

Quality control (update)

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Quality control for idle test

Subclauses	Description	Criterion	Frequency	Comments
9.3.1 9.3.3	Wind speed	2 ± 1 m/s	Each test	
9.3.2 9.3.4	Wind direction	± 15 deg.	Each test	Perpendicular to rear of the test vehicle
9.3.3	Relative humidity	30 to 90%	Each test	
9.3.3	Atmospheric pressure	85 to 110 kPa	Each test	
9.3.3	Ambient temperature	-7 to +30°C	Each test	
9.3.4	Uniformity of the wind	$\pm 0,2$ m/s	Each test	Measure the wind speed at two additional points 0.5 m on each side of the vehicle prior to sampling (see Annex V).
9.3.8	Background pollutants concentration	<25% of MAC*	Before test	Control for all measured pollutants
9.3.10	Background pollutants concentration	<25% of MAC* and not more than 10% of MAC from concentrations before test (p.9.3.8)	After test	Control for all measured pollutants

*MAC – maximal allowable concentration set by contracting party

Quality control for constant speed test

Subclauses	Description	Criterion	Frequency	Comments
9.4.4	Wind speed	2±1 m/s	Each test	
9.4.4	Ambient temperature	-7 to +30°C	Each test	
9.4.4	Relative humidity	30 to 90%	Each test	
9.4.4	Atmospheric pressure	85 to 110 kPa	Each test	
9.4.4	Background pollutants concentration	<25% of MAC*	Before test	Control for all measured pollutants
9.4.6	Background pollutants concentration	<25% of MAC* and not more than 10% of MAC from concentrations before test (p.9.4.4)	After test	Control for all measured pollutants

*MAC – maximal allowable concentration set by contracting party



Quality control for gas analysis

Subclauses	Description	Criterion	Frequency	Comments
11.1	Gas analyzer calibration	$\pm 25\%$	Daily	Procedure in accordance to 11.1
11.2	Tedlar bag cleaning	Bag within nitrogen is heated up to 100°C for 24 hours	Before each test	

Thank you for your attention!



Climate control panels of different cars

