

Technical Bulletin 020 – Motorsport Regulation Changes

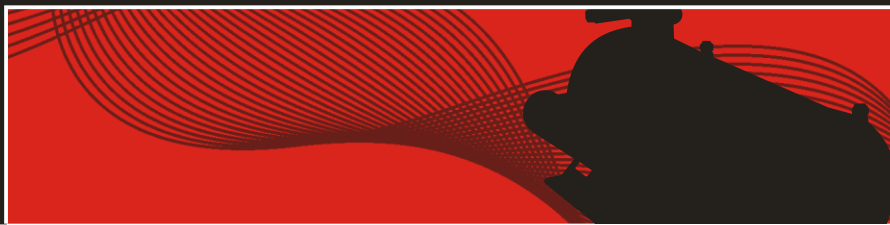
Rev3 16/10/2017

This Technical Bulletin details regulatory changes effecting motorsport categories under MSA and FIA regulations relating to equipment manufactured by Lifeline Fire and Safety. Lifeline endeavour to update this Technical Bulletin as soon as we are aware of a regulatory change, however it remains the responsibility of each competitor to be fully aware of any specific changes relating to the category of national or international motorsport relevant to them. Should you become aware of a change which you cannot see within the Technical Bulletin please contact the Lifeline technical department who will be happy to investigate the change if we are not aware of it and advise accordingly.

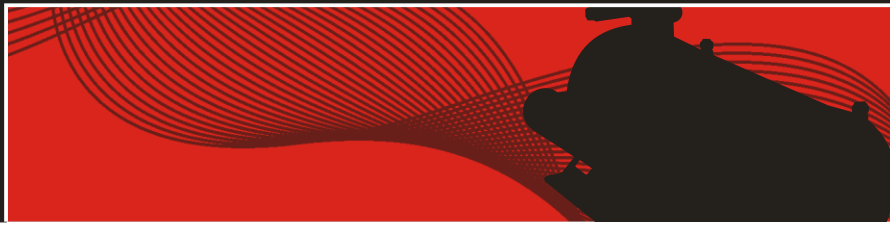
Date of change/ (effective date)	Category	Regulation	What it means
13/07/2015 (01/01/2016)	FIA Rally	FIA Appendix J 7.1 Application ...Extinguishing Systems and Manual extinguishers in compliance with FIA Standard 8865-2015 (Technical List n°52) are recommended. They will be compulsory for cars of the RC1 class of the FIA World Rally Championship as from 01.01.2016	Technical List n°16 extinguishers can no longer be used for RC1 World Rally Championship cars. Technical List n°16 extinguishers can be used for other categories of FIA Rally, but it is recommended that competitors use a Technical List n°52 extinguisher
13/07/2015 (13/07/2015)	FIA Circuit, Slaloms, Hillclimbs	FIA Appendix J 7.1 Application ... Extinguishing systems and Manual extinguishers in compliance with FIA Standard 8865-2015 (technical List n°52) are recommended	Technical List n°16 extinguishers can be used for FIA Circuit, Slalom and Hillclimb events, but it is recommended that competitors use a Technical List n°52 extinguisher
13/07/2015 (13/07/2015)	All FIA	Appendix J 7.2 Systems Mounted ... The system must be used in accordance with the manufacturer’s instructions and with Technical Lists n°16 and n°52	See Lifeline Zero 2000/Zero360/ZeroZERO instruction booklets for Technical List n°16 systems and Technical Bulletin TB016 for Zero 3620 8865-2015
13/07/2015 (13/07/2015)	All FIA	Appendix J 7.2.2 ... Anti-torpedo tabs are required.	The extinguisher mounting system must feature a detail which prevents the cylinder from sliding along its axis.



