

## WELCOME TO THE RESCUE CREW CHIEF COMPETENCY FRAMEWORK

The Competency Framework in this document are valid for Rescue Crew Chiefs and will be marked as completed during an Upgrade Assessment and/or at the re-assessment every 36 months.

This document will help Rescue Crew Chiefs at preparing each section according to the level required in the Framework.

The level required follows the below criteria:

- **Blank**: No Requirement;
- **A (Awareness)**: Need to know that the subject exists and that information or training is available and how to access it;
- **K (Knowledge)**: Understanding of the subject at a basic level;
- **C (Competent)**: Demonstrates a complete understanding of the subject and can fully perform all required tasks with minimal supervision;
- **P (Proficient)**: Demonstrates a detailed understanding of the subject and can fully perform all required tasks with no supervision;
- **R (Required)**: Mandatory competence or qualification

**C&C****MEDICAL****MOTORSPORT UK****OPERATIONS****RESCUE****SAFETY****TECHNICAL**

# RESCUE CREW CHIEF - COMPETENCY FRAMEWORK

C&C

MEDICAL

MOTORSPORT  
UK

OPERATIONS

RESCUE

SAFETY

TECHNICAL

C&C

Section	New section ID	Competency/Requirement	Level Required	Module/ Award
Operations	1a	Working relationships with the event control team including Clerk of the Course, Motorsport UK Steward, Radio controllers, Safety Officers	P	
Operations	1a	The different types of investigation and evidence that may be relevant at motorsport incidents	P	
Operations	1a	How to protect and control the scene to preserve evidence while maintaining operational activity	P	
Operations	1a	Use visual indicators en route to an incident that can help build a picture of what is involved and communicate this to relevant parties	P	
Operations	1a	Identify the local and external resources available to deploy at incidents	P	
Operations	1a	Use a range of sources to gather information available at incidents	P	
Operations	1a	Make appropriate decisions, taking into account available information and resources	P	
Operations	1a	Know how operational activity may affect an investigation and the measures that can be put in place to help evidence preservation	P	
Operations	1a	Maintain communication between all parties and provide continual updates to control	P	
Operations	1a	Establish appropriate cordons, reflective of the risks, location, terrain and nature of the incident	P	
Operations	1a	Recognise the importance of considering risk versus benefit and not delaying a rescue to implement unnecessary safety controls	P	
Operations	1a	Briefing and debriefing	P	
Leadership	1b	Clear about what leadership is, its principles and practical application	R	GE03A Leadership
Leadership	1b	Understand what effective communication is and why it's essential for good leadership	R	GE03A Leadership
Developing Others	1c	How to put theory into practice	R	GE03B Developing Others
Developing Others	1c	The skills needed to develop others	R	GE03B Developing Others
Developing Others	1c	Understand your role in developing others	R	GE03B Developing Others
Developing Others	1c	The differences and similarities between a coach and a mentor	R	GE03B Developing Others
Feedback	1d	Communicate feedback so that it is received in a constructive manner.	R	GE03C - Giving and Receiving Feedback
Feedback	1d	Identify the opportunities for learning which are identified in feedback	R	GE03C - Giving and Receiving Feedback
Feedback	1d	Value and acknowledge all contributions but remember to challenge misconceptions	R	GE03C - Giving and Receiving Feedback
Report Writing	1e	Able to deliver effective reports using words and diagrams	R	GE03D Report Writing
Report Writing	1e	Clear about what should be included in reports	R	GE03D Report Writing
Report Writing	1e	Understand the differences between verbal and written reports	R	GE03D Report Writing



