3 DAY ADVANCED AMMUNITION

Helston Forensics
FORENSIC BALLISTIC LABORATORIES

Introduction

This course is designed to cover a wide range of topics associated with ammunition for small arms.

It will be of particular interest to forensic science providers.

Agenda

- Health and safety
- Forensic examination
- Report writing (ammunition)
- Forensic markings
- Headstamps
- Loading equipment
- Loading ammunition
- Primer testing
- Disassembling ammunition
- Forensic strategy
- Unloading muzzle loaders
- Cartridge case profiles
- Bullet types
- CIP and Proof pressures
- Bullet casting
- Powder types
- Airgun ammunition
- Test firing

Prerequisite

The student will be expected to have basic knowledge of safe firearms handling.

Notes

1. Any live firing will be conducted remotely or by Helston Forensics staff.
2. Safety equipment will be supplied.
3. The course duration will be 09:00-17:30. Finishing at 15:30 on the third day.
4. Refreshments and lunch to be provided.
5. Assistance with hotel bookings will be available from our office staff.
6. This is a CPD-related course. This can contribute to your Continuing Professional Development (CPD) and will be evidenced through multiple-choice summative assessment and the award of a course completion certificate.

Shotgun cartridges of all gauges are available for study

Blank cartridges of all types and calibres are held in stock

Projectiles for ammunition, including tracer, incendiary, armour piercing and other unusual and rare designs are held as reference samples

Pinfire, rimfire and centrefire ammunition of all types and calibres are kept for comparison and evaluation
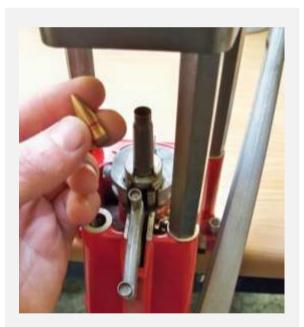
Using the wrong propellant can have a catastrophic result

Different types of primers are discussed and examined

The very latest in Sabot armour piercing projectiles

Loading a 7.62 x 39 round for the AK47 before firing in the lab ballistic range

Contact details

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