

Inflatable Rescue Boat Driver Certificate

#E/IRB/IRBC/1210

- 1 Aim
To assess and certify the candidate in IRB operation, maintenance, repair, self-rescue in IRB rollover, rescue in swift current sea condition and physical fitness to be a competence IRB lifeguard.
- 2 Reward
A certificate
- 3 Pre-requisite (mandatory to hold all followings)
 - 3.1 Be a member of a current affiliated club of HKLSS;
 - 3.2 Be a minimum of 18 years of age at the date of the assessment;
 - 3.3 Hold a valid HKLSS IRB Rescue Award or equivalent;
 - 3.4 Hold a valid HKLSS Open Water Lifeguard Award or equivalent;
 - 3.5 Hold a valid HKLSS Skin Diving Award or equivalent;
 - 3.6 Hold a valid HKSAR Government Pleasure Vessel Operator Certificate of Competency or equivalent;
 - 3.7 Complete a HKLSS recognized IRB Driver Certificate Training or equivalent;
 - 3.8 Produce a log of practical experience at the candidate's HKLSS personal log book to show a minimum of 2 times and 10 hours relevant IRB services.
- 4 Examiner
One HKLSS Grade 3 or above IRB Examiner or IRB Assessor.
- 5 Equipment
HKLSS recognized IRB.
- 6 Examination Procedures
 - 6.1 Part A (Written Test or Land Test)
This part consists of multiple choice questions including the contents of IRB operation, maintenance, repairing, rescue skills and navigation knowledge. (1 mark for each correct answer, total 40 questions, passing mark is 30, time limit 40 minutes), includes:
 - 6.1.1 Demonstrate knowledge of all hand, flag and whistle signals and flares and their uses;
 - 6.1.2 Demonstrate knowledge of the IRB, its construction, equipment and maintenance needs;
 - 6.1.3 Demonstrate knowledge of the crew responsibilities in the pre operation checks and all safety aspects to be observed in the operation of the IRB;
 - 6.1.4 Demonstrate the following knots: Coil a rope, Bowline, Clove hitch and Sheet bend;
 - 6.1.5 Demonstrate a knowledge of the safety requirements when operating an IRB;
 - 6.1.6 Demonstrate dry land simulated crewing.

- 6.2 Part B (Physical Fitness Test)
Run-Swim-Run at a beach within 8 minutes
- 6.2.1 Run 150m;
 - 6.2.2 Enter water by wading and porpoising;
 - 6.2.3 Swim 75m to a buoy and return;
 - 6.2.4 Run 150m.
- 6.3 Part C (Practical Test)
- 6.3.1 IRB Operation
 - 6.3.1.1 Demonstrate competence in all aspects of the driver's and crewman's responsibilities in the launching, maneuvering and recovery of the IRB;
 - 6.3.1.2 Demonstrate competence in starting the engine, running the engine, stopping the engine and diagnosing starting difficulties;
 - 6.3.1.3 Engine Ignition and aboard with the entry method assigned by the Examiner;
 - 6.3.1.4 Run an IRB straight forward with high speed;
 - 6.3.1.5 Stop an IRB sharp at the point assigned by the Examiner;
 - 6.3.1.6 Maneuver an IRB in a figure-of-eight with three cycles;
 - 6.3.1.7 Demonstrate the accurate laying, adjustment and recovery of buoys and anchors;
 - 6.3.2 IRB Rescue
(Candidate is required to demonstrate both driver's and crew's roles)
 - 6.3.2.1 Demonstrate the driver's and crew's role whilst performing the following rescues, during which the crew must demonstrate an ability to recover a victim, weighing approximately 70kg into the IRB from the water;
 - 6.3.2.2 Engine Ignition and aboard with the entry method assigned by the Examiner;
 - 6.3.2.3 Rescue a conscious, an unconscious, injured and 2 conscious victims with an IRB at 50m away from shore, in swift current and deep water condition;
 - 6.3.2.4 Lift the victim from the water into the IRB;
 - 6.3.2.5 Demonstrate care of the victim in the IRB and effective CPR, where the IRB design permits, inside the IRB while stationary, where the IRB design permits, inside the IRB while stationary;
 - 6.3.2.6 Demonstrate the driver's and crew's role in victim transportation from the IRB to shore and safety.
 - 6.3.3 IRB Emergency
Demonstrate the ability to cope with the following emergency situations.
 - 6.3.3.1 Driver overboard;
 - 6.3.3.2 Engine failure in operational conditions;
 - 6.3.3.3 Simulated puncture of IRB;

- 6.3.3.4 Rollover procedure for IRB; simulated rollover to be carried out without engine attached to IRB.
- 6.3.4 IRB Maintenance
 - 6.3.4.1 Demonstrate knowledge of the driver's and crew's responsibilities towards cleaning and stowage of the IRB and engine after use;
 - 6.3.4.2 Demonstrate knowledge of the driver's and crew's responsibilities towards the routine maintenance of the engine including carburettor, igniter, air inlet, fuel injection.

☞ End ☞