Progressive Training ™
(WA) Pty Ltd
RTO 5274 ABN 49 115 478 003
Training from within

RIIMPO308F Conduct tracked dozer operations

Trainer Assessor Guide

Instructions to Trainer Assessor

Trainer Qualifications: As the ***trainer*** of this unit of competency, you must, as a minimum, have the following:

- TAE40110 Certificate IV in Training and Assessment, or equivalent
- The unit of competency being assessed, or equivalent;
- Current industry experience and VET knowledge and skills.

Assessor Qualifications: As the ***assessor*** of this unit of competencyt, you must, as a minimum, have the following:

- TAEASS00001 Assessor Skill Set or equivalent (as a minimum);
- The unit of competency being assessed, or equivalent;
- An assessor of this unit must satisfy the Standards for Registered Training Organisations (RTOs) 2015 /AQTF or their successors; and Industry regulations for certification and licensing: and,
- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,
- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	***AQF** Level***	***Required assessor or Industry subject matter expert experience***
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years
Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this unit is being assessed outside of the Resources and Infrastructure Sectors assessor and/or Industry subject matter expert experience should be in-line with industry	

	standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation.

*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for e

Note: Each assessment will result in evidence being generated by the participant towards the completion of the unit of competency: **RIIMPO308F Conduct tracked dozer operations**. The assessments may be altered by you, as the qualified assessor, in order to customise assessments to participants' personal and/or work environment needs.

Reasonable Adjustment: A participant's access to the assessment process should not be adversely affected by restrictions placed on the location or context of assessment beyond the requirements specified in the training package. Reasonable adjustments can be made to ensure equity in assessment for people with special needs. Adjustments include any changes to the assessment process or context that meet the individual needs of the participant, but do not change competency outcomes.

Preparation: Prior to the participant/s commencing an assessment, you must ensure that the participant/s have seen *Progressive Training (WA) Pty Ltd's* Induction PowerPoint slides and the Participant Handbook. You should then explain the requirements for 'Satisfactory' performance and the conditions under which the assessment will take place. Participant/s should be provided with the opportunity to ask questions and/or seek clarification. Both you (the assessor) and the participant must confirm the participant's readiness for an assessment before commencement.

Resource Requirements: Insert any resource requirements here.

During: Questions may be asked of you during the assessment regarding any concerns relating to the assessment process and/or to clarify requirements. You should remain available to support participant/s through the assessment process; however, you are not to provide participant/s with any answers.

Competency: Competency in any unit should be assessed over a period of time, in a range of contexts and on multiple occasions involving a combination of direct, indirect and supplementary forms of evidence. Wherever possible, holistic assessment with other units relevant to the industry sector, workplace and job role/s is recommended. The evidence used to show competency should be gathered in the workplace or, where no workplace is available, through a simulated environment which reflects the work environment (unless stated otherwise in the Unit of Competency).

To gain overall competency in this unit, participants must 'satisfactorily' complete all assessment instruments. After each assessment, you should provide the participant with constructive/effective feedback and discuss reassessment opportunities with them if required. This feedback, along with the assessment result, should be recorded on an 'Assessment Summary' attached to the assessment. You must also complete an 'Assessment Outcome Record' (**TA 3.22**) Form – to be completed once for each part or full qualification.

UOC Assessment Requirements

- this unit must be assessed in the context of this sector's work environment; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of

Competency; and,

- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances

Theory Answer Guide

The following answers have been developed as a guide only. They provide some of the suggested/common answers that participants may provide. As the assessor, you should use your discretion and expertise knowledge when assessing participant work and not assess work strictly from this answer guide.

Question	Answer
1. Plan for tracked dozer operations	
1. Relevant policies and procedures should always be applied when operating machinery. **A** True **B** False	**A**
2. If you were unsure of the procedure for a job what would you need to refer to? **A** Work Instructions **B** Operator Manuals **C** Job or Task Hazard Analysis **D** All of the above	**D**
3. It is important to inspect your work environment and understand your responsibilities before commencing work. **A** True **B** False	**A**
4. Which of the following would be LEAST likely to be discussed at a shift change over? **A** Work hazards **B** Dozer condition **C** Capital work programs **D** Problems encountered by previous shift	**C**
5. Which of the following could be classified as a type of geological data? **A** Floor heights **B** Degree of compaction **C** Finished work tolerances **D** Ramp and floor grades	**B**
6. Which 3 of the following items could be classified as a type of survey data? **1.** Road profile requirements **2.** Rock type and characteristics **3.** Underground workings and voids **4.** Broken ground **5.** Bench heights and widths	**1** **3** **5**
7. Planning your work contributes to a _____environment. **A** Disciplined **B** Safe **C** Helpful **D** Boring **E** Hard	**B**