## MEDICAL

Section	New section ID	Competency/Requirement	Level Required	Module/ Award
Airway and Breathing	2a	Assembly and operation of a bag valve mask (BVM) device, including connection to an oxygen supply	R	
Airway and Breathing	2a	Indications and contra-indications for the use of airways	R	
Airway and Breathing	2a	Assemble and check equipment needed for endotracheal intubation	R	
Airway and Breathing	2a	Correctly size and insert an oropharyngeal airway (OPA)	R	
Airway and Breathing	2a	Correctly size and insert a supraglottic airway device such as i-Gel	R	
Airway and Breathing	2a	Support the Doctor / Paramedic with endotracheal intubation	R	
Airway and Breathing	2a	Checklists for sedation/trackside anaesthetic	K	
Airway and Breathing	2a	Testing and correct use of a suction device, either battery operated or hand-held, to clear an airway	R	
Airway and Breathing	2a	Head tilt chin lift + neutral alignment		
Airway and Breathing	2a	Jaw thrust		
Airway and Breathing	2a	Postural airway management		
Airway and Breathing	2a	Correctly size and insert a nasopharyngeal airway (NPA)	R	
Airway and Breathing	2a	Identify if patient is breathing normally	R	
Airway and Breathing	2a	Correctly assess breathing rate and depth	R	
Airway and Breathing	2a	Identify life-threatening chest conditions	R	
Airway and Breathing	2a	Application and management of appropriate chest seals	R	
Airway and Breathing	2a	Understanding of limitations of pulse oximetry, use if appropriate	R	
BLS and AED	2b	Basic life support CPR using an AED and following current European Resuscitation Guidelines	R	
Casualty Care	2c	Principles and methods of primary survey and casualty assessment	C	
Casualty Care	2c	Understand principles of initial casualty care	R	
Casualty Care	2c	Understand techniques for handling casualties, taking into consideration their known or potential injuries	R	
Casualty Care	2c	Understand the importance of establishing and maintaining communication with all persons involved	R	
Casualty Care	2c	Completing Patient Report Forms	R	
Casualty Care	2c	Understand how different types of impact can affect patterns of injury (kinematics)	P	
Casualty Care	2c	Patient confidentiality and the Caldicott principles	K	
Casualty Care	2c	Patient consent	K	
Casualty Care	2c	Assess presence of circulation	R	
Casualty Care	2c	Measure pulse rate and rhythm	R	



## MEDICAL

Section	New section ID	Competency/Requirement	Level Required	Module/ Award
Casualty Care	2c	Assess AVPU	C	
IV Fluids and Drugs	2d	Assemble and check the equipment needed for the cannulation and administration of IV Fluids and drugs	R	
IV Fluids and Drugs	2d	The complications of IV Fluids / drug therapy	A	
Burns	2e	Principles of burn injuries and the first aid management of burns	R	
Fractures	2e	Principles of fractures and their relative seriousness	R	
Fractures	2e	Types and appropriate use of splints including traction splints	R	
Fractures	2e	Application of pelvic splintage	R	
Medical gases	2f	How medical oxygen works and how it is administered.	K	
Medical gases	2f	The indications and contra-indications of medical oxygen	K	
Medical gases	2f	How Entonox (or equivalent) works and how it is administered.	K	
Medical gases	2f	The indications and contra-indications of Entonox (or equivalent)	K	
Triage	2g	Confirm and communicate the involvement, number and severity of any casualties (M/ETHANE)	P	
Triage	2g	Know what information should be provided to the medical team during any handover (ATMIST)	P	
Triage	2g	Make an initial assessment of casualty numbers and injuries using the Ten Second Triage tool	R	
Haemorrhage	2h	Principles of haemorrhage and haemorrhage control using direct pressure, appropriate dressings, CAT tourniquet and haemostatic agents.	R	
Haemorrhage	2h	Recognise life-threatening haemorrhage	R	
Haemorrhage	2h	Understand a stepwise approach to managing a catastrophic limb bleed	R	
Haemorrhage	2h	Appropriately manage catastrophic junctional bleed	R	
Haemorrhage	2h	Able to apply direct pressure	R	
Haemorrhage	2h	Competent application of tourniquet	R	
Haemorrhage	2h	Competent application of trauma dressings	R	
Haemorrhage	2h	Competent in use of haemostatic / packing	R	
Spinal	2i	Manual In-Line Stabilisation (MILS)	R	
Spinal	2i	Appropriate C-spine management	R	



