

## Skid Steer Loader

*This Evaluation Guide for Skills Demonstration is to be used in the evaluation of an operator for certification on the specific piece of equipment stated above. It is intended that this Guide be followed closely during an evaluation, and the operator is expected to demonstrate competency in each of the items listed. However, variances may be made in some situations when, in the opinion of an evaluator, site conditions, operational constraints or the demonstrated skill of the operator requires that an item(s) be deleted or added to ensure a comprehensive evaluation. Documentation of any variance in the evaluation, and documentation of satisfactory completion of the evaluation and subsequent certification is to be made on the appropriate Certification Form.*

### **1. Performs a thorough pre-op inspection and daily/weekly preventive maintenance, as needed**

- A. Removes keys from ignition for safety
- B. Checks that R 297g is in the vehicle
- C. Reviews R 297g for prior failures
- D. Completes R297g correctly (see attached Preventive Maintenance Checklist for relevant items)
- E. Makes note of deficiencies on EM3; completes EM3 correctly
- F. Checks that warning and safety decals are in place
- G. Distinguishes when vehicle should not be operated
- H. Verifies vehicle is safe to operate
- I. States all safety warnings for machine
- J. Inspects the following machine components: engine, tires, body exterior, loader interior (see items 2 through 5)

### **2. Engine**

- A. Checks oil and coolant levels
- B. Checks that battery cables are clean and tight
- C. Checks that oil and fuel filters are in good condition, secured tight, and without leaks
- D. Cleans debris from oil cooler, radiator and grill
- E. Checks air filter condition indicator. If red ring is showing, replaces air filter
- F. Drains water from fuel filter

### **4. Tires**

- A. Checks for damage, abrasions, cuts, etc.
- B. Checks for proper inflation (in accordance with manufacturer's tire guidelines)
- C. Checks rim and tire bead for damage
- D. Looks for signs of looseness or egg-shaping in holes of the lug nuts

### **5. Body Exterior**

- A. Checks that grab handles are secure and clean
- B. Checks that lights, warning lights, and reflectors are intact, properly attached and operating correctly
- C. Checks lift arms and cylinder pivot pins for damage, cracks and are tight
- D. Checks Bob-Tach for free movement of wedges and Bob-Tach levers
- E. Checks fluid level of hydraulic/hydrostatic system, add if necessary

## **6. Loader Interior**

- A. Checks condition of seat belt
- B. Checks seat bar and pedal interlocks for proper operation
- C. Cleans dirt and debris from foot pedals and hand levers

## **7. Starts skid steer loader properly and safely**

- A. Uses grab handles and safety tread to enter loader
- B. Adjusts seat and fastens seat belt
- C. Ensures that the parking brake is engaged
- D. Lowers seat bar
- E. Makes sure foot pedals and steering levers are in neutral position
- F. Sets throttle to half position and releases when engine starts
- G. Lets engine idle 2-3 minutes
- H. Checks hydraulics by raising lift arms and tilting bucket

## **8. Demonstrates complete control of forward, reverse and turning movements**

- A. Motion of machine is smooth and coordinated
- B. Machine approaches (intended target) without excessive maneuvering
- C. Controls are operated accurately so that machine moves in intended direction

## **9. Transports skid steer loader to job site safely**

- A. Ensures that trailer is properly hooked up to towing vehicle
- B. Checks that trailer lights operate
- C. Checks that safety chains are attached
- D. Puts loader on trailer; backs on if bucket is empty or if there is no attachment
- E. Lowers the bucket or attachment to the floor
- F. Stops engine, engages the parking brake
- G. Chains the front and rear of loader to the trailer

## **10. Properly fills and empties bucket**

- A. Puts lift arms all the way down
- B. Places cutting edge of bucket on ground

- C. Drives slowly forward into material
- D. Raises front of the bucket
- E. Drives backward away from material
- F. Raises the bucket over the truck or pile
- G. Drives forward until bucket is over top of the truck or pile
- H. Tilts bucket until empty

### **11. Properly uses bucket to dig into ground**

- A. Puts lift arm all the way down
- B. Places cutting edge of bucket on ground
- C. Drives slowly forward until bucket enters the ground
- D. Increases traction and keeps an even digging depth
- E. Continues forward until bucket is full
- F. Tilts the bucket backward when bucket is full

### **12. Demonstrates the versatility of the equipment by simulating the use of other attachments (optional at the discretion of the evaluation committee)**

- A. Simulates the use of the pavement breaker or similar attachment
- B. Simulates the use of the cutting attachment or similar equipment

### **13. Shuts down and cleans machine after use**

- A. Parks on level ground
- B. Lowers lift arms and puts edge of bucket on ground
- C. Pulls engine speed control all the way backward
- D. Turns the key switch to the OFF position
- E. Engages parking brake
- F. Lifts the seat bar
- G. Checks that foot pedals are in locked position
- H. Exits cab properly using grab handles and safety tread
- I. Cleans and secures vehicle as appropriate
- J. Completes post operational check according to local policy
- K. Completes all necessary paperwork (i.e.: equipment report, R 297g, etc.)