8. You must consider environmental protection requirements and follow all environmental regulations when conducting dozer operations. **A** True **B** False	**A**
9. It is your duty of care to wear PPE in accordance with site rules and signage. **A** True **B** False	**A**
10. It is *(insert company name)* responsibility to maintain your PPE. **A** True **B** False	**B**
11. Barricading and signage can be moved if it is in the way of any work you are doing. **A** True **B** False	**B**
12. Communicating effectively is an important skill to have at any work place. **A** True **B** False	**A**
13. Who is responsible for identifying hazards/risks on the work site? **A** Company managers **C** You **B** Your supervisor **D** Everybody	**D**
14. Hazards should be identified: **A** Before commencing a work task **C** While work is being carried out **B** Through site inspections **D** All of the above	**D**
15. Which of the following is a potential hazard or risk when conducting tracked dozer operations? **A** Damaged pressurise hoses **C** Adverse weather conditions **B** Operator fatigue **D** All of the above	**D**
16. If you hear an emergency call over the two-way in your work area, you are to travel to the nearest level area and park up; and wait until a designated person has declared the area safe. **A** True **B** False	**A**

2. Operate the tracked dozer	
17. A pre-start check must be conducted: **A** If any repair or service work has been performed **B** At each shift change **C** At each shift change or after repair/service work has been performed **D** Once a week	**C**
18. The purpose of a pre-start check/inspection is to ensure that all equipment is in a safe and operable condition. **A** True **B** False	**A**
19. What must you attach to isolate the dozer when performing a pre-start check? **A** A testing and adjusting tag **B** A personal danger tag **C** A personal danger tag and lock **D** A lock	**C**
20. The dozer must be parked in a safe position, with the park brake applied and the operator in the cab with the door closed before any person may climb onto the dozer. **A** True **B** False	**B**
21. When mounting/dismounting a dozer you must: **A** Face away from the machine and maintain three points of contact **B** Maintain three points of contact **C** Face the machine and maintain three points of contact **D** Face the machine	**C**
22. When mounting/dismounting ensure that you carry in your hands all the tools, supplies, etc you will require for your shift. **A** True **B** False	**B**
23. The required horn signals for starting and commencing to move the dozer are: **A** 1 to move forward, 2 to reverse, 3 to start **B** 1 to start, 2 to move forward, 3 to reverse **C** 1 to reverse, 2 to start, 3 to move forward **D** 1 to start, 2 to reverse, 3 to move forward	**B**
24. The *vehicle management system* carries out the following functions: **A** Monitors machine systems and advises immediate or impending abnormal conditions **B** Alerts the operator **C** Stores and analyses data from machine sensors **D** All of the above	**D**

25. What is the emergency radio channel? *Insert company channel. eg* **A** 1 **C** 3 **B** 2 **D** 4	**D**
26. What is the correct radio procedure for an emergency call? *Insert company emergency procedure.* **A** Emergency. State type of emergency. State location **B** Emergency; Emergency. Identify equipment No. State location **C** Emergency; Emergency; Emergency. Identify equipment No. State type of emergency. State location. **D** Emergency; Emergency. Identify equipment No. State type of emergency	**C**
27. You have noticed smoke coming from the engine compartment. Place the following steps in the correct procedure order. **A** Transmission in neutral and set the park brake **B** Manually activate the fire suppression system **C** Park dozer safely and lower GET to ground **D** Evacuate the machine **E** Place an emergency call over the two-way radio **F** Shut down the engine	**C / A / F / B / E / D**
28. Place the following in order to identify the correct procedure if your machine breaks down in the mining area. **A** Turn on hazard lights **B** Notify Supervisor and others in immediate area **C** Shut down the engine if necessary **D** If safe, stay in cab and wait for assistance **E** Park up and ground GET **F** Transmission in neutral and apply park brake	**E / F / C / A / B / D**
29. Before attempting to start the engine you should make sure that the transmission is in neutral and controls in HOLD. **A** True **B** False	**A**
30. If the engine will not start, how long must you wait before attempting a restart? *Insert specific dozer requirement – eg* **A** 1 minute **C** 3 minutes **B** 2 minutes **D** 4 minutes	**B**

