

Partial list of mandatory standards to which LEKTRO adheres as of October, 2006.

Society of Automotive engineers (SAE)

Web address: <http://www.sae.org>

Notes:

1. All "ARPs" have equivalent ISO standards.
2. LEKTRO was an integral member of the advisory committee when developing the Test ARPs
3. LEKTRO is the only Soft Capture Towbarless Towing Vehicle (TLTV) manufacturer represented in the SAE.

The applicable SAE documents and publications are as follows:

ARP1247 General Requirements for Aerospace Ground Support Equipment Motorized and Non-motorized.
ARP1328 Aircraft Support Equipment Stability Analysis
ARP1330 Welding Structures for Ground Support Equipment
ARP4852 Specifications for Towbarless Pushback Tow Vehicles
ARP4853 Specifications for Towbarless Tow Vehicles
ARP1375 Minimum Safety Requirements for Special Purpose Airline Ground Support Equipment
ARP5283 Nose Gear Towbarless Tow Vehicle Basic Test Requirements
ARP5911 Regional Aircraft Towbarless Tow Vehicle – Test Requirements
ARP5284 TLTV Aircraft NLG Steering and Tractive Force Protection Systems or Alerting Devices – Inspection, Maintenance and Calibration Requirements
ARP5285 Towbarless Towing Vehicle Operating Procedure

The applicable references to the above documents include:

Industry Wide Towbarless Tow Vehicle Specification Compiled By: Airbus, Boeing, Douglas, Fokker.
Federal Occupational Safety and Health Standards (OSHA), Subpart N
California Occupational Safety and Health Standards (CAL-OSHA)
US National Traffic Codes and Regulations
Applicable Mechanical Engineering Standards, Recommended Practices & Safety Rules (FAA, JAR, CAA, etc.)
Standards and Safety Rules for Electrical Installations

Where applicable, LEKTRO also conforms to the ASME B65.9-1992 Safety Standard For Operator Controlled Industrial Tow Tractors as well as all applicable ANSI Standards. EG: Welding Skill, Process Control and Supplier Control complies with Section 5, Part B of ANSI / AWS D1.1-98 Structural Welding Code – Steel and is CE and ISO-9001:2000 Compliant and Managed by dedicated VP of Quality Control.

LEKTRO'S CE certification assessment was conducted in accordance with all applicable portions of the following guidelines, codes and standards:

98/37/EC Machinery Directive (European Community Legislation)
89/336/EEC EMC Directive (European Community Legislation)
EN 292 -1 Safety of Machinery - Basic Terminology, Methodology
EN 292 - 2 Safety of Machinery - Technical Principles and Specifications
EN 418 Safety of Machinery - Emergency Stop Equipment, Functional Aspects
EN 954-1 Safety of Machinery - Safety-Related Parts of Control Systems
EN 1050 Safety of Machinery - Principles for Risk Assessment
EN 60 204-1 Safety of Machinery - Electrical Equipment of Machines
EN 60 529 Degrees of Protection Provided by an Enclosure
EN1175-1 Safety of industrial trucks – Electrical requirements for battery powered trucks
EN1915-1 Aircraft ground support equipment – Basic safety requirements
PrEN12312-7 Aircraft ground support equipment – Aircraft movement equipment
EN51000-6-4 (SAE J551 expired code equivalent) Radiated Electromagnetic Emissions (3rd party tested/certified)

Operational and Maintenance Manuals exceed all regulatory requirements and practices. Drafting and Engineering contractors currently maintain all records in accordance with ISO 9001:2000.