



Kames Motorsport Complex Noise Management Policy

Version Control

1.0 Initial Release

01 April 2013



East Ayrshire Car Club has a responsibility to members, competitors and residents within the vicinity of the Kames Motorsport Complex, to ensure noise which could be construed as a nuisance is minimised.

This document covers:

- steps which have already been carried out and will be maintained (1-5)
 - controls which will be taken during the use of the complex to ensure any potential nuisance is minimised (6-10)
1. Trees have been planted around the perimeter of the circuit
 2. An additional tyre wall has been built along the perimeter of the complex between the track and Muirkirk village
 3. Exhaust testing has been banned at the complex
 4. Vehicles will be limited to competing between the hours of 09:00 and 18:00
 5. Mid week private hire is offered as an alternative to weekend hires and encouraged through our pricing structure
 6. A named official will be appointed for all events to ensure that all noise control measures are carried out.
 7. A sound pressure limit of 105dB(A) has been introduced with the exception of a few MSA permitted events which allow a higher level. This is a static test on each vehicle carried out in accordance with the MSA regulations.
 8. Vehicles not complying with the MSA test as per section 7, will not be allowed to use the track.
 9. If a vehicle passes the MSA test as per section 7, but the named official assesses that the noise is likely to cause a nuisance when the vehicle is running on the track, the vehicle will not be allowed to use the track.
 10. Records of these tests will be retained by the club.
- Appendix 1 contains details of maximum noise limits for MSA permitted events. Records will be taken at each event.
 - Appendix 2 contains an example of a noise record from a MSA permitted event
 - Appendix 3 contains an example of a noise record from a club event



Appendix 1 – Maximum noise limits for MSA permitted events

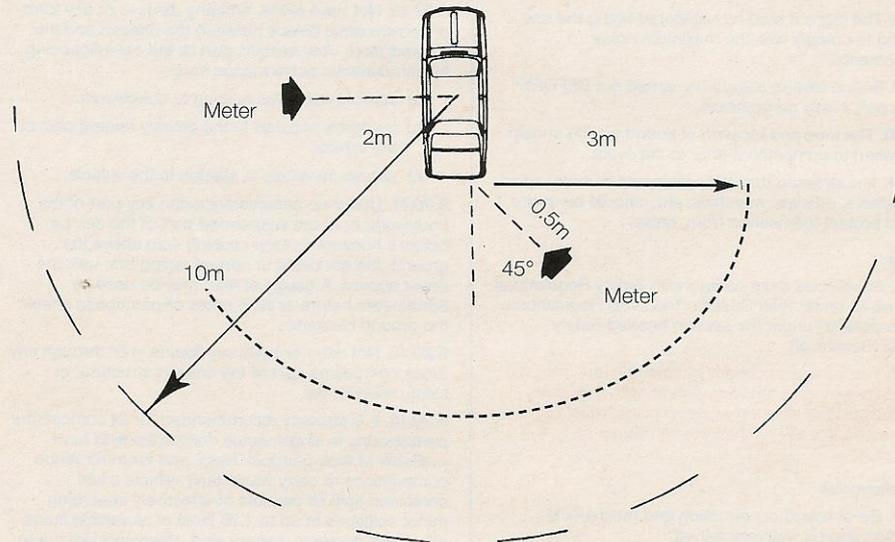
(J) Competitors: Vehicles

Appendix 1: Charts and Diagrams

Chart 5.18: Maximum Noise Limits

The following table gives alternative distance readings. (Noise measured in dB(A).)

	0.5m	2.0m	
Section 'A'	105	93	CAR RACE (SALOON AND SPORTS CARS) MAXIMUM AT ¾ MAXIMUM RPM
Section 'B'	108	96	CAR RACE (SINGLE SEATER AND SPORTS RACING CARS) MAXIMUM AT ¾ MAXIMUM RPM
Section 'C'	100	88	STAGE RALLY, AUTOTEST, TRIALS, MAXIMUM AT 4,500 RPM
Section 'D'	98	86	ROAD RALLY MAXIMUM AT ¾ MAXIMUM RPM
Section 'E'	100	88	CCV MAXIMUM AT ¾ MAXIMUM RPM
Section 'F'	108	96	AUTOCROSS AND RALLYCROSS MAXIMUM AT ¾ MAXIMUM RPM
Section 'G'			HILLCLIMB AND SPRINT MAXIMUM AT ¾ MAXIMUM RPM -
	110	98	RACING AND SPORTS LIBRE CARS AND CARS COMPLYING WITH S.12 AND S.13
	108	96	ALL OTHER CATEGORIES





Appendix 2 – Example of noise records from MSA permitted event



SOUND TEST FORM

'It is stressed that all environmental officials should at all times protect themselves from damage to hearing'