			Lifeline can provide a bracket and straps which are designed for this purpose. Contact sales for further information.
07/03/2016 (01/01/2017)	FIA Rally	<p>FIA Appendix J 7.1 Application ...Extinguishing systems and Manual extinguishers in compliance with FIA Standard 8865-2015 (Technical List n°52) are recommended. Extinguishing systems in compliance with FIA Standard 8865-2015 (Technical List n°52) are compulsory for... the following cars: -</p> <ul style="list-style-type: none"> • World Rally Cars homologated before 31.12.2013 in compliance with homologation extension 100/01 KSR and with its WR extension, as well as with Art. 255A of 2013 Appendix J. • World Rally Cars homologated as from 01.01.2014 in compliance with homologation extension 200/01 WRC and with Art. 255A of Appendix J. • World Rally Cars homologated as from 01.01.2015 in compliance with homologation extension 300/01 WRC and with Art. 255A of 2016 Appendix J. • World Rally Cars homologated as from 01.01.2017 in compliance with homologation extension 300/01 WRC and with Art. 255A of Appendix J. • Super 2000 (Rallies) cars in compliance with Art. 255A of 2013 Appendix J. • Group RGT cars in compliance with Art. 256 of Appendix J. • Group R5 cars in compliance with Art. 261 of Appendix J. 	<p>Technical List n°16 extinguishers can no longer be used for the classes of cars listed and must be replaced with Technical List n°52 extinguishers.</p>
21/09/2017 (01/01/2018)	FIA GT3	<p>FIA Appendix J Art257A 14.1 Fire Extinguishers ... in compliance with FIA Standard 8865-2015...</p>	<p>All cars racing under GT3 regulation must use a technical List n°52 extinguisher</p>



		<p>The systems must be used in accordance with Technical List n°52, and , in accordance with Article 253-7.2 except as regards the means of triggering.</p>	
<p>MSA Blue Book 2018 (01/01/2019 & 01/01/2022)</p>	<p>All MSA Competition</p>	<p>Existing vehicles competing prior to 1st January 2019 may comply with the following until 1st January 2022. New build vehicles from 1st January 2019 must comply with Appendix 3.</p> <p>3.A fire extinguisher/extinguishing system must be carried on all vehicles, the minimum requirement being that the system be charged with one of the permitted extinguishants and be operable by the driver whilst normally seated either by manual operation or by a mechanically/electrically assisted triggering system.</p> <p>All extinguishers must be serviced in accordance with the manufacturers guidelines, or every 24 months, whichever is sooner.</p> <p>Reason: Regulation K3 As an interim measure before the proposed requirement for FIA homologated extinguishers is in place (FIA homologation mandates a service requirement). This proposal will ensure that the non-homologated systems are serviced at least every 2 years which is advised the manufacturers.</p> <p>Section K Appendix 3 3.1 Plumbed-in Fire Extinguisher Systems 3.1.1 Where a plumbed-in fire extinguisher system is required</p>	<p>MSA regulation is transitioning over a 4 year period to FIA regulation. The transition period allows competitors to use current systems until 2022 to minimise disruption and cost.</p> <ul style="list-style-type: none"> • From 01/01/2018 no new MSA specification systems/cylinders will be available, either as new complete systems or as bottle only replacements • From 01/01/2019 NEW BUILD vehicles must use either an FIA Technical List n°16 or n°52 extinguisher • It is no longer “recommended” to have the extinguisher serviced. The extinguisher MUST be serviced every 2 years either by the manufacturer or one of the manufacturers approved service agents • From 01/01/2022 MSA specification extinguisher systems will no longer be permitted • From 01/01/2022 Rally must use a minimum of 3kg of extinguishant



the vehicle must be equipped with an extinguishing system in compliance with FIA Standard for plumbed-in Fire Extinguisher Systems in Competition Cars (1999) or with FIA Standard 8865-2015. The system must be used in accordance with the manufacturer's instructions and with FIA Technical Lists n°16 or n°52. In rallies, the minimum quantity of extinguishant for systems of FIA Technical List n°16 must be 3 kg.

Reason: To adopt FIA fire extinguisher regulations from 2019, whilst allowing existing vehicles to use their non-FIA extinguishers until 2022, at least two service cycles. The extinguisher manufacturers have confirmed that they will no longer be producing non-FIA systems due to the small market, FIA systems are now of comparable cost and size-weight to non-FIA systems