## MOTORSPORT UK

Section	New section ID	Competency/Requirement	Level Required	Module/ Award
Online Learning	3a	The skills necessary to ensure effective teamwork; the importance and benefits of working together	R	GE01D Working Together
Online Learning	3a	The role of Motorsport UK and how it governs the sport; Equality, Diversity and Inclusion in motorsport; how the sport is kept safe, fair and fun	R	GE01F Safe, Fair and Fun
Online Learning	3a	Provide the knowledge and skills to work as part of a team and take on tasks or provide support to colleagues as needed	R	GE02A Supporting your Peers
Licence Maintenance	3b	Complete 12 hours of Continuing Professional Development per year, outside of Rescue training days.		
Licence Maintenance	3b	Complete 8 hours of Continuing Professional Development per year, outside of Rescue training days.	R	
Licence Maintenance	3b	Participate in a minimum of two practical training days	R	
Licence Maintenance	3b	Deliver a minimum of two practical training days		
Licence Maintenance	3b	Participate in a minimum of one Motorsport UK Rescue Trainer training day		
Licence Maintenance	3b	Collect signatures from a Rescue Crew Chief, Clerk of the Course or Motorsport UK Steward for attendance at Motorsport UK permitted event days.	8	
Licence Upgrade	3c	Initial Incident Command module	P	
Licence Upgrade	3c	Collect 10 signatures from a Rescue Crew Chief, Rescue Trainer, Clerk of the Course or Motorsport UK Steward for attendance at Motorsport UK permitted event days for upgrade	R	
Licence Upgrade	3c	4 event days acting as Rescue Crew Chief with a licensed Rescue Crew Chief as a mentor for upgrade from Technician.	R	
First Aid/ Medical	3d	Undertake and maintain a Motorsport UK recognised first aid or pre-hospital care qualification equivalent to 1-day Emergency first aid at work (EFAW)		
First Aid/ Medical	3d	Undertake and maintain a Motorsport UK recognised first aid or pre-hospital care qualification equivalent to 3-day First Aid at Work (FAW) or Level 3 Award in First Response Emergency Care (FREC 3)	X	
Developing Others	3e	Motorsport UK Trainer Instructor licence grade		
Developing Others	3e	Coaching and mentoring	C	
Standards and development	3f	Attend regional and national extrication events/seminars		
Standards and development	3f	Support developments in operational safety		
Standards and development	3f	Support the development of national standards and guidance		



## OPERATIONS

Section	New section ID	Competency/Requirement	Level Required	Module/ Award
Firefighting	4a	Practical experience of checking, handling and using a fire extinguisher	R	GE01B - Fire Practical
Firefighting	4a	Practical experience of how to deal with a vehicle fire	R	GE01B - Fire Practical
Firefighting	4a	Aware of fire fighting target outcomes and aims	R	GE01A - Fire Theory
Firefighting	4a	Aware of the different types of extinguisher and when each should be used	R	GE01A - Fire Theory
Firefighting	4a	Clear about the need to prioritise personal safety and the protective clothing and equipment needed	R	GE01A - Fire Theory
Firefighting	4a	Confident to take the knowledge gained forward to a practical fire fighting exercise	R	GE01A - Fire Theory
Firefighting	4a	Understand the team-based approach to tackling a fire	R	GE01A - Fire Theory
Firefighting	4a	Understand the Triangle of Fire and how removing one element causes it to die	R	GE01A - Fire Theory
General	4b	Have an understanding of issues associated with motorsport incidents and the basic knowledge to be able to intervene until medical and rescue services arrive	R	GE01G - First on Scene
General	4b	Roles and responsibilities of the different responders that may attend an incident and their priorities	P	
General	4b	Safeguarding principles	K	
General	4b	Safe driving on motorsport courses and the public highway	K	
General	4b	Establishing and maintaining working relationships with the medical team, ambulance and recovery operators	P	
General	4b	Understand the factors that influence situational awareness at an incident	P	
General	4b	Understand the importance of daily equipment checks - operation, dates, etc	R	
General	4b	Understand the importance of familiarity with the equipment carried	R	
General	4b	Be aware of best practise regarding the positioning of emergency vehicles at the scene of an incident	P	
General	4b	Ensure safe and adequate access to an incident is established and maintained	P	
General	4b	How events (race, rally, speed) operate and the differences, together with the operational differences for Rescue Units.	K	
General	4b	Understand the Rescue and Medical team's responsibilities when responding to incidents	K	
General	4b	Be able to identify hazards associated with approaching incidents at different event venues	K	
Communications	4c	Communication in Theory	K	RC01B - Communication in Theory
Communications	4c	Communication in Practice	K	RC02B - Communication in Practice
Communications	4c	Demonstrate the practical use of the radio and pass a message effectively.	P	
Communications	4c	Radio etiquette and the NATO phonetic alphabet.	P	
Communications	4c	The principles of radio operation and why communication issues might occur.	P	
Communications	4c	What are and are not appropriate radio messages,	P	