VENUE: KAMES DATE: SAT 14TH & SUN 15TH APRIL 2012

EVENT TYPE: SPRINT MIC DISTANCE: 0.5M

METER TYPE: CASTLE 824 (Metres) SERIAL NO: 000174

Comp No:	Vehicle Type	Test 1	Test 2	Test 3	Report Code	Comp No:	Vehicle Type	Test 1	Test 2	Test 3	Report Code
2	PEUGEOT	106			0	65	GEMINI AUTOTUNE	101			0
3	NOVA	94			0	66	MNR VORTX	107			0
4	PEUGEOT	100			0	71	PEUGEOT	108			0
108	TOYOTA	94			0	72	FORD FIESTA	108			0
10	RENAULT	82			0	76	RADICAL	110			0
11	FIESTA	102			0	80	RADICAL	110			0
19	HONDA	92			0	87	OMS	110			0
20	MITSUBISHI	107			0	88	MAGE	110			0
27	FISHER FURY	102			0	90	JEDI	104			0
28	MK INDY	101			0	91	OMS	105			0
29	MNR VORTX	105			0	ADDITIONAL CARS SUN 15TH APRIL					
132	WESTFIELD	101			0						
133	WESTFIELD	97			0	101/101	ROVER	93			0
136	FISHER FURY	96			0	5	MORRIS 4W1	89			0
140	SCORT	97			0	9	FORD FIESTA	101			0
44	LOTUS	106			0	12	FORD PUMA	91			0
47	VR VIXEN	101			0	13	HONDA	108			0
158	WESTFIELD	106			0	14	CITROEN	91			0
60	FISHER FURY	106			0	16	HONDA CRX	96			0
61	CATERHAM	98			0	22	MITSUBISHI	101			0
101	WESTFIELD	107			0	23	SUBARU	92			0

Ambient Conditions:
Other Comments:

Signed: Robin Wallace Environmental Inspector/Scrutineer

R WALLACE PRINT NAME

Code 0 = Satisfactory
1 = Verbal Warning
2 = Improvement Order
3 = Exclusion Recommended

Copies to: Environmental Official
Clerk of the Course
Chief Scrutineer



Appendix 3 - Example of noise records from club event

Event: *Club test day March 31st 2012*

Signature: *Rollie Weir*

Driver	Car	Colour : Reg	Payments		Sound level dB(A)
			Membership	Track hire	
<i>Scott McSkimming</i>	<i>Subaru</i>	<i>Blue</i>			
<i>Gary Hogg</i>	<i>Ford Ka</i>	<i>Silver</i>			<i>81</i>
<i>Joe Murdoch</i>	<i>Ford Sierra</i>	<i>Blue</i>			<i>85</i>
<i>Marc McCubbin</i>	<i>Ford Focus</i>	<i>Silver</i>			<i>95</i>
<i>Keith Fair</i>	<i>Ford Ka</i>	<i>Red</i>			<i>83</i>
<i>William Smith</i>	<i>Toyota MR2</i>	<i>Red</i>			<i>93</i>
<i>Graeme Smith</i>	<i>Toyota MR2</i>	<i>Red</i>			<i>93</i>
<i>Kevin Ross</i>	<i>Peugeot 205</i>	<i>White</i>			
<i>Ian Scoular</i>	<i>Mazda MX5</i>	<i>Silver</i>			<i>77</i>
<i>Leslie-Ann Scoular</i>	<i>Mazda MX5</i>	<i>Silver</i>			<i>77</i>
<i>Jock Ramsay</i>	<i>Opel Manta</i>	<i>Orange</i>			<i>98</i>
<i>Andrew Weir</i>	<i>Ford Sierra</i>	<i>Red</i>			<i>82</i>
<i>Andy Thoires</i>	<i>MK Indy</i>	<i>Black</i>			<i>101</i>
<i>David Loomes</i>	<i>Westfield</i>	<i>Red</i>			<i>99</i>
<i>Stephen Alexander</i>	<i>Westfield</i>	<i>Red</i>			<i>99</i>
<i>Donald Ross</i>	<i>Leystone F5</i>	<i>Blue</i>			<i>103</i>
<i>Gavin Murray</i>	<i>Peugeot 205</i>	<i>White</i>			<i>88</i>
<i>Chloe Murray</i>	<i>Peugeot 205</i>	<i>White</i>			<i>88</i>
<i>Nick Barrat</i>	<i>Morris Mini</i>	<i>Yellow</i>			<i>101</i>
<i>Ross McSkimming</i>	<i>Vauxhall Nova</i>	<i>Red</i>			<i>85</i>