

FIREARM
AND
TOOL MARK
SECTION

TECHNICAL

PROCEDURES

MANUAL

Table of Contents

1.0	Functions of Firearm and Tool Mark Section	1 - 1
2.0	Evidence Handling Procedures	2 – 1
3.0	Firearm and Tool Mark Section Evidence Numbering System	3 – 1
4.0	Fired Bullet/Projectile Examination Protocol	4 - 1
5.0	Fired Cartridge Case/Shotgun Shell Examination Protocol	5 – 1
6.0	Cartridge /Shotgun Shell Examination Protocol	6 – 1
7.0	Firearm Examination Protocol	7 – 1
8.0	Firearm Test Firing Protocol	8 – 1
9.0	Comparison Microscope Examination Protocol	9 – 1
10.0	Possible Conclusions for Microscopic Comparison of Fired Ammunition	10 – 1
11.0	Using the General Rifling Characteristics of Bullets Submitted Without a Suspect Firearm to Provide a List of Firearms	11 – 1
12.0	Tool Mark Examination Protocol	12 – 1
13.0	Possible Conclusions for Microscopic Comparison of Tool Marks	13 – 1
14.0	Serial Number Restoration Protocol	14 – 1
15.0	Gunpowder, Gunshot Residue and/or Shotgun Pellet Pattern Examination Protocol	15 – 1
16.0	Reporting Results and Compilation of Case Notes	16 – 1
17.0	Firearms Section Quality Control Protocol	17 – 1
18.0	Integrated Ballistics Identification System (IBIS)	18 - 1