



NFCC
National Fire
Chiefs Council

Appendix 2b

Statement of Requirements – Standards and Legislation

NFCC Emergency Response Vehicle
Framework

DS478-24

There is an obligation for Suppliers to perform its obligations under all Call-Off Contracts in accordance with Good Industry Practice and all applicable Laws. Therefore, all vehicles supplied through this Framework shall conform to the current Statutory Legislation (Acts and Regulations), including but not limited to those listed within this document.

The Framework automatically applies any legislation and standards changes to the Framework i.e. any referred to would automatically be superseded.

The list of Standards and Legislation provided within this document is not an exhaustive list and therefore may not capture all that apply to vehicles procured via this Framework. Please note that some equipment standards and legislation have not been included but still apply to the vehicle/s where relevant e.g., BS 8627 - Fire and rescue service equipment - Ultra-high pressure lance firefighting equipment.

The document may be updated during the life of the Framework and if so, this would follow the variation procedure set out in the terms and conditions.

The following standards and legislation may apply to the relevant vehicle/s procured by the FRSs. Contracting Authorities may specify supplementary Standards and Legislation as part of their requirements for a Further Competition.

Standards and Legislation	Pumping Appliances	Aerial Appliances	Special Vehicles	Disposal
Euro 6 (D Rating) for light passenger and commercial vehicles – Regulation (EC) No 715/2007. Emission standard sets emission limits for new vehicles sold in the EU.	✓	✓	✓	
EN 1846-1:2011, Firefighting and rescue service vehicles – Part 1: Nomenclature and designation	✓	Maybe required	Maybe required	
EN 1846-2:2009+A1:2013, Firefighting and rescue service vehicles – Part 2: Common requirements, Safety and Performance. Inclusive of UK National Annex	✓	Maybe required	Maybe required	
EN 1846-3:2013, Firefighting and rescue service vehicles – Part 2: Permanently installed equipment, Safety and Performance.	✓	Maybe required	Maybe required	
EN 1028-1:2002+A1:2008, Fire-fighting pumps. Fire-fighting centrifugal pumps with primer – Part 1: Classification. General and safety requirements. Only applicable to pumps, i.e., pumping appliances or specials with pumps installed, where the type of pump is within the catchment of the standard.	✓	Maybe required	Maybe required	
EN 1028-2:2002+A1:2008, Fire-fighting pumps. Fire-fighting centrifugal pumps with primer – Part 2: Verification of general and safety requirements. Only applicable to pumps, i.e., pumping appliances or specials with pumps installed, where the type of pump is within the catchment of the standard.	✓	Maybe required	Maybe required	
ISO 3833:1977, Road vehicles – Types, terms and definitions	✓	✓	✓	
EN 24165:1992, Road vehicles – Electrical connections – Double pole connector (ISO 4165:1979).	✓	✓	✓	

EN 60529:1992+A2:2013, Degrees of protection provided by enclosures (IP code). 5/5 rating.	✓	✓	✓	
IEEC Regulations	✓	✓	✓	
EN 953:1997+A1:2009, Safety of machinery — Guards — General requirements for the design and construction of fixed and movable guards	✓	✓	✓	
CEN/TR 15172-1:2005, Whole-body vibration — Guidelines for vibration hazards reduction. Engineering methods by design of machinery	✓	✓	✓	
EN 61310-1:2008, Safety of machinery — Indication, marking and actuation. Requirements for visual, acoustic and tactile signals (IEC 61310-1:2008)	✓	✓	✓	
EN ISO 3744:2010, Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure. Engineering methods for an essentially free field over a reflecting plane	✓	✓	✓	
EN ISO 4871:2009, Acoustics — Declaration and verification of noise emission values of machinery and equipment	✓	✓	✓	
EN ISO 11201:2010, V2 Acoustics — Noise emitted by machinery and equipment — Determination of emission sound pressure levels at a workstation and at other specified positions in an essentially free field over a reflecting plane with negligible environmental corrections.	✓	✓	✓	
EN ISO 11688-1:2010, Acoustics — Recommended practice for the design of low-noise machinery and equipment — Part 1: Planning (ISO/TR 11688-1:1995)	✓	✓	✓	
EN ISO/TR 11688-2:2001, Acoustics. Recommended practice for the design of low-noise machinery and equipment – Part 2: Introduction to the physics of low-noise design.	✓	✓	✓	
EN ISO 12100:2012, Safety of machinery —General principles for design. Risk assessment and risk reduction	✓	✓	✓	
EN ISO 13857:2008, Safety of machinery — Safety distances to prevent hazard zones being reached by upper and lower limbs.	✓	✓	✓	
CR 1030-1:1995, Hand-arm vibration — Guidelines for vibration hazards reduction. Engineering methods by design of machinery	✓	✓	✓	
European Community Whole Vehicle Type Approval (ECWVTA)			Maybe required	
The Road Vehicles (Construction and Use) Regulations 1986, including amendments made thereafter.	✓	✓	✓	
Road Vehicles Lighting Regulations 1989, including amendments made thereafter.	✓	✓	✓	
BS EN 14043:2014, High rise aerial appliances for fire and rescue service use. Turntable ladders with combined movements. Safety and performance requirements and test methods. Applicable to Aerial appliances only.		✓	Maybe required	
BS EN 14044:2014, High rise aerial appliances for fire and rescue service use. Turntable ladders with sequential movements. Safety and performance requirements and test methods. Applicable to Aerial appliances only.		✓	Maybe required	

BS EN 1777:2010, Hydraulic Platforms (HP's) for firefighting and rescue services. Safety requirements and testing. Applicable to Aerial appliances only.		✓	Maybe required	
PD CEN TS 15989:2015, Firefighting and rescue service vehicles and equipment. Graphical symbols for control elements and displays and for markings.	✓	✓	✓	
ECE29 a, b & c Cab crash safety	✓	✓	✓	
All components fitted to the vehicles as part of the construction and manufacture shall be CE marked to certify compliance to EEA H&S requirements or UKCA (UK Conformity Assessed)	✓	✓	✓	
All 110v A.C. mains wiring on the vehicle will be compliant with the current IET Wiring Regulations, BS 7671:2018, using connections compliant to BS EN 60309-2:1999+A2:2012, IEC 60309-2:1999	✓	✓	✓	
Conspicuity ECE 104 regulations compliance	✓	✓	✓	
Lighting to meet ECE R65 specification	✓	✓	✓	
Health and Safety at Work Act 1974	✓	✓	✓	
End-of-life Vehicles Regulations 2003 (as amended)				Special Vehicles Only
End-of-life Vehicles (Producer Responsibility) Regulations 2005 (as amended)				Special Vehicles Only