

Static Pressure at Exhaust Outlet

Attachment 42 Section 5-5

- (1) The connection shall be performed so that there is no adverse effect on the exhaust gas sampling.
- (2) The connecting sections shall be installed securely so that they will not break or disengage due to vibration, etc. Moreover, there shall be no exhaust gas leakage at the connecting sections.
- (3) If the test vehicle is equipped with an exhaust emission control device which performs control using the back-pressure of the exhaust gas, some appropriate measures, such as a method to lessen the change of pulsation state, shall be taken so that the functions of the emission control device are not adversely affected by using the CVS system.

In this case, the tolerable difference between the static pressure at the exhaust pipe outlet of the test vehicle running at a constant speed of 70 ± 2 km/h and the static pressure at the connection when the exhaust pipe outlet is connected to the exhaust gas sampling port of the CVS system shall be within ± 0.10 kPa.

General requirement

Specific case

0.1kPa requirement is for specific case only.
General requirement does not have quantified criteria.