# 2004 No. 129

# TRANSPORT

The Cableway Installations Regulations 2004

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## THE CABLEWAY INSTALLATIONS REGULATIONS 2004

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SCHEDULE 2 — (ANNEX II TO THE CABLEWAY INSTALLATIONS DIRECTIVE) — ESSENTIAL REQUIREMENTS

- 1. Purpose
- 2. General requirements
- 2.1 Safety of persons The safety of users, workers and third...
- 2.2 Principles of safety All installations must be designed, operated and...
- 2.3 Consideration of external factors Installations must be so designed and...
- 2.4 Dimensions The installation, the subsystems and all its safety components...
- 2.5 Assembly
- 2.5.1 The installation, the subsystems and all the safety components must...
- 2.5.2 The safety components must be so designed as to make...
- 2.6 Integrity of the installation
- 2.6.1 The safety components must be designed and constructed and be...
- 2.6.2 The installation must be designed and constructed in such a...
- 2.6.3 The safeguards referred to in points 2.6.1 and 2.6.2 must...
- 2.6.4 Safety components which are incorporated into installations as spare parts...

- 2.6.5 Measures must be taken to ensure that the effects of...
- 2.6.6 Special measures must be taken to protect installations and persons...
- 2.7 Safety devices
- 2.7.1 Any defect in the installation which could result in a...
- 2.7.2 It must be possible at all times to shut down...
- 2.7.3 After the installation has been shut down by a safety...
- 2.8 Maintainability The installation must be designed and constructed so as...
- 2.9 Nuisance The installation must be designed and constructed in such...
- 3. Infrastructure requirements
- 3.1 Layout, speed, distance between vehicles
- 3.1.1 The installation must be designed to operate safely taking into...
- 3.1.2 Sufficient distance must be maintained laterally and vertically between vehicles,...
- 3.1.3 The maximum distance between vehicles and ground must take account...
- 3.1.4 The maximum speed of the vehicles or towing devices, the...
- 3.2 Stations and structures along the line
- 3.2.1 Stations and structures along the line must be designed, installed...
- 3.2.2 The entry and exit areas of the installation must be...
  - 4. Requirements relating to cables, drives and brakes and to mechanical...
  - 4.1 Cables and their supports
- 4.1.1 All measures must be taken in line with the latest...
- 4.1.2 It is not possible to prevent all risk of cable...
- 4.2 Mechanical installations
- 4.2.1 Drives The drive system of an installation must be of...
- 4.2.2 Standby drive The installation must have a standby drive with...
- 4.2.3 Braking
- 4.2.3.1 In an emergency, it must be possible to shut down...
- 4.2.3.2 Deceleration values must be within adequate limits fixed in such...
- 4.2.3.3 In all installations there must be two or more braking...
- 4.2.3.4 The installation must be fitted with an effective clamp and...
  - 4.3 Control devices The control devices must be designed and constructed...
  - 4.4 Communication devices Suitable facilities must be provided to enable operational...
    - 5. Vehicles and towing devices
  - 5.1 Vehicles and/or towing devices must be designed and fitted out...
  - 5.2 The fittings of vehicles and towing devices must be dimensioned...
  - 5.3 Vehicle doors (on cars, cabins) must be designed and constructed...
  - 5.4 If for reasons of operational safety an operator is required...
  - 5.5 Vehicles and/or towing devices and, in particular, their suspension mechanisms...
  - 5.6 In the case of vehicles equipped with disconnectable fittings, all...
  - 5.7 Funicular vehicles and, in so far as the configuration of...
  - 5.8 Where all risk of derailment of the vehicle cannot be...
  - 6. Equipment for users
  - 7. Operability
  - 7.1 Safety
  - 7.1.1 All technical provisions and measures must be taken to ensure...
  - 7.1.2 The persons responsible for operating the installation must be provided...
  - 7.2 Safety in the event of immobilisation of the installation All...
  - 7.3 Other special provisions concerning safety
  - 7.3.1 Operators' stands and workplaces Movable parts which are normally accessible...
  - 7.3.2 Risk of falling Workplaces and working areas, including those used...

