

# Overview of EICA's Digger Derrick practical skills test



The Digger Derrick

(DD)

practical skills test

has 10 parts;

- 1-Inspection items (19)
- 2-Set up & level machine
- 3-Practice time of 15 minutes
- 4-Hand signals
- 5-Chain in barrel

6-Touch & Go (load drum through course)

7-Auger unstow and stow

8-Pole raise

9-Pole butt in drum

10-Shutdown and secure



# 1-Inspection items (19)



The examiner will ask the candidate (one at a time) to explain the “how and why” of 19 listed inspection items. The candidate only has to verbally explain the items to the examiner. The actual inspection of the unit has already been done prior to the candidate’s testing session.



# 2-Set up & level machine



The candidate will then start the digger derrick, properly set the outriggers and level the machine.

## 3-Practice time of 15 minutes



Each candidate will be given up to 15 minutes of familiarization time to operate the DD to obtain the “feel” of it’s operation (with or without a load-candidate’s choice). The candidate CANNOT shadow (dry-run) the course. If the candidate is ready in less than 15 minutes, the exam can continue early.



# 4-Hand signals



The examiner will give the candidate 7 standard hand signals, one at a time, which the candidate will perform with the DD.



# 5-Chain in barrel



This task is to maneuver the short chain into the open-top barrel, down until the black tape has broken the plane of the top of the barrel. No parts can touch the top or outside the barrel.

# 6-Touch and Go



Raise and maneuver the load drum so that the line hose touches the red crossbar area of each goalpost. The route and order through the four goalposts is very specific. The line hose under the load drum is then positioned back into the open top barrel where the task began.



# 6-Touch and Go (con't)





# 7-Auger unstow and stow



Candidate will unstow the auger, configure the boom so a plumb/straight hole could be dug. Then the auger will be wound up and re-stowed.



# 8-Pole raise



This task is to raise the pole from horizontal (starting on the ground) to near vertical, all the while keeping the pole butt inside the 6 ft. circle. Task is complete when the butt just comes up clear of the ground.



# 9-Pole butt in drum



After the examiner helps to position the upright pole into the DD pole claws, the task will be to maneuver the pole so the butt is inside the open top drum about 12”.



# 10-Shutdown and secure



The candidate will stow the boom, raise the outriggers and return the DD to “road ready” condition. The DD is then secured.