**Section 441.APPENDIX A Air Cleaner through Barrier, Guard**

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| a) | AIR CLEANER | |  | |
|  | | | PROCEDURE/SPECIFICATIONS:  Any type is acceptable. | |
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|  | | | REJECT VEHICLE IF:  Air cleaner is not properly attached or is missing. | |
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| b) | AISLE | |  | |
|  | | | PROCEDURES/SPECIFICATIONS:  Unobstructed minimum clearance leading from service door to emergency door (or back of bus) must be at least 12 inches (305 mm) wide. For buses manufactured in July 1987 or later, aisle width at two inches below top of seat back must be 15 inches (380mm). Floor to ceiling height must be a minimum of 68.9 inches (1.75m) at any location within the aisle.  An aisle may be adjacent to any side emergency door. For buses manufactured on or after September 1, 1994, the following must be met: | |
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|  | | | 1) | An unobstructed aisle measuring at least 11.7 inches (30 cm) must be maintained at all times, except with a flip-up seat is in the down position. |
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|  | | | 2) | No portion of the door latch mechanism can be obstructed by a seat. |
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|  | | | 3) | The 11.7 inches (30 cm) aisle is measured from the door opening to the seat back in front. (49 CFR 571.217) |
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|  | | AGENCY NOTE: | Flip-up seats are allowed. See SEATS, PASSENGER for standards. | |
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|  | | | REJECT VEHICLE IF:  Aisle does not meet minimum standards. | |
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| c) | ALTERNATOR  (GENERATOR) | |  | |
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|  | | | PROCEDURES/SPECIFICATIONS:  The generator, or alternator with rectifier, shall have a minimum capacity rating of 60 amperes and shall be capable of meeting all electrical requirements. | |
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|  | | | REJECT VEHICLE IF:  Alternator does not meet minimum standards or is not functioning. | |
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| d) | AXLES | |  | |
|  | | | PROCEDURES/SPECIFICATIONS:  Must meet federal chassis requirements as indicated on federal certification label. (49 CFR 568) | |
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|  | | | REJECT VEHICLE IF:  Axles show visible signs of apparent damage, leaking fluids or are not firmly attached. | |
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| e) | BARRIER,  GUARD | |  | |
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|  | | | PROCEDURES/SPECIFICATIONS:  A guard barrier, constructed and thickly padded so as to provide head, knee and leg protection, shall be installed in front of each forward facing passenger seat that does not directly face the rear surface of another passenger seat. The barrier must measure the same height as the passenger seat back directly behind that barrier. (49 CFR 571.222).  In a bus manufactured in January 1988 or later, guard barriers must measure the same height required of the seat back directly behind that barrier.  Exception: In a bus manufactured from July 1, 1987, to December 31, 1987, the barrier may measure less than the seat back behind the barrier.  Exception: In a bus with chassis (incomplete vehicle) manufactured in March 1977 or earlier, the barrier may consist of a floor-to-ceiling vertical stanchion, padded to within three inches of ceiling and floor, and a stanchion-to-wall, fully padded, horizontal guard rail. However, if located adjacent to stepwell, this type barrier shall include a stepwell guard panel that extends from the stanchion to the wall and from the guard rail to within two inches of the floor.  Exception: All buses manufactured prior to September 1974 are exempt from padding on stanchions and guard rails.  Exception: See 92 Ill. Adm. Code 445.APPENDIX A (Inspection Procedures for Special Education School Buses) for possible exception. | |
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|  | | | REJECT VEHICLE IF:  Barrier is not solidly attached. Padding or covering shows wear and tear. Barrier does not meet requirements. | |
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(Source: Amended at 22 Ill. Reg. 11889, effective June 29, 1998)