



DASMA
Door & Access Systems
Manufacturers Association
International

OPERATOR & ELECTRONICS DIVISION

TECHNICAL DATA SHEET

#358

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Vehicular Commercial Door and Gate Operators, and OSHA Requirements

The work place is regulated by the Department Of Labor Occupational Safety and Health Administration (OSHA).

The door and operator industry is required to contribute to a safe work place by installing “Acceptable” electronic products, namely a vehicular commercial door operator and/or vehicular gate operator.

“Acceptable” electric equipment is defined in 29 CFR 1910.399. A vehicular commercial door or gate operator is deemed to be “acceptable” in accordance with this definition if it meets one of the following criteria:

1. **It is “accepted, or certified, or listed, or labeled, or otherwise determined to be safe by a nationally recognized testing laboratory recognized pursuant to 29 CFR 1910.7.”** The terminology that best suits vehicular door or gate operators in this case is “listing and labeling.” The applicable standard would be UL 325. Keep in mind that a “nationally recognized testing laboratory” is one that has met certain criteria maintained by an independent laboratory evaluation agency.
2. **For an installation where no nationally recognized testing laboratory accepts, certifies, lists, labels, or determines to be safe, is “inspected or tested by another Federal agency, or by a State, municipal or other local authority responsible for enforcing occupational safety provisions of the National Electrical Code and found in compliance with the applicable provisions of the National Electrical Code (NEC).”** If the operator is inspected, the vehicular door or gate operator manufacturer will likely need to produce satisfactory evidence of compliance with the NEC. If the operator is tested, it may be by an entity authorized to do such testing by the applicable authority.
3. **For custom-made equipment or related installations that are designed, fabricated for, and intended for use by a particular customer, it is determined to be “safe for its intended use by its manufacturer on the basis of test data which the employer keeps and makes available for inspection to the Assistant Secretary and his authorized representatives.”** Please note that the vehicular door or gate operator manufacturer should not only have test data, but also documentation that the operator meets applicable acceptance criteria. Certification of the documentation by a registered professional engineer is highly recommended.

DASMA suggests that installers of vehicular commercial door and gate operators, when working in conjunction with a construction project, check with the building owner and/or contractor to find out whether Federal OSHA based laws govern the project.

Note: Technical Data Sheets are information tools only and should not be used as substitutes for instructions from individual manufacturers. Always consult with individual manufacturers for specific recommendations for their products and check the applicable local regulations.

This Technical Data Sheet was prepared by the members of DASMA's Operator & Electronics Division Technical Committee. DASMA is a trade association comprising manufacturers of rolling doors, fire doors, grilles, counter shutters, sheet doors, and related products; upward-acting residential and commercial garage doors; operating devices for garage doors and gates, sensing devices, and electronic remote controls for garage doors and gate operators; as well as companies that manufacture or supply either raw materials or significant components used in the manufacture and installation of the Active Members' products.