

customer check list --- climatic wind tunnel

(fields marked in red are mandatory)

1. schedule

date of measurement:	
start time:	
test duration including vehicle modification/conditioning (h):	

2. customer

company/contact person:	
telephone number:	
number of accompanying persons:	

3. vehicle

number of test vehicles:	
types of vehicles:	
delivery at Modine (date/time): note: delivery is possible after consultation with Modine personal	
modality of delivery:	<input type="checkbox"/> conveyance <input type="checkbox"/> own approach with test vehicle
drive configuration:	<input type="checkbox"/> front wheel <input type="checkbox"/> rear wheel <input type="checkbox"/> 4- wheel
secrecy:	<input type="checkbox"/> none <input type="checkbox"/> several components: <input type="checkbox"/> high
vehicle fixing: (Please always bring tow lugs with the vehicle)	rear: <input type="checkbox"/> draw bar <input type="checkbox"/> tow lug
	front: <input type="checkbox"/> wheel hub fixation <input type="checkbox"/> tow lug
fuel:	<input type="checkbox"/> Super Plus (ROZ 98) <input type="checkbox"/> summer diesel <input type="checkbox"/> others:
further notes (Please fill in):	

4. preparation

dynamometer tires	<input type="checkbox"/> assembled <input type="checkbox"/> will be delivered with vehicle <input type="checkbox"/> in store @ Modine
Shall test vehicle be fixed on dynamometer in advance by Modine?	<input type="checkbox"/> yes <input type="checkbox"/> no
measurement equipment (needed data links/cables)	<input type="checkbox"/> RS232 <input type="checkbox"/> Ethernet <input type="checkbox"/> crossed Ethernet <input type="checkbox"/> none <input type="checkbox"/> others:
additional equipment from Modine?	
replacements:	
assembler from Modine?	<input type="checkbox"/> yes <input type="checkbox"/> no

5. measurement schedule

start conditions:	temperature (°C)	humidity (%)	pre-cond. (h)
measurement points:	<input type="checkbox"/> max. speed <input type="checkbox"/> up-hill driving <input type="checkbox"/> driving cycles (driving parameters needed!) <input type="checkbox"/> stop& go <input type="checkbox"/> others:		
dynamometer mode:	<input type="checkbox"/> cycles (Please fill in parameters!) <input type="checkbox"/> constant force <input type="checkbox"/> constant speed		
vehicle parameters for first test vehicle:	mass (kg)	F0 (N)	F1 (N/km/h)
	F2 (N/(km/h)²)	A (m²)	Cx
	air density (kg/m³)	<input type="checkbox"/> Coast down curve	
wind tunnel data transfer	<input type="checkbox"/> online, via given dbc-file <input type="checkbox"/> transfer after measurement		

6. vehicle operator

vehicle operation:	<input type="checkbox"/> own driver <input type="checkbox"/> driver from Modine <input type="checkbox"/> E- throttle (note: usable only if following points are guaranteed)
fire extinguishing system is built in?	<input type="checkbox"/> yes <input type="checkbox"/> no (note: needed parts can be provided by Modine)
remote emergency stop of vehicle and start of fire extinguisher possible from control room?:	<input type="checkbox"/> yes <input type="checkbox"/> no