Contents

WORKSHEET 1 AT THE BOAT RAMP

Launching

Q1. Explain the following terms:

Hazard

Risk

Safety precautions *(Control measures)*

Q2. Identify any three hazards that could be found on the boat ramp in the photograph above.

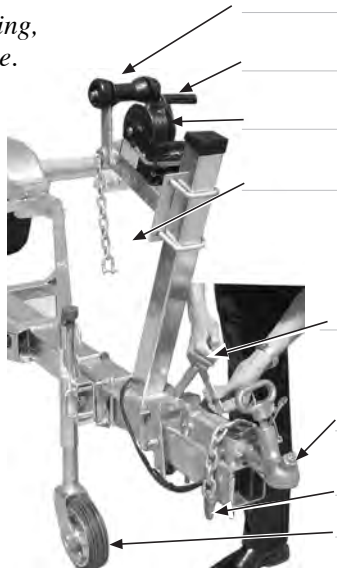
Q3. Describe any five safety control measures you could use to reduce risks while using the boat ramp shown above.

Q4 Justify four winch safety tips.

Q5. Explain how to protect an outboard motor while towing on a trailer behind a car.

Q6. Identify the following safety features on the trailer using the list of terms below.

Roller, manual winch, winch strap, safety chain, coupling, brake handle, jockey wheel, safety chain to towing vehicle.



Q7. Suggest a care and maintenance procedure for the following parts of a trailer.

Winch

Lights

Bearings

Jockey wheel

WORKSHEET 2 BOAT PARTS AND HULL COMPLIANCE

Q1. Label the following parts of a boat on the diagram opposite.

Bow, stern, port side, all-round light, stem, transom, deck, gunwale, cockpit. Mark in the port side and the starboard side to show you know the difference.

Q2. Explain the terms freeboard and gunnel.

Q3. Explain why the motor power and weight on as vessel should never exceed the manufacturers design.

Q4. Account for the need for sufficient freeboard on a vessel.

Q5. Explain how engine power contributes to the difference between planing and displacement hulls.

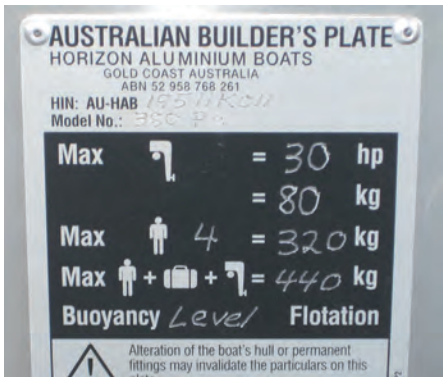
Q6. Compare the terms basic and level flotation as they apply to boat safety.

Q7. Identify which of the boats on page 7 you would take over a bar in a 1 metre sea.

Q8. Interpret the builders plate shown in the figure opposite in terms of a fishing party that had an esky of ice and drinks for a group who wanted to go fishing for the day in sheltered waters.

a. Identify the max hp motor that can be attached to the transom.

b. Determine the number of adults and children the boat can carry.



Q9. Account for changes in loading for a boat with a capacity label as shown opposite.