## RESCUE

Section	New section ID	Competency/Requirement	Level Required	Module/ Award
Stabilisation	5a	Identify and manage risks from unwanted vehicle movement	P	
Stabilisation	5a	Identify suitable anchor points for stabilisation equipment	P	
Stabilisation	5a	Identify when other actions should be prioritised over vehicle stabilisation	P	
Stabilisation	5a	Remove stability safely and logically	P	
Stabilisation	5a	Understand the weight distribution of the vehicle	K	
Stabilisation	5a	How rescue operations may impact vehicle stability	K	
Stabilisation	5a	How damage to a vehicle can impact stability	K	
Stabilisation	5a	Apply the different types of stabilisation	P	
Stabilisation	5a	Where vehicle relocation may be an appropriate action	K	
Stabilisation	5a	Considerations when moving or stabilising vehicles or other objects involved in the incident	K	
Stabilisation	5a	Mitigate uncontrolled release of stored energy and the impact on vehicle stabilisation	P	
Stabilisation	5a	How terrain may affect the stability of an object involved in a collision	K	
Access and Space Creation	5b	Identify and communicate barriers to space creation techniques	P	
Access and Space Creation	5b	Make appropriate rapid entry to the vehicle, when required	P	
Access and Space Creation	5b	Select the correct space creation techniques and tools for the vehicle structure and type, including techniques to avoid areas incorporating high-strength materials or structures	P	
Access and Space Creation	5b	Implement, when appropriate, methods of relocating, repositioning or lifting vehicles or objects to aid extrication	P	
Access and Space Creation	5b	Vehicle design and structure and how it will influence space creation techniques	K	
Access and Space Creation	5b	Working on construction materials and structures may lead to a release of stored energy	K	
Access and Space Creation	5b	Understand the need to reveal hazards before using tools and the methods that can be applied to expose potential risks	R	
Access and Space Creation	5b	Tech rescue techniques including- door opening, door removal (open and closed position), tenting, B-post removal and rip, dashboard lift and roll, roof removal	P	
Tool Use	5c	Use a range of techniques to open shut lines	P	
Tool Use	5c	Know how to ensure progression is maintained	P	
Tool Use	5c	Know which tools to select to maximise performance, prevent damage and reduce risk to responders and casualties	K	
Tool Use	5c	Understand the limitations and benefits of all available tools	K	
Tool Safety	5c	Maintain rescue tools in line with service/manufacturers' requirements	K	



