



ADVANCED GLASS REINFORCED PLASTIC

Reference No
048/359

Duration
2 weeks

Location
HMS SULTAN,
Gosport,
Hampshire

IELTS
5.5

Frequency
3 courses
per year

Aim of course

Designed to provide senior rating marine engineering students with an insight into construction of GRP vessels, including horizontal and vertical lay-ups using woven roving. The student will gain the ability to repair up to 1m². Students will also gain an insight into fundamental surveying techniques.

Outline syllabus

The course was designed and introduced in the RN as a result of the increasing use of glass reinforced plastic ships. The course utilises up-to-date specialist equipment in a fully ventilated workshop.

- ◆ Health and Safety
- ◆ Lay-up of horizontal and vertical flat panels
- ◆ Basic survey techniques
- ◆ Introduction to Epoxy resin and Epoxy resin repair
- ◆ Hands on repairs
- ◆ Theory of Damage repair methods
- ◆ Emergency pipe repair. Use of repair pack
- ◆ Large 25mm lay-up using polyester resins and woven roving
- ◆ Minor boat repairs
- ◆ Practical tests



International Defence Training (Royal Navy)

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