoff into nearby water sources. Properly manage and dispose of any waste materials generated during the paving process, such as excess asphalt or packaging materials.</p>	
<p><b>Coordinate with the crew:</b> Collaborate with the crew members who will assist you during the operation. Assign responsibilities and establish clear communication protocols. Discuss the sequencing of tasks, such as the delivery of asphalt trucks, the use of a material transfer vehicle if applicable, and the need for any additional equipment or tools.</p>	
<p><b>Conduct a final walkaround:</b> Take a final walkaround inspection of the paver to ensure everything is in order before starting the operation. Look for any potential hazards or obstacles that could impede the paving process. Verify that all safety devices, such as emergency stop buttons and alarms, are functional.</p> <p>Once you have completed these preparations, you will be ready to commence the asphalt paver operation and lay down a smooth and high-quality layer of asphalt on the designated section of the road.</p>	

**The applicants' performance in Practical Assessment 1 – Prepare to conduct asphalt paver operations:**

Satisfactory

Not yet satisfactory

**Applicant signature:**

**Date:**

**Trainer/trainer signature:**

**Date:**



## Practical Training Task 3 – Operate asphalt paver

**SCENARIO** [Your trainer will give you the following job or something similar.]

In a bustling construction site, the skilled asphalt paver operator begins their day early in the morning. After conducting a thorough pre-operation inspection, they climb into the seat of the paver, ready to take on the day's paving tasks. With the turn of the key, the engine roars to life as the operator engages the drive system. Carefully maneuvering the paver, they align it with the delivery trucks loaded with hot asphalt mix. Opening the hopper gates, they observe the smooth flow of asphalt starting. As the operator starts moving forward, they maintain a consistent and uniform speed, closely monitoring the thickness and evenness of the spread. Clear communication with the screed hand at the back of the machine is maintained, ensuring that the asphalt is laid according to specifications. Simultaneously, the operator keeps a watchful eye on the movement of the asphalt plant and the safety of the crew. Throughout the day, they repeat the process, skillfully guiding the paver to create a flawless, durable road surface.

**Note:** conduct asphalt paver operations on at least one:

- residential project
- commercial project
- highway projects project

Task	Satisfactory
Conduct a pre-operation inspection of the asphalt paver to ensure it is in good working condition.	
Start the paver's engine and familiarize yourself with the controls and gauges.	
Engage the drive system and begin moving the paver forward.	
Maneuver the paver to align with the delivery vehicles loaded with hot asphalt mix, ensuring no bumping or accidents occur.	
Open the hopper gates to start the flow of asphalt mix onto the paver. Deliver material through the paver including manual and automatic control.	
Adjust the paver's speed to maintain a uniform rate during spreading operations. Construct operations to required thickness, uniformity, line and level.	
Constantly monitor the flow and thickness of the asphalt mix being spread, making adjustments as needed.	

Maintain communication with the screed hand at the back of the machine to confirm the asphalt is being spread to specifications.	
Monitor the movement of the asphalt plant and ensure the safety of the crew working around it.	
Communicate any potential hazards to the crew and take necessary precautions to mitigate risks.	
<p>Work with others to undertake and complete asphalt paver operations that meets the required outcomes, including:</p> <ul style="list-style-type: none"> <li>• organising work activities to meet all task requirements <input type="checkbox"/></li> <li>• communicating with others to receive and clarify work instructions <input type="checkbox"/></li> <li>• using a range of communication techniques and systems <input type="checkbox"/></li> <li>• using signage to advise others of work activity and exclusion zone <input type="checkbox"/></li> </ul>	
<p>Work on:</p> <ul style="list-style-type: none"> <li>• both matching and unsupported edges</li> <li>• three longitudinal joints (of at least 100m)</li> <li>• six transverse joints</li> <li>• five sections of straight paving with one of at least 100 linear metres</li> <li>• three intersections</li> </ul>	
Repeat the process of engaging delivery vehicles, maintaining uniform speed, monitoring the asphalt mix, and communicating with the screed hand throughout the day.	
Park the paver, conduct a final inspection, and shut down the machine at the end of the day.	