## RESCUE

Section	New section ID	Competency/Requirement	Level Required	Module/ Award
Tool Safety	5c	Risks from high-pressure oil injuries and the actions to take in the event of a skin penetration injury	K	
Tool Safety	5c	Risks associated with tool operation	K	
Tool Safety	5c	Adequate protection during tool and rescue operations	P	
Tool Safety	5c	Understand safe systems of work related to tool operation and the need to monitor activities	P	
Tool Safety	5c	Maintain a clear working area	P	
Tool Use	5c	Identify when tools are not effective and why	P	
Tool Use	5c	Appropriate, safe and effective tool operation	P	
Tool Use	5c	How tool operation can impact the casualty	P	
Extrication	5d	Casualty handling and packaging using standard Rescue Unit equipment, including splints and pelvic binders.	R	
Extrication	5d	How to apply a Spinal Immobilisation Device (KED or equivalent).	R	
Extrication	5d	The assembly and correct sizing of a cervical collar and how to apply it.	R	
Extrication	5d	The use of a vacuum mattress	R	
Extrication	5d	The uses of an extrication board	R	
Extrication	5d	The sizing and use of a scoop stretcher	R	
Extrication	5d	Understand the concept of casualty-centric extrication	R	
Extrication	5e	How to correctly carry out the removal of a helmet from the front and the rear working as a team, including the safe use and operation of an oscillating saw.	R	
Extrication	5e	The correct methods of removing a Frontal Head Restraint.	R	
Extrication	5e	The situations where helmet removal should be undertaken and how to correctly identify such situations.	R	
Extrication	5e	The use of extrication seats	R	
Extrication	5f	Identify and communicate appropriate plans, for immediate, rapid and urgent extrication	P	
Extrication	5f	Understand and be able to identify the different levels of casualty entrapment	K	
Extrication	5f	Support medical professionals to perform a casualty-centric extrication	R	
Extrication	5f	Inform and reassure casualties about the extrication process	R	
Extrication	5f	Protect the casualty from the effects of the extrication process	P	
Extrication	5f	Use appropriate techniques and equipment to move casualties to a place of safety	R	
Extrication	5f	Immediate extrication techniques (e.g. Modified Rautek)	P	
General	5g	Establish an equipment holding area	P	



## RESCUE

Section	New section ID	Competency/Requirement	Level Required	Module/ Award
General	5g	Establish a debris holding area	P	
General	5g	Understand the phases of extrication	R	
Glass management	5h	Identify glass or glazing types and select suitable protection	P	
Glass management	5h	Provide ongoing hazard controls for glass particles and fragments	P	
Glass management	5h	Select the appropriate glass management techniques and tools	P	
Single Acting Hydraulic Tools	5i	Demonstrate the correct use of the hydraulic equipment.	P	
Single Acting Hydraulic Tools	5i	How to confirm that the equipment is safe for use, maintained in a safe condition and inspected to ensure it is correctly stored and does not subsequentially deteriorate.	P	
Single Acting Hydraulic Tools	5i	How to connect extension tubes to ram to ensure correct length for task.	P	
Single Acting Hydraulic Tools	5i	How to connect tools to a pump, check hydraulic oil levels, remove air locks from the system and check tools / pump / hose for damage.	P	
Single Acting Hydraulic Tools	5i	The common problems and errors in usage.	P	
Single Acting Hydraulic Tools	5i	The different tools available, their capabilities and the means of operation.	P	
Single Acting Hydraulic Tools	5i	The suitability for the intended use and demonstration of safe working practices.	P	
Double Acting Hydraulic Tools	5j	Demonstrate the correct use of the hydraulic equipment (e.g., cut a pillar/burst a door).	P	
Double Acting Hydraulic Tools	5j	How to confirm that the equipment is safe for use, maintained in a safe condition and inspected to ensure it is correctly stored and does not subsequentially deteriorate.	P	
Double Acting Hydraulic Tools	5j	How to connect extension tubes to ram to ensure correct length for task.	P	
Double Acting Hydraulic Tools	5j	How to connect tools to a pump, check hydraulic oil levels, remove air locks from the system and check tools / pump / hose for damage.	P	