31. What action do you take if any warning lights continue to show after 10 seconds of starting? **A** Rev the engine to get them to go out **B** Keep the engine idling and report any faults **C** Shut the engine down and report any faults **D** Shut the engine down and then restart after 5 mins	**C**
32. When are you required to check the fire suppression system? **A** Only after the dozer has returned from maintenance **B** Once a week **C** As part of the dozer's periodical service **D** During every pre-start check	**D**
33. What must be provided or performed if a dozer has to be parked on or protrudes into an access way/road? **A** A verbal warning over the two-way **B** A danger tag **C** A written warning on the notice board **D** Barricades, lights, signs, general radio	**D**
34. When shutting down the engine, never allow it to idle down for a few minutes but shut off as soon as parked up. **A** True **B** False	**B**
35. When parking up, allow adequate room around the dozer for service trucks and other equipment. **A** True **B** False	**A**
36. For travelling, the blade should be raised enough to clear the ground but not too high as to obscure operator vision. **A** True **B** False	**A**
37. If the machine suffers a failure and needs to be parked up in an operational area then _____must be placed around the machine. **A** A windrow barrier **B** Cones **C** Flashing lights **D** All of the above	**D**
38. When equipment is being connected to the dozer, the dozer must be in neutral, park brake on and blade/ripper grounded. **A** True **B** False	**A**
39. When towing equipment it is okay for the chains to be twisted. **A** True **B** False	**B**
40. The safest travel direction on a slope is at a 45 degrees angle across the slope. **A** True **B** False	**B**

41. What gear should be used when dozing bulky material? **A** 1st **C** 3rd **B** 2nd **D** 4th	**A**
42. What action would you take if the dozer started to slide sideways on a slope? **A** drop the blade **C** change to a lower gear **B** turn the dozer down the slope and drop the blade **D** turn the dozer up the slope and drop the blade	**D**
43. When pushing a load it is better to use the blade tilt to steer the dozer. **A** True **B** False	**A**

3. Carry out operator maintenance and housekeeping activities	
44. Which of these defects would you NOT look for when conducting a routine check on the hydraulic system of the dozer? **A** Oil leaks **C** Sufficient battery charge **B** Split, cracked or bulging hoses **D** Loose connections	**C**
45. Bubbles or milky engine oil in the sump indicates a problem with water leaking into the sump. **A** True **B** False	**A**
46. The transmission oil should be checked as part of your pre-start checks. **A** True **B** False	**A**
47. Which of the following is not something you would check on the dozer's fire extinguishers? **A** Fully charged **C** Secure and in good condition **B** Bright colour for night time visibility **D** Safety pin in place	**B**
48. If you notice _____on the ground under the dozer, then this indicates a potential environmental issue arising from the use of the machine. **A** Dust **C** Water **B** Mud **D** Fluids	**D**
49. The *company recording system* is an operator inputted computer based recording system that tracks the operations of a dozer throughout the shift. **A** True **B** False	**A**

50. The dozer operator must remain in the footprint of the machine while it is being refuelled / serviced. **A** True **B** False	**B**
51. The dozer can be safely refuelled while the engine is running. **A** True **B** False	**B**
52. After refuelling you must enter the engine hours and fuel litres into the *company recording system*. **A** True **B** False	**A**
53. Which of the following cleaning methods should NOT be used for cleaning the dozer and/or attachments? **A** Steam cleaning **C** Compressed air **B** Washing with water **D** Vacuuming	**C**
54. The dozer operator should remain in the machine and the engine kept running while the machine is being washed down. **A** True **B** False	**B**
55. After completion of your shift you should: **A** Have a shower **C** Arrange transportation to the surface **B** Tell your supervisor of how your job was carried out **D** Record all the work done on your daily time sheet	**D**
56. The best way to deal with operator fatigue is to complete the work as planned and have a longer rest period **A** True **B** False	**B**