Subgroup Structure for Kick-Off Workshop - Draft 19.07.2010

Road Load Determination

	Conventional Vehicles	Electrified Vehicles
Determine Vehicle Option Content	x	x
Vehicle operating mode(s)	x	x
Worst case vs.best case	x	
Tire pressure	x	
Electical accessories and state	x	
Vehicle Parameters	x	
Inertia weight class	x	
Definition of how to calculate	x	
Option content	x	
Delinieate type of electrified vehicle (EV/HEV/PHEV/REEV)		x
Environment / weather conditions	x	
Temperature	x	
Humidity, Wind condition	x	
coefficent of friction	x	

Test Procedure

Preparation	x	x
Preconditioning	x	x
Soak	x	x
Degreening	x	
Determine Vehicle Option Content	x	
Vehicle operating mode(s)	x	
Worst case vs.best case	x	
Tire pressure	x	
Dynomometer	x	
Roadload measurement / derivation	x	
Dyno performance requirements	x	
2WD / 4 WD considerations	x	
Vehicle Parameters	x	
Inertia weight class	x	
Definition of how to calculate	x	
Option content	x	
Environment / test cell and soak	x	
Temperature	x	
Humidity	x	
Driver's Aids	x	
Vehicle cooling	x	
Fan size and capacity	x	
Bench aging	x	
Regeneration Emissions	x	
Ki factor determination	x	

Emission Measurement / Measurement equpiment

Emissions Measurements	x	
Constant Volume Sampling	x	
PMP - Covered by separate subgroup	x	
Criteria Pollutants - NOx, CO, THC, CH4, CO2 and Fuel Consumption	x	
Analyzers	x	
Dyno performance requirements ?	x	
Calculations	x	
Electrical Power Consumption		x
Electricfied vehicle C02 emissions and correction factor		x
Cycle length and number of cycles (work with DHC?)	x	x