## RESCUE

Section	New section ID	Competency/Requirement	Level Required	Module/ Award
Double Acting Hydraulic Tools	5j	The common problems and errors in usage.	P	
Double Acting Hydraulic Tools	5j	The different tools available, their capabilities and the means of operation.	P	
Double Acting Hydraulic Tools	5j	The suitability for the intended use and demonstration of safe working practices.	P	
Electrical Hand Tools	5k	Demonstrate the correct use of the power tools (e.g., cut a pillar with the electric saw).	P	
Electrical Hand Tools	5k	How to confirm that the equipment is safe for use, maintained in a safe condition and inspected to ensure it is correctly stored and does not subsequently deteriorate.	P	
Electrical Hand Tools	5k	How to connect to a power source, i.e., connect to generator, start generator, run and test saw. If the tool is battery operated, how to change, test and charge the battery.	P	
Electrical Hand Tools	5k	The different tools available, their capabilities, means of operation including the selection of correct blades / bits / disks for the task and how to change them.	P	
Electrical Hand Tools	5k	The suitability for the intended use and the demonstration of safe working practices.	P	
Electrical Hydraulic Tools	5l	Demonstrate the correct use of the hydraulic equipment (e.g., cut a pillar/burst a door).	P	
Electrical Hydraulic Tools	5l	How to charge, check and change batteries, check hydraulic oil levels, remove air locks from the system and check tools for damage.	P	
Electrical Hydraulic Tools	5l	How to confirm that the equipment is safe for use, maintained in a safe condition and inspected to ensure it is correctly stored and does not subsequently deteriorate.	P	
Electrical Hydraulic Tools	5l	How to connect extension tubes to ram to ensure correct length for task.	P	
Electrical Hydraulic Tools	5l	The common problems and errors in usage.	P	
Electrical Hydraulic Tools	5l	The different tools available, their capabilities and the means of operation.	P	
Electrical Hydraulic Tools	5l	The suitability for the intended use and demonstration of safe working practices.	P	



## SAFETY

Section	New section ID	Competency/Requirement	Level Required	Module/ Award
Risk Management	6a	Establish safety cells for safe working under vehicles	R	
Risk Management	6a	How to formulate and document a Risk Assessment	R	
Risk Management	6a	Know when to appoint a safety officer to monitor stability and other areas of significant concern	P	
Risk Management	6a	Be able to identify hazards at the scene, perform a dynamic risk assessment and apply appropriate control measures to ensure scene and casualty safety	R	
Risk Management	6a	Hierarchy of risk controls		
PPE	6b	Care and decontamination of PPE	P	
PPE	6b	Understand the limitations of PPE in certain circumstances (such as those involving high voltage systems, chemicals and contaminants)	P	
PPE	6b	Identify and wear correct personal protective equipment (PPE) when working at an incident	R	
General	6c	Be able to work safely at the scene of an incident	R	
General	6c	Aware of relevant Health and Safety regulations and guidance as appropriate to the role and personal responsibilities for compliance	R	
General	6c	The process required to make a crash barrier safe and deal with issues related to damage to different stage/street/course furniture during an incident	P	
General	6c	The hazards associated with a vehicle involved with stage/street/course furniture	P	
General	6c	Contribute to the management of safe working areas at incidents	R	
General	6c	Factors to consider when working in challenging terrain/environments	P	
Risk Management	6c	Manage hazards associated with the extrication to minimise the risk to casualties and those involved in the extrication	P	



