

National Powerboating

Student logbook 2006.1

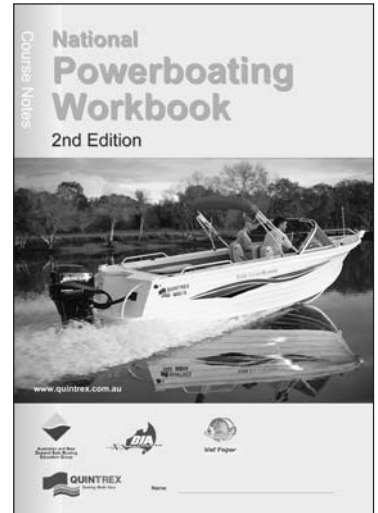
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MEM 50.08EA: Carry out trip preparation and planning

MEM 50.9AA Safely operate a mechanically powered recreational craft

MEM 50.10EA Respond to boating emergencies and incidents

To be used in conjunction with - National Powerboating Workbook by Rogers and Moffatt 2nd edition 2006, www.wetpaper.com.au



Student name _____

Date of birth _____

Organisation (if applicable) _____

Phone No _____

Address _____

Post Code _____

Student verification

I certify that the work in this record book is my own and that I have corrected the mistakes I have made, understand the answers to the questions as indicated and noted the errata on the back page of this logbook.

.....
Student signature

.....
Date

Assessor verification (to be retained by the school)

Name _____ Provider Number _____ Test date _____

Area of operation for assessment _____ Smooth [] P-Smooth [] Open []

Beacons present Yes [] No [] Vessel used _____

I certify that I have examined the student's Powerboating workbook V 2006.1 and that the tasks identified in this record book have been completed and the student is competent to drive a speed boat.

.....
Assessor's signature Date

Notes

Overall result:
Assessor to complete

Codes:
Competent [J]
Not yet competent [M]



Archive details:
These records are to be kept for 30 years. Date set for destruction: _____

MEM 50.09AA: Safely operate a mechanically powered recreational craft

Description

This unit covers the competencies to safely handle/operate a powered recreational boat on coastal and inland waters

Resources

National Powerboating Workbook by Rogers and Moffatt 2nd edition 2006: Chapter 3.

Outcomes and performance criteria	Skill/s	Page references	Powerboating workbook activities	Completed correctly (✓)
Outcome 1: Manoeuvre and handle a powerboat in a safe manner according to conditions, legislation, regulations and rules				
1.1: Undertake a pre-start check.	5	55 - 57	<ul style="list-style-type: none"> • Answer Questions 1-4, page 55. • Answer Questions 1-2, page 57. 	
1.2: Prepare and start your motor	20 -21	57 - 58	<ul style="list-style-type: none"> • Answer Questions 1-2, page 57. 	
1.3: Manoeuvre your boat safely according to prevailing conditions and in accordance with water traffic regulations including leaving and returning to shore	21 -24	58 - 60	<ul style="list-style-type: none"> • Answer Questions 1-3, page 59. 	
1.4: Monitor the performance of the boat and crew at all times including engine, electrical and mechanical equipment	22 - 33	58 - 67	<ul style="list-style-type: none"> • Review faults that detract from performance pages 58 - 67 	
1.5: Consider the impact of the boat on others and the environment	5	55 - 57	<ul style="list-style-type: none"> • Review Worksheet 4, page 23 • Review answers to Questions, page 21 	
1.6: Stow and use safety equipment in accordance with rules and regulations	7	27 - 34	<ul style="list-style-type: none"> • Review Worksheet 6, page 32 	
Outcome 2: Navigate a powerboat safely in accordance with relevant legislation, recognised regulations and rules				
2.1: Identify aids to small craft navigation including IALA Buoyage system "A"	13	44 - 46	<ul style="list-style-type: none"> • Complete Worksheet 9, page 50. 	
2.2: Apply collision avoidance techniques when required in accordance with relevant legislation, recognised rules and regulations	13, 14	44 - 46	<ul style="list-style-type: none"> • Answer questions 1 - 4, page 46 • Answer questions 1 - 3, page 48 and 4 - 13, page 51 	
2.3: Carry out operation of the boat in accordance with relevant legislation, recognised rules and regulations	13 - 17	44 - 54	<ul style="list-style-type: none"> • Complete Worksheet 9, page 50. 	
2.4: Use navigational aids and landmarks to determine and monitor boat position	8	34 - 37	<ul style="list-style-type: none"> • Answer Questions 1 - 12, page 35 	
2.5: Take into account hazards and conditions in navigating the boat	8,32,34	34, 66, 68	<ul style="list-style-type: none"> • Answer Questions 1 - 2, page 36 and Questions 1 - 3 , page 68 • Complete Worksheet 8 page 38. 	
Outcome 3: Anchor a powerboat in accordance with prevailing and forecast conditions and in accordance with legislation				
3.1: Select an anchorage site in accordance with prevailing and forecast conditions and in accordance with relevant legislation, regulations and rules	35	70 - 71	<ul style="list-style-type: none"> • Answer Questions 1 - 4, page 71 • Review page 27 	
3.2: Use the type of anchor most suitable for the location				
3.3: Lower, set and monitor the anchor according to prevailing conditions				
3.4: Retrieve and securely stow anchor				