The applicants' performance in Practical Assessment 3 – Operate asphalt paver was deemed to be:

Satisfactory

Not yet satisfactory

Applicant signature:

Date:

Trainer/trainer signature:

Date:

## Practical Training Task 4 – Carry out operator maintenance



**SCENARIO** [Your trainer will give you the following job or something similar.]

You are going to carry out maintenance on your asphalt paver. Follow the steps below:

Task	Satisfactory
<p><b>Preparation:</b></p> <p>Gather the necessary tools and equipment for the maintenance task, including a wrench set, grease gun, lubricating oil, cleaning materials, safety goggles, gloves, and any specific replacement parts required. Additionally, ensure that the asphalt paver is parked in a safe and well-ventilated area.</p>	
<p><b>Inspection and Fault Finding:</b></p> <p>Before starting any maintenance activities, visually inspect the asphalt paver to identify any visible signs of wear, damage, or leaks. Pay particular attention to components such as the engine, hydraulic system, screed, augers, conveyor system, and tracks. Also, check for any abnormal noises or vibrations during the inspection process. If any faults or issues are found, document them for further investigation.</p>	
<p><b>Refer to Workplace Procedures:</b></p> <p>Follow the specific workplace procedures for asphalt paver maintenance. These procedures may include step-by-step instructions, safety guidelines, and manufacturer recommendations. Adhere to the procedures to ensure consistency and compliance with workplace standards.</p>	
<p><b>Lubrication:</b></p> <p>Start by lubricating various moving parts of the asphalt paver. Use a grease gun to apply grease to the necessary points, such as bearings, hinges, and pivot points. This helps reduce friction and prevent premature wear. Follow the recommended lubrication schedule and use the appropriate type of lubricant specified by the manufacturer.</p>	
<p><b>Fluid Check:</b></p> <p>Check the fluid levels of essential systems, including the engine oil, hydraulic fluid, coolant, and fuel. Top up any fluids that are below the recommended levels, ensuring they are within the manufacturer's specifications. Additionally, inspect the fluids for any signs of contamination or discoloration, which may indicate underlying issues.</p>	
<p><b>Filter Replacement:</b></p>	

<p>Filters play a crucial role in maintaining the performance of an asphalt paver. Identify and replace the engine oil filter, hydraulic filter, and fuel filter as per the maintenance schedule. Ensure the filters are of the correct size and type recommended by the manufacturer. Dispose of the used filters properly.</p>	
<p><b>Belt and Chain Inspection:</b></p> <p>Inspect belts and chains for any signs of fraying, damage, or excessive wear. Replace them with new belts or chains if necessary, following the manufacturer's guidelines. Adjust the tension of the belts as per the specifications to ensure proper operation. Document any belt or chain replacements in the maintenance records.</p>	
<p><b>Cleaning:</b></p> <p>Clean the exterior of the asphalt paver using appropriate cleaning materials, removing any dirt, debris, or asphalt buildup. This helps prevent corrosion and ensures proper functioning of components such as sensors, controls, and gauges. Use caution while cleaning sensitive areas to avoid damage.</p>	
<p><b>Test Run and Fault Verification:</b></p> <p>Once the maintenance tasks are completed, start the asphalt paver and engage its systems to verify that everything is functioning correctly. Observe for any abnormal noises, leaks, or vibrations. If any issues are detected, investigate and rectify them according to the workplace procedures. Document any faults found during the test run.</p>	
<p><b>Documentation:</b></p> <p>Update the maintenance log, documenting the tasks performed, any parts replaced, fluid levels, faults identified, and the actions taken to rectify them. Include specific details such as dates, times, and personnel involved in the maintenance process. These written records serve as a reference for future maintenance, help track the overall condition of the asphalt paver, and ensure compliance with workplace procedures and regulatory requirements.</p>	

**The applicants' performance in Practical Assessment 4 – Carry out operator maintenance was deemed to be:**

Satisfactory

Not yet satisfactory

**Applicant signature:**

**Date:**

**Trainer/trainer signature:**

**Date:**



## Practical Training Task 5 – Relocate paver.



**SCENARIO** [Your trainer will give you the following job or something similar.]

The construction project requires the asphalt paver to be relocated to a new work area. You assess the site conditions and plan the relocation process accordingly. Consider factors such as accessibility, ground stability, obstacles, and the availability of support equipment.

