

Apprentice SkilledTradesBC Individual ID #:	Apprentice Legal First Name:	Apprentice Legal Last Name:
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**GRADER OPERATOR SKILLS**

Job Tasks GRADER OPERATOR SKILLS	Declaration Response
<p><b>TIME REQUIRED / HOURS REPORT</b></p> <p>1. The hours needed to successfully challenge for a certificate of qualification / endorsement for the Grader is 900 hours:</p> <p>Total number of hours reporting for this period: _____</p> <p>Employment Start Date: _____ End Date: _____</p>	<p>Yes: <input type="checkbox"/></p> <p>No: <input type="checkbox"/></p>
<p><b>WORK SAFELY</b></p> <p>1. Compliance with all regulatory requirements and established safe practices – some key examples include:</p> <ul style="list-style-type: none"> <li>– PPE</li> <li>– 3 point contact</li> <li>– lowering implements whenever work pauses</li> <li>– lockouts</li> <li>– safe parking</li> </ul> <p>2. Skills in the identification of key hazards and use of strategies to work safely – examples:</p> <ul style="list-style-type: none"> <li>– stability of excavations, trenches</li> <li>– stability of machine</li> <li>– hoisting and rigging practices</li> <li>– awareness of position, clearance, safe movement, other machinery/vehicles/workers</li> </ul>	<p>Yes: <input type="checkbox"/></p> <p>No: <input type="checkbox"/></p>
<p><b>START-UP AND SHUT DOWN OF EQUIPMENT</b></p> <p>1. Comprehensive pre operational checks including at a minimum:</p> <ul style="list-style-type: none"> <li>– General walk around</li> <li>– All fluid levels</li> <li>– Visual check for loose hardware, cracks, damaged components, leaks, tires</li> <li>– Proper operation of all systems: operator controls, monitoring, lighting, lockouts, brakes and other safety Devices/equipment</li> <li>– Refer to checklists to confirm thoroughness</li> </ul> <p>2. Start up procedures:</p> <ul style="list-style-type: none"> <li>– confirm monitoring system operation</li> <li>– warm up engine, then hydraulics and drive system</li> </ul> <p>3. Shutdown procedures:</p> <ul style="list-style-type: none"> <li>– Position that’s safe, level, accessible</li> <li>– Blade and attachments lowered, lockout</li> <li>– Cool down</li> <li>– Basic visual inspection</li> <li>– Maintenance as required (see below)</li> <li>– Secured</li> </ul>	<p>Yes: <input type="checkbox"/></p> <p>No: <input type="checkbox"/></p>
<p><b>MAINTAIN AND MONITOR EQUIPMENT</b></p> <p>1. Maintenance procedures</p> <ul style="list-style-type: none"> <li>– Greasing</li> <li>– Tire pressure</li> <li>– Air: pre-cleaner, dust unloading valve, re &amp; re filter</li> <li>– fuel: tank sump, water separator, re &amp; re filter, bleed air</li> <li>– top up all fluids</li> <li>– batteries: corrosion, fluid</li> </ul> <p>2. Monitoring</p> <ul style="list-style-type: none"> <li>– ‘noticing’ gauges, monitoring systems</li> <li>– ‘noticing’ leaks, unusual noises and vibrations, loose hardware, cracks</li> <li>– responding appropriately: report, continue to monitor, or immediate shutdown</li> <li>– Visual checks, constant awareness of space, position, clearance, safe movement</li> </ul>	<p>Yes: <input type="checkbox"/></p> <p>No: <input type="checkbox"/></p>

# HEAVY EQUIPMENT OPERATOR

## DECLARATION OF WORK EXPERIENCE

SkilledTradesBC Customer Service  
800 – 8100 Granville Ave.  
Richmond, BC V6Y 3T6  
Tel: 778-328-8700  
Fax: 778-328-8701  
Toll Free: 1-866-660-6011  
customerservice@skilledtradesbc.ca

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Job Tasks GRADER OPERATOR SKILLS	Declaration Response
<b>APPLY OPERATING FUNDAMENTALS</b> 1. Smooth and precise controlled operation of each function of blade movement 2. Appropriate position of blade for task 3. Proficient control of drive system, appropriate gear and speed, smooth changes of direction and gear 4. No tire spinning 5. Match blade load to available power, traction, degree of control required 6. Proficient steering, use of wheel lean, turning around, awareness of clearance 7. Use wheel lean to counter act side draft 8. Proficient use of articulation to increase working power, stability, reach, general efficiency 9. Efficient patterns, windrow placement, machine position	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
<b>PERFORM JOB SPECIFIC TASKS – CUT/FILL/CREATE SPECIFIED PROFILE</b> 1. Quickly form windrow that is sized to balance load with power and traction 2. Manage windrows for efficiency, minimal number of passes, effective planning 3. Cut to specified profile 4. Place material on specified profile 5. Suggested criteria for this level of competency is to create profile within +/- 5cm of specified elevation, slope, crown 6. Ability to utilize materials and process materials under the blade without over separation of materials and excessive handling 7. Ability to sort material – for example: gradation to separate fines from larger rock 8. Adequate productivity (time)	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
<b>PERFORM JOB SPECIFIC TASKS – CREATE SLOPES AND TRENCHES</b> 1. Suggested criteria for sloping at this level of competency is to create profile within +/- 10cm of specified slopes 2. Suggested criteria for trenching at this level of competency is to create profile within +/- 10cm of specified ditch grade and profile and with alignment within 10cm of 'straight' 3. High lift blade positions, wheel lean and articulation as appropriate 4. Quickly form windrow that is sized to balance load with power and traction 5. Manage windrows for efficiency, minimal number of passes, effective planning 6. Cut to specified profile 7. Place material on specified profile 8. Ability to sort material – for example: gradation to separate fines from larger rock 9. Adequate productivity (time)	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
<b>PERFORM JOB SPECIFIC TASKS – PERFORM ROAD MAINTENANCE/SHOULDERING</b> 1. Cleaning out roadside ditches 2. Awareness of culverts and other structures – avoid damage 3. Awareness of traffic management issues 4. Quickly form windrow that is sized to balance load with power and traction 5. Ability to determine appropriate blade positioning 6. Ability to read the road to determine and make appropriate cut passes 7. Manage windrows for efficiency, minimal number of passes, effective planning 8. Cut to specified profile 9. Spread and place material on specified profile 10. Suggested criteria for this level of competency is to create profile within +/- 5cm of specified elevation, slope, crown 11. Ability to sort material – for example: gradation to separate fine from larger rock 12. Ability to process surface materials within the road surface area with no surface material loss 13. Ability to process materials cleanly (consistent smooth finished profiles) 14. Adequate productivity (time)	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
<b>PERFORM JOB SPECIFIC TASKS – DRIVE ON PUBLIC ROADS</b> 1. Awareness of legal issues: insurance, lights, signs as required 2. Travel at speeds appropriate to conditions (traffic, roughness, grade, hazards) 3. Exercise extreme caution, awareness of traffic, clearance	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
<b>Name of Apprentice’s Supervisor (printed): _____ Signature: _____</b>	

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**Employer/Sponsor Declaration:**

*"I attest that the work-based training completed by the above named trainee/apprentice is being done under the supervision / direction of a certified tradesperson or equivalent"*

Sponsor Organization Name:	Name of Authorized Sponsor Representative: (please print)
Sponsor Organization ID #:	Signature of Authorized Sponsor Representative: