# 2022 MOTORSPORT AUSTRALIA MANUAL

# **TECHNICAL APPENDIX**

Schedule D – Apparel



Modified Article	Date of Application	Date of Publication

Any HEADING is for reference only and has no regulatory effect.

A capitalised and italicised word in this document is defined in the FIA International Sporting Code (Code), the National Competition Rules (NCR), including their Appendices or this document.

# 1. APPLICATION

- (a) Each occupant of an *Automobile* must comply with the apparel requirements for that *Competition*. Any non-compliant apparel may be impounded by the *Organiser* for the duration of that *Event*.
- (b) The letters in the following tables represent the applicable standard as detailed in Article 2. These are referenced by apparel type and status of the competition.
- (c) The standards set out in this *Schedule* are the minimum requirement for the *Competition* or *Event* listed. Specific regulations for an *Event* may apply higher apparel requirements.
- (d) The status of the application refers to the level of *Competition* entered at a given *Event*.
- (e) A passenger in an *Automobile* shall be required to wear apparel as detailed in the *Motorsport Australia* Passenger Ride Activity (MSPRA) policy.
- (f) Any *International Competition* listed on the *FIA* International Calendar will be subject to the standard of apparel detailed in the applicable *FIA Code* and these will supersede the requirements set out below should a conflict arise for the event.

#### 1.1 RACE

	Automobile other than a Superkart		Superkart	
	Club State National	International	Club State National	
Helmet	А	А	С	
Frontal Head Restraint	А	А	В	
Flame-retardant Overalls / Other Outerwear	В	A	E	
Flame-retardant Underwear	В	А	С	
Flame-retardant Balaclava	В	А	D	
Footwear	A	А	D	
Socks	А	А	С	
Gloves	A	А	D	
	Practice / Demonstrations: Apparel requirements are as per the relevant Event.			

# 1.2 RALLY/ROAD

	Gravel / Tarmac Rally		Other	S1 Rallysprint	
	Club	State	National	Club State National	Club State National
Helmet	А	A	A	D	В
Frontal Head Restraint	А	А	А	С	В
Flame-retardant Overalls / Other Outerwear	D	С	В	F	D
Flame-retardant Underwear	В	В	В	С	В
Flame-retardant Balaclava	С	В	В	D	С
Footwear	В	В	А	С	В
Socks	В	В	А	С	В
Gloves (not mandatory for co-drivers)	В	В	А	С	В
	Gravel Rally r Rally including Cross Country Rallysprint.	Special Stage, Rally and S2	Targa Rally,	Other Rally/Road Event Other rally/road Events incl Navigation Assemblies, Ec Road Rallies complying wit Road Rally (Touring Road Eve requirements applicable to conducted will apply.	ude, <i>Touring Assemblies</i> , onomy Runs and other h civil road rules. For a <i>ent</i> ) the apparel the sub-event being

# 1.3 OFF ROAD

	Club State National
Helmet	A
Frontal Head Restraint	A
Flame-retardant Overalls / Other Outerwear	C <sup>1</sup>
Flame-retardant Underwear	B <sup>1</sup>
Flame-retardant Balaclava	B <sup>2</sup>
Footwear	В
Socks	A
Gloves	A
	Off Road notes: <sup>1</sup> If a SFI 3-2A/1 or a single layer flame retardant overall is worn level A flame retardant

overall is worn, level A flame retardant underwear must also be worn.

<sup>2</sup> Level A required for any Open Face Helmet.
 Practice / Demonstrations: Apparel
 requirements are as per the relevant *Event*.

# 1.4 SPEED (includes DRIFTING and REGULARITY)

	Club State National	<ul> <li><sup>1</sup> FHR for SPEED Events</li> <li>A FHR compliant with Standard A and a Helmet compliant with Standard A must be worn when competing in:</li> <li>(a) Each 1st Category (single seater) <i>Automobile</i>, except for:         <ul> <li>(i) a Superkart; or</li> </ul> </li> </ul>	
Helmet <sup>1</sup>	A/B	(ii) a 5th Category Automobile which is	
Frontal Head Restraint <sup>1</sup>	A/B	exempt from the use of a FHR.	
Flame-retardant Overalls / Other Outerwear	D	(b) Each Automobile the subject of a Motorsport Australia Log Book which	
Flame-retardant Underwear	В	applies a RACE, RALLY/ROAD, OFF	
Flame-retardant Balaclava	С	ROAD or 5 <sup>th</sup> CATEGORY classification that requires the mandatory use of a	
Footwear	В	FHR.	
Socks	В	The use of a FHR is not required for a Road	
Gloves	В	Registered Automobile for a Speed Event, except where Article (b) above is applicable. A full-face helmet is highly recommended for a Driver of an open car.	
	Practice / Demonstrations: Apparel requirements are as per the relevant <i>Event</i> .		

# 1.5 AUTOTEST

	Motorkhana	Khanacross
	Club State	Club State
	National	National
Helmet	D/B1	В
Frontal Head Restraint	С	С
Flame-retardant Overalls / Other Outerwear	F	F/ <sub>D</sub> 2
Flame-retardant Underwear	С	С
Flame-retardant Balaclava	D	D
Footwear	С	С
Socks	С	С
Gloves	С	С
	Motorkhana: <sup>1</sup> Each Driver and (where applicable) Passenger of a Motorkhana special is required to wear a helmet to Level B standard. Practice / Demonstrations: Apparel re Event.	Khanacross: <sup>2</sup> Driver and Passenger in an open Automobile are required to comply with Level D outerwear. equirements are as per the relevant

#### 2. **APPAREL STANDARDS**

#### 2.1 HELMET

.1			
	Standards	Example Label	FHR Compliant
Α	Note: For International Competition, only a helmet as spec	ified in FIA Technical List No. 25 (Recognised Standards for Helmets) shall	be accepted.
	FIA 8860-2018 and 8860-2018-ABP	Incorporation with the state of th	Yes
	FIA 8860-2010	And the second s	Yes
	FIA 8859-2015	International and a second and	Yes
	Snell SA2010 and SAH2010 (not valid level A after 31/12/2023) and either FIA 8858-2010 OR FIA 8858-2010 tether anchors (No. etched on the tether anchor)		Yes
	Snell SA2020 and SA2015 and FIA 8858-2010 tether anchors	SA172070 SA2020 MELL SA2015	Yes
	Includes a Helmet of the Level A Standard		
B	FIA 8860-2004 If used with FHR only fitted with compliant FHR tether anchors – FIA 8858-2002 or FIA 8858-2010.	FIA Standard 8869-2004 Mauda the Hermit Inc Vicent Size: 56	Yes
	Snell SA2005 If used with FHR only fitted with compliant FHR tether anchors – FIA 8858-2002 or FIA 8858-2010.	SA2005 Guelle	Yes
	BS 6658-85 A/FR If used with FHR only fitted with FHR tether anchors from the manufacturer.	CERTIFIED TO BRITISH STANDADD 020403 BDDG058-85 TYPE A/FR	Yes
	SFI 31.1, SFI 31.1A, SFI 31.2A, SFI 24.1 (youth helmet standard) Level A Standard	The Manufacture Tables Table Tables T	No
	Snell SA2000		No
	AS/NZS1698 and updates Label may vary depending on approval body.	ASH25 1696 ASH25 1696 BSI BSI BSI BSI BSI BSI BSI BSI BSI BSI	No
		CENTIFIED PRODUCT Construction Constructio	
	ECE 22 (with 03, 04 or 05 amendments) Label may be on the helmet strap and consist of the E mark with a number which defines the country of origin.	i.e.4 = Netherlands	No
С	Full Face Helmet of the Level A Standard	1	1
•	Full Face Helmet of the Level B Standard		
	Full Face Helmet of <b>Snell M2000, M2005, M2010,</b> <b>M2015, M2020D/R</b> standard (valid for Superkart competition only)		No
	,		

# 2.2 FRONTAL HEAD RESTRAINT (FHR)

	Standards	Example Label
A	FIA 8858-2010 Hologram compulsory on 8858-2010 yoke manufactured after 01/01/2013 FIA 8858-2002	Standard 8558-2002 Restant Restant Company Not company Not company
B	Not mandatory, Level A standard device highly recommended	
С	Not mandatory, highly recommended where circumstances are appropriate	AF 00001 AF 00001 Serial N: xx xxx Model Homologatiga N: : FHR:XXX.XX-X Date of Manufacturer JAN 2013

### 2.3 FLAME-RETARDANT OVERALLS / OTHER OUTERWARE

	Standards	Example Label
Α	FIA 8856-2018 Hologram compulsory for all items manufactured.	Standard 8856-2018 DC.XXX.XX-X "Manufacturer's name" Not valid after: 20XX
	FIA 8856-2000 Manufactured before 01/01/2016 do not require a FIA hologram. (Fig 1) Hologram compulsory for items manufactured after 01/01/2016 (Fig 2)	Standard 8856-2000 RS.000.00 «Manufacturer's Name» Year of manufacture: 20XX
		(Fig 1) (Fig 2)
B	Level A;	
	FIA 1986	
	Level A; Level B; SFI3.2A/1 (single layer) or superior SFI standard.	Sfi MANUFACTURED CENTIFIED 3-2A/1
D	Clothing from ankles to neck to wrists. Clothing of flammable synthetic m recommended.	aterial, such as nylon, is not acceptable. Level A, B or C overalls are
E	Minimum of a CIK Level 2 Fabric Overall which must be marked as per Leather overall, which may be one or two piece, securely fastened at th In each case the overall must cover the whole body from ankle to neck	e wrist and ankle and also at the waist of a two-piece suit.
F	Minimum of short sleeve shirt/t shirt and short pants	

### 2.4 FLAME-RETARDANT UNDERWEAR

	Standards	Example Label
A	FIA 8856-2018 Hologram compulsory for all items manufactured. FIA 8856-2000 Hologram compulsory for items manufactured after 01/01/2016	In compliance with: FIA Standard 8555-2018 Manufacturer name Homologation N°: DC XXXXXX Holl valid after: 20XX
B	Not mandatory; FIA-standard flame-retardant underwear is recommended Not mandatory	Standard 8856-2000 Manufacturer name Year of manufacture: 20XX

# 2.5 FLAME-RETARDANT BALACLAVA

	Standards	Example Label
A	FIA 8856-2018 Hologram compulsory for all items manufactured. FIA 8856-2000 Hologram compulsory for items manufactured after 01/01/2016	In compliance with: PIA Standard 8856-2018 Marufacturer pains: Name of manufacturer
В	A Level A balaclava is required, except where the <i>Driver</i> is wearing a helmet to Level A standard. If a Level A helmet is worn, the wearing of a flame- retardant balaclava is not mandatory, but is recommended	In compliance with FIA Standard 8856-2000
С	Not mandatory; a motor sport standard balaclava is recommended	Manufacturer name Year of manufacture: 20XX
D	Not mandatory	

#### 2.6 FOOTWEAR

	Standards	Example Label
A	FIA 8856-2018 Hologram compulsory for all items manufactured. FIA 8856-2000 Manufactured before 01/01/2016 do not require a FIA hologram. (Fig 1) Hologram compulsory for items manufactured after 01/01/2016 (Fig 2)	In compliance with: FIA Standard 8555-2019 Manufacture Bose Name of manufacturer Homologation N°: DC.XXXXXX
в	Level A or shoes with leather uppers that cover the foot. Shoes which have a leather upper but which include elasticised ankle regions are acceptable (e.g. elastic-sided work boots)	In compliance with FIA
С	Enclosed shoes	Standard 8856-2000 Manufacturer name
D	Abrasion-resistant footwear which covers and protects the ankles	Year of manufacture: 20XX

# 2.7 FLAME-RETARDANT SOCKS

	Standards	Example Label
A	FIA 8856-2018 Hologram NOT compulsory for socks. FIA 8856-2000 Hologram NOT compulsory for socks.	In compliance with FIA Standard 8856-2000
В	Not mandatory; FIA-standard flame-retardant socks are strongly recommended	Manufacturer name Name of manufacturer Year of manufacture: 20XX How so that the second secon
С	Not mandatory	

## 2.8 GLOVES

	Standards	Example Label
Α	FIA 8856-2018 Hologram compulsory for all items manufactured. FIA 8856-2000 Hologram compulsory for items manufactured after 01/01/2016	In compliance with: PIA Standard 856-2018 Manufacturer name Name of manufacturer Homoposition N°: DC.XXXXX Not valid after: SXXX
B C	Not mandatory; FIA-standard flame-retardant gloves are strongly recommended Not mandatory	In compliance with FIA Standard 8856-2000
D	Abrasion-resistant gloves that cover and protect the hands and wrists (including the fingers)	Manufacturer name Year of manufacture: 20XX



# 3. FURTHER REQUIREMENTS

These requirements are in addition to the other Articles of Schedule D.

#### 3.1 GENERAL

- (a) Each *Driver* shall continue to comply with the requirement of the *NCR* until such time as they exit their *Automobile*, or for a *Rally*/Road *Event* until the completion of a *Competition* section/stage refer also to Table 1.2.
- (b) Apparel shall be worn as the manufacturer intended.
- (c) Individual category or *Event* regulations may require higher standards of apparel than those detailed in Article 1 and 2. In such cases the higher standard will apply.

#### 3.2 BADGES AND EMBROIDERY OR PRINTING/TRANSFERS

The attachment of badges, use of embroidery or any printing/transfers on overalls can have a detrimental effect on the protection afforded by the garment.

- (a) **Badges:** For apparel complying to the *FIA* 8856-2000 or 8856-2018 standard, it is mandatory that all badges attached to the garment have a flame-resistant backing and be attached only with flame-resistant thread to the outer layer of the garment only. For all garments the number and size of badges should be kept to the minimum required to meet commercial and regulatory obligations
- (b) **Embroidery:** For apparel complying to the *FIA* 8856-2000 or 8856-2018 standard, it is mandatory that all embroidery be done using flame-resistant thread. Embroidery is only permitted to the outer layer of the garment. This is strongly recommended for all apparel.
- (c) **Printing/Transfers:** For apparel complying to the *FIA* 8856-2000 8856-2018 standard any printing or transfer is permitted to be done only by the manufacturer. A *Competitor* may be asked to demonstrate proof that any printing or transfer has been done only by the manufacturer.

#### 3.3 HELMET REQUIREMENTS

- (a) Style:
  - (i) In addition to the helmets approved for use above, each helmet shall be one of the following design types; full face or open face. An open-faced helmet is defined as a helmet that, as a minimum, covers the hairline of the average person and includes covering the ears.

(ii) Specifically excluded are helmets that do not cover, when viewed in side elevation, the area from the top of the ear to the bottom of the jaw, commonly referred to as a 'skull cap' style.

#### (b) Modifications:

- (i) A helmet must not be modified from its specification as manufactured except in compliance with instructions approved by the manufacturer and one of the standards organisations listed in this schedule, which certified the helmet concerned. Any item added or attached to a helmet (including any camera or camera mount) by any means will be considered as a modification. Any modifications or additions undertaken may invalidate the helmet certification.
- (ii) Approved modifications may include: Painting or wrapping (vinyl sticker or similar) in compliance with the manufacturer's instructions which may require proof that it has been carried out accordingly.
- (iii) Adding or attaching of ducting for cooling purposes using components supplied by the manufacturer or in compliance with the manufacturer's instructions. Adding or attaching communication equipment using components supplied by the manufacturer or in compliance with the manufacturer's instructions.