Task	Satisfactory
<p><b>PREPARING AN ASPHALT PAVER FOR A TRANSPORT VEHICLE</b></p>	
<p><b>Equipment Inspection:</b></p> <p>Conduct a thorough inspection of the asphalt paver to ensure it is in proper working condition. Check for any visible signs of damage, leaks, or worn-out components. Pay attention to critical areas such as the engine, hydraulic system, screed, augers, conveyors, and tracks. Make note of any issues discovered during the inspection.</p>	
<p><b>Secure Loose Parts:</b></p> <p>Before the relocation, secure any loose parts or accessories on the asphalt paver. This includes folding or securing extendable components, retracting movable elements such as augers or conveyors, and properly fastening any detachable attachments. Ensure that everything is tightly secured to prevent damage or loss during transit.</p>	
<p><b>Fluid and Fuel Levels:</b></p> <p>Check the fluid levels of essential systems, including engine oil, hydraulic fluid, coolant, and fuel. Top up any fluids that are below the recommended levels. Also, ensure that the fuel tank has sufficient fuel to reach the destination or plan for refueling along the way.</p>	
<p><b>Battery Disconnection:</b></p> <p>If the relocation requires a significant distance or a long period of inactivity, consider disconnecting the battery. This helps prevent the battery from draining and ensures it remains in good condition. Follow the manufacturer's guidelines for battery disconnection and reconnection procedures.</p>	
<p><b>Secure Transportation Vehicle:</b></p> <p>If using a transportation vehicle, ensure that it is suitable for transporting the asphalt paver. Verify that the vehicle is properly maintained, has the necessary load capacity, and is equipped with appropriate tie-downs or restraints. Double-check the condition and security of the vehicle before proceeding.</p>	

<p><b>Safety Precautions:</b></p> <p>Prioritize safety during the relocation preparations. Use appropriate personal protective equipment (PPE) such as gloves, safety goggles, and steel-toe boots. Follow established safety protocols and guidelines, especially when working around heavy machinery and during the securing process.</p>	
<p><b>Communication and Coordination:</b></p> <p>Communicate with other team members involved in the relocation process to ensure a coordinated effort. Assign roles and responsibilities, and establish clear communication channels to relay instructions effectively. Maintain open lines of communication throughout the entire relocation process.</p>	
<p><b>DRIVE THE PAVER SAFELY ON HIGHWAYS AND CONSTRUCTION SITES</b></p>	
<p><b>Preparations:</b></p> <p>Before driving the asphalt paver, ensure that it is in proper working condition. Conduct a thorough inspection of the paver, checking critical components such as the engine, hydraulic system, steering, brakes, lights, and tires. Make sure all fluids are at the recommended levels and that the fuel tank is filled adequately.</p>	
<p><b>Safety Equipment:</b></p> <p>Prioritize safety by wearing appropriate personal protective equipment (PPE) such as a hard hat, high-visibility vest, safety goggles, and steel-toe boots. Keep a fire extinguisher, first aid kit, and other necessary safety equipment readily accessible in the vehicle.</p>	
<p><b>Route Planning:</b></p> <p>Plan the route for relocating the asphalt paver, considering factors such as traffic conditions, road closures, and construction zones. Identify the most efficient and safe path, avoiding narrow roads, low bridges, and areas with weight restrictions. Refer to local traffic regulations and obtain any necessary permits for transporting oversized equipment.</p>	
<p><b>Communication:</b></p> <p>Establish clear communication channels with other vehicles or team members involved in the relocation process. Use radios or hands-free communication devices to ensure smooth coordination during the drive. Agree upon specific signals or procedures for stopping, turning, or addressing any unexpected situations.</p>	
<p><b>Safe Driving Practices:</b></p> <p>Adhere to safe driving practices while operating the asphalt paver on highways and construction sites. Observe speed limits, maintain a safe following distance, and use indicators when changing lanes or making turns. Pay close attention to the surrounding traffic, pedestrians, and construction workers.</p> <p><b>Construction Site Precautions:</b></p>	

## Practical Training Task 6 – Clean up



**SCENARIO** [Your trainer will give you the following job or something similar.]

**Job:** Cleaning and Maintaining the Asphalt Paver

After completing the asphalt paving task, the asphalt paver operator is responsible for cleaning and maintaining the equipment. They diligently remove any excess asphalt, debris, or spilled materials from the paver, conveyors, screeds, and other components using tools such as shovels, brooms, or high-pressure water systems. The operator performs routine maintenance tasks, including checking and cleaning filters, lubricating moving parts, and inspecting components for signs of wear or damage. By ensuring thorough cleaning and maintenance of the asphalt paver, the operator contributes to its optimal performance, extends its lifespan, and promotes a safe and efficient paving process.

