

REQUIREMENTS:

LOW REQUIREMENTS:

Wind screen washer system as a separate technical unit must be submitted by the vehicle manufacturer or by the manufacturer of the windscreen-washer system. For each type of windscreen-washer system the application shall be accompanied by, Documents giving a description of the system and of its technical characteristics; One specimen of the type of the system. The competent authorities may, if they deem it necessary, request a further specimen. The specimens must bear in a clearly legible and indelible manner the applicant's trade name or mark and an identification of the type.

HIGH REQUIREMENTS:

The requirements of shall be satisfied when the wiper arms are restrained in their vertical position for a period of 15 seconds with the windscreen-wiper control set at the maximum sweep frequency. The outer face of the windscreen shall be thoroughly degreased by means of methylated spirit or an equivalent degreasing agent. After drying, a solution of ammonia of not less than 3% and not more than 10% shall be applied. The surface shall be allowed to dry again and shall then be wiped with a dry cotton cloth. A coating of the test mixture (see Annex III) shall be applied uniformly to the outer surface of the windscreen and allowed to dry. For the purpose of measuring the field of the windscreen-wiper system, prescribed in and, the outer face of the windscreen shall be treated as indicated in and or by some other equivalent method. A trace of the windscreen-wiper field shall be made and compared with a trace of the vision areas specified in and in order to verify that the requirements are met.

Where the outer face of the windscreen has been prepared as described in items and the windscreen washer may be used in all of the tests. The requirements of shall be met after the vehicle has been in an ambient temperature of -10 ± 2 ° C for a minimum of four hours. The windscreen-wiper system is to set to operate under the conditions set out in with the control at the position of maximum frequency. There are no requirements regarding the field swept.