Student's checklist

Use the checklists below to help tick the 'completed correctly' section for the units in this logbook.

- | | |
|--|---|
| <input type="checkbox"/> Page 4 Questions 1 - 3 | <input type="checkbox"/> Page 50 Worksheet Q's |
| <input type="checkbox"/> Page 6 Questions 1 - 2 | <input type="checkbox"/> Page 51 Questions 4 - 13 |
| <input type="checkbox"/> Page 12 Worksheet 1 Q's 1-3 | <input type="checkbox"/> Page 54 Questions 1 - 7 |
| <input type="checkbox"/> Page 13 Worksheet 1 Q's 4 - 6 | <input type="checkbox"/> Page 55 Questions 1 - 4 |
| <input type="checkbox"/> Page 14 Questions 1 - 6 | <input type="checkbox"/> Page 57 Questions 1 - 2 |
| <input type="checkbox"/> Page 16 Worksheet 2 Q's 1 -3 | <input type="checkbox"/> Page 59 Questions 1 - 3 |
| <input type="checkbox"/> Page 18 Worksheet 3 Q's 1 -2 | <input type="checkbox"/> Page 68 Questions 1 - 3 |
| <input type="checkbox"/> Page 21 Questions 1 - 10 | <input type="checkbox"/> Page 71 Questions 1 - 4 |
| <input type="checkbox"/> Page 23 Worksheet 4 Q's 1 - 2 | <input type="checkbox"/> Page 72 Questions 1 - 4 |
| <input type="checkbox"/> Page 25 Worksheet 5 Q's 1 - 2 | <input type="checkbox"/> Page 74 Questions 1 - 5 |
| <input type="checkbox"/> Page 26 Questions 1 - 5 | <input type="checkbox"/> Page 76 Questions 1 - 3 |
| <input type="checkbox"/> Page 32 Worksheet 6 Q's 1 - 6 | <input type="checkbox"/> Page 78 Questions 1 - 3 |
| <input type="checkbox"/> Page 33 Worksheet 7 Q's 1 - 3 | <input type="checkbox"/> Page 79 Questions 1 - 4 |
| <input type="checkbox"/> Page 35 Questions 1 - 12 | <input type="checkbox"/> Page 80 Questions 1 - 5 |
| <input type="checkbox"/> Page 36 Questions 1 - 2 | <input type="checkbox"/> Page 82 Questions 1 - 4 |
| <input type="checkbox"/> Page 38 Worksheet 1- 6 | <input type="checkbox"/> Page 83 Questions 1 - 2 |
| <input type="checkbox"/> Page 41 Questions 1 - 4 | <input type="checkbox"/> Page 84 Questions 1 - 6 |
| <input type="checkbox"/> Page 46 Questions 1 - 4 | <input type="checkbox"/> Page 85 Worksheet 10 Q's 1 - 2 |
| <input type="checkbox"/> Page 48 Questions 1 - 3 | <input type="checkbox"/> Page 86 Worksheet 11 Q's 1 - 2 |

MEM 50.10EA Respond to boating emergencies and incidents

Description

This unit covers the competencies to deal with boating emergencies and incidents including the use of safety equipment and the provision of assistance to others in distress.