Task	Satisfactory
<p><b>Assess the Work Area:</b></p> <p>After completing the asphalt paving task, assess the work area to determine the extent of cleaning required. Identify any loose asphalt, debris, or spills that need to be addressed.</p>	
<p><b>Personal Protective Equipment (PPE):</b></p> <p>Put on appropriate personal protective equipment (PPE) such as gloves, safety goggles, and high-visibility vest before beginning the cleaning process. This ensures your safety during the cleanup activities.</p>	
<p><b>Remove Loose Asphalt:</b></p> <p>Use a broom, rake, or shovels to remove loose asphalt from the work area. Sweep the pavement thoroughly to collect loose debris, excess asphalt, or any other materials left behind during the paving process. Dispose of the collected debris in designated containers or as per local regulations.</p>	
<p><b>Address Spills or Stains:</b></p> <p>If there are any spills or stains on the pavement, address them promptly. Use appropriate cleaning materials or solvents recommended by the manufacturer or industry guidelines to remove the spills. Take care to follow any environmental regulations and disposal protocols while handling cleaning agents.</p>	

<p><b>Recycling Materials:</b></p> <p>Separate recyclable materials such as asphalt chunks or scrap from the collected debris. Place them in designated containers or arrange for recycling as per local recycling programs. Recycling materials helps reduce waste and supports sustainable practices.</p>	
<p><b>Perform Simple Maintenance:</b></p> <p>Take the opportunity to perform simple maintenance tasks on the asphalt paver and associated equipment. Check and clean filters, lubricate moving parts, and inspect components for any signs of wear or damage. Perform minor adjustments or repairs as needed to keep the equipment in good working condition.</p>	
<p><b>Proper Waste Disposal:</b></p> <p>Dispose of the collected debris, cleaning materials, and any waste generated during the cleanup process in designated containers or according to local regulations. Separate and dispose of hazardous or non-recyclable materials appropriately, following environmental guidelines.</p>	
<p><b>Store tools and equipment:</b></p> <p>Clean, check, perform maintenance on, relocate and store equipment.</p>	
<p><b>Documentation:</b></p> <p>Maintain documentation of the cleanup activities, including the date, time, and specific tasks performed. This documentation serves as a record of the cleanup process and can be valuable for future reference or compliance purposes.</p>	
<p>Remember, always follow the specific guidelines and protocols established by your workplace, project, or regulatory authorities when cleaning up the work area after using an asphalt paver. By recycling materials, performing simple maintenance, and carrying out housekeeping, you contribute to sustainability, equipment longevity, and a safe working environment.</p>	

**The applicants' performance in Practical Assessment 6 – Clean up activity was deemed to be:**

Satisfactory

Not yet satisfactory

**Applicant signature:**

**Date:**

**Trainer/trainer signature:**

**Date:**

## Assessment Summary – Competency Sign Off

Knowledge question	Satisfactory	Not Satisfactory
1. Prepare to conduct asphalt paver operations	<input type="checkbox"/>	<input type="checkbox"/>
2. Set up asphalt paver	<input type="checkbox"/>	<input type="checkbox"/>
3. Operate asphalt paver	<input type="checkbox"/>	<input type="checkbox"/>
4. Carry out operator maintenance	<input type="checkbox"/>	<input type="checkbox"/>
5. Relocate paver	<input type="checkbox"/>	<input type="checkbox"/>
6. Clean up	<input type="checkbox"/>	<input type="checkbox"/>
<b>Practical training tasks</b>		
1. Prepare to conduct asphalt paver operations	<input type="checkbox"/>	<input type="checkbox"/>
2. Set up asphalt paver	<input type="checkbox"/>	<input type="checkbox"/>
3. Operate asphalt paver	<input type="checkbox"/>	<input type="checkbox"/>
4. Carry out operator maintenance	<input type="checkbox"/>	<input type="checkbox"/>
5. Relocate paver	<input type="checkbox"/>	<input type="checkbox"/>
6. Clean up	<input type="checkbox"/>	<input type="checkbox"/>
<b>Competency:</b>	Not Yet Competent <input type="checkbox"/>	Competent <input type="checkbox"/>
	Date _____	Date _____
<b>Feedback to be given to candidate:</b>		
<b>Trainer / Trainer signature:</b> <b>Date:</b>	The learner has been assessed as <input type="checkbox"/> <b>Not Yet competent</b> / <input type="checkbox"/> <b>competent</b> in the elements and performance criteria, critical aspects for assessment, required skills and knowledge for this unit and the evidence presented is: <input type="checkbox"/> <b>Authentic</b> <input type="checkbox"/> <b>Valid</b> <input type="checkbox"/> <b>Reliable</b> <input type="checkbox"/> <b>Current</b> <input type="checkbox"/> <b>Sufficient</b>	

**SAMPLE**