§ 571.218 Standard No. 218; Motorcycle helmets.

This standard establishes minimum performance requirements for helmets designed for use by motorcyclists and other motor vehicle users.

The purpose of this standard is to reduce deaths and injuries to motorcyclists and other motor vehicle users resulting from head impacts.

This standard applies to all helmets designed for use by motorcyclists and other motor vehicle users.

Each helmet shall meet the requirements of S5.1, S5.2, and S5.3 when subjected to any conditioning procedure specified in S6.4, and tested in accordance with S7.1, S7.2, and S7.3.

S5.1 Impact attenuation. When an impact attenuation test is conducted in accordance with S7.1, all of the following requirements shall be met:

(a) Peak accelerations shall not exceed 400g;
(b) Accelerations in excess of 200g shall not exceed a cumulative duration of 2.0 milliseconds; and
(c) Accelerations in excess of 150g shall not exceed a cumulative duration of 4.0 milliseconds.