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Driver Partition Glazing Standards

Driver protection partitions (barriers, shields, etc.) for buses have been in the market for many years, but over the last several months these products have seen tremendous growth in response to COVID-19, and the absolute need to protect bus drivers from new threats in the world. With multiple solutions flooding the market, it is important to consider which of these products meet Federal Motor Vehicle and Safety Standards (FMVSS) and American National Standards Institute (ANSI) material certifications. For the purposes of this tech bulletin, we are specifically concerned with **FMVSS No. 205** and **ANSI/SAE Z26.1-1996** as they speak to glazing materials used in motor vehicles.

A letter from the U.S. Department of Transportation National Highway Traffic Safety Administration to the Illinois Department of Transportation, states that if any portion of the partition is placed in an area that the driver would have to see through in order to view windows required for driving visibility it classifies as a "requisite for driving visibility".¹ Typically, this would mean that the partition is installed to the immediate right, left or in front of the driver. Given this definition, glazing used for a partition must be listed as items 1, 2, 4, 4A, 10, 11A, 11C, 14, 15A or 15B.

When purchasing a partition for your vehicle, make sure to ask the supplier what type of glazing is used and if it meets FMVSS No. 205 and ANSI/SAE Z26.1-1996 standards. At AROW Global all of our products meet both FMVSS and ANSI standards. The following Technical Bulletins provide more information on glazing types used at AROW Global:

- [2011-001: Marking of Safety Glazing Material](#)
- [2011-002: Explanation of Safety Glazing Standards](#)
- [2011-004: Comparison of Glazing Types](#)

If you have any questions related to AROW Global Driver Protection System products, or the standards cited herein, please reach out to us at AskAROWGlobal@arowglobal.com.

¹ Morrison, J. C. (2020, August 11). Retrieved from School Transportation News: <https://nasdpts.org/resources/NHTSA-August%2011%202020%20571.205%20Plexiglass%20Barriers.pdf>