

# Helston Forensics

F o r e n s i c   B a l l i s t i c   L a b o r a t o r i e s



**Our ref: 12079/NF/N**

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## **SMALL ARMS FAMILIARISATION TRAINING COURSE (3 DAY)**

### **OVERVIEW**

**This 3-day course is designed to review existing knowledge for the student to operate with small arms and ammunition in the course of their occupation. It identifies the workings of firearms and how to operate them safely.**

### **AIM / OUTCOMES:**

- **To enable the student to understand the need for safety in all aspects of handling, loading and firing small arms**
- **To demonstrate how to inspect firearms and ammunition**

### **FACILITIES**

**Helston Forensics has a working laboratory and forensic ballistics range. The armoury holds more than 20,000 small arms of all types including the full range of civilian weapons, airguns, shotguns, rifles, military weapons, hand-guns, SMGs, LMGs and HMGs. It also houses a range of larger weapons including rocket launchers, mortars, recoilless rifles, cannon, artillery pieces and tank guns.**

**The forensic range is used for forensic testing of small arms, with a range of pressure guns, and barrels for soft and hard armour testing. The site offers a comprehensive loading facility for the loading of speciality ammunition.**

**Lectures are delivered by trained armourers who are occupationally competent and current with all small arms types.**

**The ammunition store holds a comprehensive range of all types of ammunition and components including a range of prohibited ammunition and projectiles for speciality testing (terminal ballistics).**

**The course covers the following subjects:**

1. Health & Safety
2. Armourer's responsibility
3. Firearms Law (Firearms Acts)
4. Gun Barrel Proof Law (UK. Acts & Rules)
5. Gun Barrel Proof Regulations C.I.P.
6. Weapons systems (methods of operation)
7. Weapons systems (components/mechanisms)
8. Safety systems (mechanical)
9. Safety systems (applied)
10. Safety (weapon handling)
11. Field strip, small arms
12. Inspection & gauging (SAAMI / CIP)
13. Methods of cleaning
14. Testing (firearms)
15. Sighting systems
16. Internal ballistics
17. External ballistics (accuracy)
18. Ammo storage/inspection
19. Ammunition types
20. Ammunition manufacture
21. Remote firing techniques
22. Range use (safety planning)

**Notes:**

1. This is a CPD-related course. This course can contribute to your Continuing Professional Development (CPD) and will be evidenced through a multiple-choice summative assessment and the award of a Course Completion Certificate.
2. The course includes hand-outs, practical sessions, and discussion periods.
3. The course duration is 0900 – 1730 (0900 – 1430 on the last day).
4. All safety equipment required will be supplied.
5. Refreshments and lunch on each day will be provided.
6. Assistance with hotel bookings will be available from our office staff.
7. There will be a maximum of 8 students per course.
8. The course is available to serving Police, military personnel and civilian personnel who are employed by companies with the authority to handle Section 5 weaponry only.