**Note:** Decoration of helmets is potentially dangerous, and *Competitors* are warned of the hazard of using paint on approved helmets. Paint, stickers and transfers, or surface treatments can react with helmet shell material and affect its protective capacity; therefore, where a manufacturer provides guidelines or restrictions on the painting or decoration of helmets, these must be followed, using only paint or surface treatment specified by them (air drying acrylic, polyurethane enamel or others) and preferably a painter having their approval. This is particularly important for injection- moulded shells which are not usually suitable for painting.

The shell being painted should be efficiently masked as paint penetrating the interior can affect the performance of the helmet liner. Paints requiring heat curing should not be used and any process should not exceed the maximum temperature of conditioning of the helmet in the standard to which it is approved.

#### (c) Frontal Head Restraints:

- (i) The drilling of holes in helmets for the fitment of FHR tether posts must be undertaken only by the manufacturer of the helmet or an approved manufacturer's agent.
- (ii) Tether posts may be fitted to helmets that are pre-drilled in accordance with the FHR manufacturer's instructions.
- (iii) The manufacturer's instructions should also be consulted for any considerations on the use of stickers and transfers.

#### (d) Accidents & Damage:

A *Competitor* is cautioned against using a helmet which has been damaged or involved in an accident. Helmets shall be deemed by the *Event* officials to be in a suitable condition for motorsport use

### 3.4 GOGGLES & VISORS

(a) Goggles or visors must be worn by a Driver of an open Automobile.

The *Driver* of a convertible *Automobile* with a permanent hard roof shall not be required to wear eye protection provided the *Driver* is not exposed to debris entering the cockpit.

- (b) Those with glass lenses of any kind are not acceptable. Lenses must be of a plastic material, with high-impact resistance, satisfactory optical qualities and complying with Australian Standard Specification AS 1609-1981, BS4110Z or equivalent international standard (i.e. ECE 22-05, VESC-8 or ANSI Z.87.1). An *FIA* helmet standard may mandate an *FIA* visor.
- (c) Goggles must be configured so as to minimise the entry of dust into the eye from any angle and be positively retained by an elastic strap behind the head or helmet. Conventional-style glasses are not acceptable but may be worn underneath goggles or visor.

### 3.5 HEARING PROTECTION

It is recommended that hearing protection devices (ear plugs) be worn at all times when exposed to high levels of noise.

#### 3.6 PIT CREW APPAREL – CIRCUIT RACES

- (a) Each person working on an *Automobile* in the pit or paddock area must at least wear shoes and socks, short pants and a short sleeved shirt. Each pit crew person must be neatly attired. The *Organiser* is authorised to refuse entry to the pit area of any person unsuitably attired.
- (b) In a *Circuit Race* where a refuelling operation is permitted, each person must at least wear shoes and socks, long pants and a short sleeved shirt. Each person involved in a refuelling operation or who is working within one metre of the refuelling or venting point must be attired in the following:
  - (i) One-piece overalls of flame-resistant materials extending from neck to wrists to ankles. Where such overalls consist of a single layer of material, separate flame-resistant underwear extending from neck to wrists to ankles must also be worn.

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- (ii) A flame-resistant balaclava which covers the entire head and neck save for one or two eye openings, unless a helmet providing a similar level of protection is worn.
- (iii) Goggles which cover all exposed areas of skin not covered by the balaclava, or a full-face helmet and visor.
- (iv) Shoes of leather or other flame-resistant materials which completely cover the feet and which fit closely around the ankle to minimise the ingress of spilt fuel. The soles must be resistant to fuel.
- (v) Those directly handling fuel shall require socks and gloves which comply with the requirements of the *FIA* 1986 or 8856-2000 or 8856-2018 standard.

#### 3.7 SUPERKART RACES AND PRACTICE

A Superkart Driver may wear appropriate wet weather clothing in addition to that specified.

#### 3.8 MORATORIUMS

There may be two years' notice on the implementation of any increased apparel requirements, save for any identified and pressing safety related requirements which may arise or become evident for non-international events.