Competition Vehicle Declarations Sheet

To calculate your max competition horsepower and minimum competition weight, follow the charts below.

Refer to the Vehicle Technical Rulebook for exact specifications before filling out these charts.

It is the competitors duty to accurately fill out these forms, if found to be out of compliance or done incorrectly, penalties may be issued.

Step 1: Select all HP Modifiers that apply.

HP Modifiers						Totals
Tire Class	C Tier +20HP	B Tier +10HP	A Tier +0HP	S Tier -15HP		+/- ___HP
Front Aero	Splitter +0HP	Airdam + Undertray +0HP	Lip + Undertray +0HP	NON-OE Bumper + Undertray +0HP	Two Items -5HP	- ___HP
Rear Aero	GT Wing +0HP	Rear Diffuser +0HP	GT Wing + Diffuser -5HP	No Aero +10HP	OEM Flat Floor -20HP	+/- ___HP
Engine	<2.0L +10HP / 2.0-2.9L +5HP	3.0-3.7L +0HP / 3.8-4.6L -5HP	4.7-5.7L -10HP	>5.7L -12HP	Forced Induction -10HP	+/- ___HP
Transmission	Manual/<7 Speed Auto +0HP			DCT/8+Speed Auto/Sequential/Dog Box -10HP		- ___HP
Drivetrain	RWD +0HP	AWD +0HP	FWD +5HP			+ ___HP
TOTAL HP MODIFIERS						+/- ___HP

Allowed Tire Chart

TIRE TIER	HP PENALTY/REWARD	TIRES PERMITTED
"C" Tier	+20HP	- Hankook RS4 - Cooper RS3-R - Federal RS PRO - Toyo R888R - Toyo R1R - GT Radial SX2 - Continental ExtremeContact Force - Nankang NS2R - Xcomp H/P
"B" Tier	+10HP	- Dunlop ZIII - Nitto NT01 - GT Radial SX2RS - Advan AD09 - Maxxis VR1
"A" Tier	+0HP	- BFG Rival S 1.5 - Nexen Sport R - Falken RT660 - Kumho V730 - Nankang AR1 - Goodyear SC3 (non R)
"S" Tier	-15HP	- Toyo RR - Maxxis RC1 - Advan A052 - Nankang CR-S/CR-1 - Bridgestone RE71RS

Step 2: Take your total HP Modifiers and plug them into your choice of these equations:

The maximum allowed LB/HP ratio is 12.50:1. All competitors must be at or above 12.50:1 including modifiers.

If you know your *Minimum Race Weight* use this equation:

(**xxxx**)lbs ÷ 12.50 = (**xxx**)HP +/- (**xx**)HP Modifiers = **Max** HP
Ex: 3000lbs ÷ 12.50 = 240HP + (-20HP) = 220HP
Ex 2: 3000lbs ÷ 12.50 = 240HP + (+20HP) = 260HP

If you know your *Maximum Horsepower* use this equation:

(**xxx**)HP +/- (**xx**)(HP Modifiers) x 12.50 = (**xxxx**)lbs
Ex: 240HP + 20(HP Modifiers) x 12.50 = 3250lbs
Ex: 240HP - 20(HP Modifiers) x 12.50 = 2750lbs

Step 3: Determine your maximum tire width allowed by Minimum Race Weight.

Note: Staggered tires use an average; Front size + Rear size ÷ 2 = Max section width.

Example: 255 Front + 275 Rear = 530 ÷ 2 = 265

For in-between averages such as "260" round up - this would be 265 average.

Minimum Race Weight	Printed Section Width
Under 2550 lbs	= 225
2551-2650 lbs	= 235
2651-2800 lbs	= 245
2801-2950 lbs	= 255
2951-3050 lbs	= 265
3051-3150 lbs	= 275
3151-3300 lbs	= 285
Over 3300 lbs	= 295 (max allowed)

Final Step: Fill out your official declarations, you can not exceed these claimed numbers during competition, on the Dyno or Scales.

It is encouraged to leave buffer room for your actual Max HP and/or actual Min Weight.

All cars must meet the official rules.

Attach Dyno graph to this page.

Official Declarations	Max HP	Total HP Modifiers	Minimum Weight	Tire Tier	Tire Size(s)	Final HP/LB Ratio
Example:	240HP	+20HP	3250lbs	A Tier	285	12.50

Competitor Signature: _____ Date:_____

Circuit Sprint Official:_____ Date:_____