### SCHEDULE 3 — (ANNEX III TO THE CABLEWAY INSTALLATIONS DIRECTIVE) — SAFETY ANALYSIS

- SCHEDULE 4 (ANNEX IV TO THE CABLEWAY INSTALLATIONS DIRECTIVE)
  - SAFETY COMPONENTS: EC DECLARATION OF CONFORMITY

# SCHEDULE 5 — (ANNEX V TO THE CABLEWAY INSTALLATIONS DIRECTIVE)

- SAFETY COMPONENTS : ASSESSMENT OF CONFORMITY
- 1. Scope This Annex applies to safety components with a view...
- 2. Procedures The assessment procedures implemented by the notified bodies both...
  - MODULE B: EC TYPE-EXAMINATION
- 1. This module describes that part of the procedure by which...
- 2. The application for EC type-examination must be lodged by the...
- 3. The technical documentation must enable the conformity of the component...
- 4. The notified body:
- 4.1 must examine the technical documentation, verify that the type has...
- 4.2 must perform or have performed the appropriate examinations and necessary...
- 4.3 must perform or have performed the appropriate examinations and necessary...
- 4.4 must agree with the applicant the location where the examinations...
- 5. Where the type meets the provisions of this Directive, the...
- 6. The applicant must inform the notified body that holds the...
- 7. Each notified body must communicate to the other notified bodies...
- 8. The other notified bodies may receive copies of the EC...
- 9. The manufacturer or his authorised representative must keep with the... — MODULE D: PRODUCTION QUALITY ASSURANCE
- 1. This module describes the procedure whereby the manufacturer who satisfies...
- 2. The manufacturer must operate an approved quality system for production,...
- 3. Quality system
- 3.1 The manufacturer must lodge an application for assessment of his...
- 3.2 The quality system must ensure compliance with the type as...
- 3.3 The notified body must assess the quality system to determine...
- 3.4 The manufacturer must undertake to discharge the obligations arising from...
- 4. Surveillance under the responsibility of the notified body
- 4.1 The purpose of surveillance is to make sure that the...
- 4.2 The manufacturer must allow the notified body entrance for inspection...
- 4.3 The notified body must periodically carry out audits to make...
- 4.4 Additionally the notified body may pay unexpected visits to the...
- 5. The manufacturer must, for period ending at least 30 years...
- 6. Each notified body must give the other notified bodies the...
  - MODULE F: PRODUCT VERIFICATION
- 1. This module describes the procedure whereby a manufacturer or his...
- 2. The manufacturer must take all measures necessary in order that...

- 3. The notified body must carry out the appropriate examinations and...
- 4. Verification by examination and testing of every component
- 4.1 All components must be individually examined and appropriate tests as...
- 4.2 The notified body must affix or cause to be affixed,...
- 4.3 The manufacturer or his authorised representative must ensure that he...
- 5. Statistical verification
- 5.1 The manufacturer must present his components in the form of...
- 5.2 All components must be available for verification in the form...
- 5.3 The statistical procedure must use the following elements: a statistical...
- 5.4 In the case of accepted lots, the notified body must...
- 5.5 The manufacturer or his authorised representative must ensure that he... — MODULE G: UNIT VERIFICATION
- 1. This module describes the procedure whereby the manufacturer ensures and...
- 2. The notified body must examine the component and must carry...
- 3. The aim of the technical documentation is to enable conformity... — MODULE H: FULL QUALITY ASSURANCE
- 1. This module describes the procedure whereby a manufacturer who satisfies...
- 2. The manufacturer must operate an approved quality system for design,...
- 3. Quality system
- 3.1 The manufacturer must lodge an application for assessment of his...
- 3.2 The quality system must ensure compliance of the components with...
- 3.3 The notified body must assess the quality system to determine...
- 3.4 The manufacturer must undertake to fulfil the obligations arising from...
- 4. Surveillance under the responsibility of the notified body
- 4.1 The purpose of surveillance is to make sure that the...
- 4.2 The manufacturer must allow the notified body entrance for inspection...
- 4.3 The notified body must periodically carry out audits to make...
- 4.4 Additionally, the notified body may pay unexpected visits to the...
- 5. The manufacturer must, for a period ending at least 30...
- 6. Each notified body must forward to the other notified bodies...
- 7. Supplementary requirements; design examination
- 7.1 The manufacturer must lodge an application for examination of the...
- 7.2 The application must enable the design, manufacture and operation of...
- 7.3 The notified body must examine the application and where the...
- 7.4 The applicant must keep the notified body that issued the...
- 7.5 The notified bodies must forward to the other notified bodies...

#### SCHEDULE 6 — (ANNEX VI TO THE CABLEWAY INSTALLATIONS DIRECTIVE) SUBSYSTEMS: EC DECLARATION OF CONFORMITY

— SUBSYSTEMS: EC DECLARATION OF CONFORMITY

# SCHEDULE 7 — (ANNEX VII TO THE CABLEWAY INSTALLATIONS DIRECTIVE)

## — SUBSYSTEMS : ASSESSMENT OF CONFORMITY

- 1. EC examination is the procedure whereby, at the request of...
- 2. The examination of the subsystem is carried out at each...
- 3. The technical documentation accompanying the examination certificate must comprise the...
- 4. Documentation and correspondence in connection with EC examination procedures must...
- 5. Surveillance

- 5.1 It shall be ensured by means of surveillance that during...
- 5.2 The notified body responsible for EC examination must have permanent...
- 5.3 The notified body responsible for EC examination must periodically carry...
- 5.4 In addition, the notified body may pay unexpected visits to...
- 6. Each notified body must publish periodically the relevant information concerning:...

SCHEDULE 8 — (ANNEX VIII TO THE CABLEWAY INSTALLATIONS DIRECTIVE)

- MINIMUM CRITERIA TO BE TAKEN INTO ACCOUNT BY THE MEMBER STATE FOR THE APPOINTMENT OF NOTIFICATION BODIES
- 1. The notified body, its director and the staff responsible for...
- 2. The notified body and its inspection staff must carry out...
- 3. The notified body must have at its disposal the necessary...
- 4. The staff responsible for inspection must have: sound technical and...
- 5. The impartiality of inspection staff must be guaranteed. Their remuneration...
- 6. The notified body must take out civil liability insurance unless...
- 7. The staff of the body must be bound by professional...

# SCHEDULE 9 — (ANNEX IX TO THE CABLEWAY INSTALLATIONS DIRECTIVE)

#### CE CONFORMITY MARKING

Explanatory Note