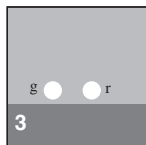
Resources

National Powerboating Workbook by Rogers and Moffatt 2nd edition 2006: Chapter 4.

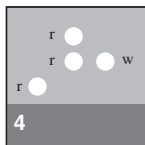
Outcomes and performance criteria	Skill/s	Page references	Powerboating workbook activities	Completed correctly (v)
Outcome 1: Use safety designed for emergency situations				
1.1: Check the nature, type, location, accessibility and serviceability of safety equipment is known and understood by all persons on board	7, 18	27 - 32, 35	<ul style="list-style-type: none"> Answer Questions 1-2, page 32. Review page 35 	
1.2: Conduct a briefing of crew before departure	18	55	<ul style="list-style-type: none"> Review page 35 	
1.3: Use safety equipment in a manner appropriate to the emergency or situation	7, 39, 44	27, 76, 82	<ul style="list-style-type: none"> Review page 85. Answer Questions 1 - 3, page 76 	
1.4: Use safety equipment in a manner for which it was designed	7, 39, 44	27, 76, 82	<ul style="list-style-type: none"> Review pages 27, 76, 82 and 85. 	
Outcome 2: Raise alarms when an emergency situation presents itself				
2.1: Identify the nature of the emergency	38 - 47	75 - 84	<ul style="list-style-type: none"> Answer Questions 1-2, page 85. 	
2.2: Communicate the alarm to the crew	47	84	<ul style="list-style-type: none"> Review page 84. 	
2.3: Use recognised distress signals to indicate need for assistance	45	83	<ul style="list-style-type: none"> Answer Questions 1-2, page 83. 	
2.4: Report incident, at appropriate time, where required by regulations	5	21	<ul style="list-style-type: none"> Review page 21. complete Worksheet 11, page 86 	
Outcome 3: Use appropriate procedures to deal with on-board emergency for safety of the boat and crew				
3.1: Inform crew of actions required to deal with the emergency	38 - 47	75 - 84	<ul style="list-style-type: none"> Answer Question 5, page 84, Question 2e, page 85 	
3.2: Implement procedures to combat emergency and protect persons on board	38 - 47	75 - 84	<ul style="list-style-type: none"> Answer Question 4, page 84, Question 2f, page 85 	
3.3: Identify, record and communicate position and details of emergency	38 - 47	75 - 84	<ul style="list-style-type: none"> Answer Questions 1 - 4, page 84, Question 6 	
3.4: Provide the injured person with assistance	38 - 47	75 - 84	<ul style="list-style-type: none"> Answer Questions 2b - d , page 85 	
3.5: Maintain communication with rescuers	38 - 47	75 - 84	<ul style="list-style-type: none"> Review answers to Questions 1 - 4, page 80. 	
3.6: Undertake preparation for abandoning a boat, if required	47	84	<ul style="list-style-type: none"> Review Skill 47 	
3.7: Communicate cessation of emergency to appropriate personnel	38 - 47	75 - 84	<ul style="list-style-type: none"> Answer Question 5, page 80, Question 3, page 85 	
Outcome 4: Assist others in distress				
4.1: Recognise distress signals from others	38 - 47	75 - 84	<ul style="list-style-type: none"> Answer Question 2, page 83 Answer Questions 1 - 5, page 80 Answer Questions 2a, e and f, page 85 	
4.2: Identify the nature of assistance required				
4.3: Determine capability to assist and relay information				
4.4: Prepare for and implement an appropriate response to an emergency				
4.5: Communicate the cessation of the emergency incident to the appropriate personnel				

Errata Powerboating workbook Version 2006.1

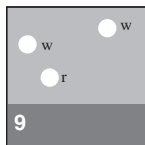
- Question 4 page 46. You cannot describe a position by latitude alone, so add the longitude of 153°06'E
- Question 13.3 page 51 Swap the red and green lights as shown below.
- Question 13.4 page 51 Add a white light as shown below.
- Question 13.9 page 51 The left hand white light should be lower than the right hand white light as shown below.



Q 13.3



Q 13.4



Q 13.9

- In the competency test, Question 32, page 89, alternative (c) should read the soundings range from 1 - 29 metres, not 12 - 25 metres.

Notes