## TECHNICAL

Section	New section ID	Competency/Requirement	Level Required	Module/ Award
Electric & Hybrid Vehicles	7a	Identify competition vehicles with high voltage systems	P	
Electric & Hybrid Vehicles	7a	Aware of unexpected competition vehicle movement caused by the unintentional activation of any motor and the controls to prevent this	P	
Electric & Hybrid Vehicles	7a	Shut down or isolate competition vehicle electrical systems and components safely	P	
Electric & Hybrid Vehicles	7a	Actions to take when high voltage electrical systems cannot be isolated	P	
Electric & Hybrid Vehicles	7a	Correct PPE to use when high voltage electrical systems cannot be isolated	P	
Electric & Hybrid Vehicles	7a	Risks of isolating electrical systems using procedures not recommended by competition vehicle manufacturers	P	
Electric & Hybrid Vehicles	7a	Awareness and direction on how to deal with electric and hybrid vehicles within a controlled competition environment	R	GE01C EV Awareness
Fuel Systems	7b	Aware of emerging technologies in relation to fuel systems	A	
Fuel Systems	7b	Able to reduce the risks from fuel and energy systems	P	
Fuel Systems	7b	Basic understanding of how traditional and alternative fuel systems operate	P	
Fuel Systems	7b	Identify a vehicle's fuel source	P	
Fuel Systems	7b	Understand the different types of fuels used to power competition vehicles	P	
Fuel Systems	7b	Understand the risks from different fuels and energy systems	P	
Electrical Systems	7c	Be aware of the different types of batteries used in competition vehicles	P	
Electrical Systems	7c	Understand the functions of electrical systems in competition vehicles	P	
Electrical Systems	7c	Know that residual charge may remain after isolation and what this may mean	P	
Electrical Systems	7c	Understand both the implications and benefits of isolating a competition vehicle's electrical system	P	
Vehicle Construction & Safety Systems	7d	Be able to identify body-on, monocoque and space-frame chassis	P	
Vehicle Construction & Safety Systems	7d	Be aware of the different types of materials used in vehicle construction and how to identify them	K	
Vehicle Construction & Safety Systems	7d	Be aware that a competition vehicle may be constructed using alternative techniques	P	
Vehicle Construction & Safety Systems	7d	Identify vehicle structural elements that may contain high-strength metal and consider how these will impact extrication options	P	
Vehicle Construction & Safety Systems	7d	Understand how deformation of a road vehicle construction material creates stored energy	P	



## TECHNICAL

Section	New section ID	Competency/Requirement	Level Required	Module/ Award
Vehicle Construction & Safety Systems	7d	Understand how deformation of a competition construction material creates stored energy	P	
Vehicle Construction & Safety Systems	7d	Understand how the materials used in vehicle construction react in a collision	P	
Vehicle Construction & Safety Systems	7d	Understand how to mitigate the effects of damaged materials, including airborne particulates	P	
Vehicle Construction & Safety Systems	7d	Understand the different types of competition vehicle structures and be able to identify and name the key components	P	
Vehicle Construction & Safety Systems	7d	Understand the 'relevant strength' of materials and its impact on rescue tools	P	
Vehicle Construction & Safety Systems	7d	Be able to use the correct terminology related to vehicles to support consistent and clear communication	P	
Vehicle Construction & Safety Systems	7d	Understand the risks and hazards posed by materials used in the structure of vehicles and how these may evolve or change if damaged	P	
Vehicle Construction & Safety Systems	7d	Basic standard vehicle construction and the differences between a road car and a competition car.	P	
Vehicle Construction & Safety Systems	7d	Be aware of man-made mineral fibres (carbon fibre, fibreglass, Kevlar, etc.) and the risks associated with them.	P	
Standard Production Vehicles	7e	Limit risks posed by safety systems in standard production vehicles	P	
Standard Production Vehicles	7e	Be able to identify the types and presence of undeployed airbags, safety restraint systems (SRS) and safety management systems in standard production vehicles	P	
Standard Production Vehicles	7e	Be aware of the impact that rescue tool operation has on active safety systems in standard production vehicles	P	
Standard Production Vehicles	7e	Be aware of the implications of isolating safety systems in standard production vehicles	P	
Standard Production Vehicles	7e	Understand how to safely manage airbags and SRS in standard production vehicles	P	



## TECHNICAL

Section	New section ID	Competency/Requirement	Level Required	Module/ Award
Standard Production Vehicles	7e	Understand the hazards of working close to safety systems in standard production vehicles	P	
Competition Vehicles	7f	Be aware that some competition vehicles use alternative or restricted means of access	P	
Competition Vehicles	7f	Identify the limitations that may apply to standard tools and equipment when used on competition vehicles	P	
Competition Vehicles	7f	Understand the difficulties associated with gaining access to competition vehicles	P	
Competition Vehicles	7f	Limit risks posed by safety systems in competition vehicles	P	
Competition Vehicles	7f	Roll cage construction (ROPS) and the potential issues and hazards associated with them.	K	
Competition Vehicles	7f	Single Seater Construction	K	

