Technical Scope for Collision Investigation Accreditation

(Text in blue is not included in the Pilot Assessment Programme)

Field of Inspection	Type and Range of Inspection	Methods and Procedures
Assessment, Search, Identification, Recovery, Recording, Selecting, Examination and Interpretation of vehicles, objects and pedestrains associated with collisions for Forensic Purposes	***Inspection of scene in order to reconstruct the collision and establish vehicle's, object's and pedestrian's speed and movement using some or all of the following processes***	Documented In-House Method and associated policies and procedures :
	- Identifying, preserving and taking measurements of : • Tyre Marks • Scratches • Gouges • Fluid trails • Other marks • Topography • Road Furniture	Documented In-House Method and associated policies and procedures using - Visual inspection - Marking equipment (named) - Measuring Devices (named) - Photography/Video
	- Determination of coefficient of friction at the tyre/road interface by • Deceleration testing • Scientific literature	Documented In-House Method and associated policies and procedures using - Accelerometers - Skidding to stop from known speed - Load cell
	- Calculation of impact speed from rest position of vehicles, objects and persons	Documented In-House Method and associated policies and procedures using - Visual inspection - Forensic Software (named) - 3rd party information (published research testing, data gathered, witness evidence) - Calculation and application of scientific/mathematical principles
	- Inspection of CCTV and Dash Cam footage to determine: • Measurements • Calculation of speed from footage	Documented In-House Method and associated policies and procedures using - Visual inspection - Timing board - Measuring devices (named) - Software (named) - Calibration equipment (named)

Field of Inspection	Type and Range of Inspection	Methods and Procedures
	- Inspection of damage profile/crush damage	Documented In-House Method and associated policies and procedures using - Visual Inspection - Measuring devices - Photographs - Software (named)
	- Inspection of vehicle borne data systems to establish vehicle movements pre and post incident: • IDR • Tachograph • ECU • Airbag • Infotainment	Documented In-House Method and associated policies and procedures using • Data extraction software (named) • Photography and video recording
Assessment, Search, Identification, Recovery, Recording, Selecting, Examination and Interpretation of vehicles, objects and pedestrains associated with collisions for Forensic Purposes	***Inspection of scene and vehicles, objects and pedestrians to establish external factors (deleted as relevant : Environmental, Human, Mechanical) for the collision using some or all of the following processes:***	Documented In-House Method and associated policies and procedures:
	- Determination of coefficient of friction at the tyre/road • Deceleration testing • Scientific literature	Documented In-House Method and associated policies and procedures using - Accelerometers - Skidding to stop from known speed - Load cell
	- Determination of environmental factors which may have influence on collision: • Road topography	Documented In-House Method and associated policies and procedures using - Visual inspection - Environmental monitoring devices (name) - Scientific data - Software (name)
	- Inspection of vehicles and associated components to establish road worthiness of the vehicles, any defects and if they caused or contributed to the incident	Documented In-House Method and associated policies and procedures using - Visual inspection - Workshop tools (named) - Measuring and metering devices (name) - Photographs/video

Field of Inspection	Type and Range of Inspection	Methods and Procedures
	- Inspection of vehicle borne data systems to establish vehicle movements pre and post incident: • IDR • Tachograph • ECU • Airbag • Infotainment	Documented In-House Method and associated policies and procedures using • Data extraction software (named) • Photography and video recording