

# Inspection

## Safety State of Escalators and Moving Walks



### Description

Escalators and moving walks are regulated by Machinery Directive 2006/42/EC and there are specific standards.

Standard **EN 115** specifies the safety requirements of escalators and moving walks.

Standards **EN 12015** and **12016** specify the EMC requirements both for the emissions and immunity of escalators and moving walks.

Standard **EN 115-2** indicates the rules for improving the safety of existing escalators and moving walks.

**i9s inspects your existing escalators and moving walks** to assess whether any safety improvements are needed. We also inspect EMC conformity and whether they comply with the safety standard in terms of their construction and installations.

### Specifications

The inspections are based on the following standards:

- **EN 115** Safety standard for the construction and installation of escalators and moving walks.
- **EN 12015** Electromagnetic compatibility. Product family standard for lifts, escalators and moving walks Emission.
- **EN 12016** Electromagnetic compatibility. Product family standard for lifts, escalators and moving walks. Immunity.
- **EN 115-2** Safety of escalators and moving walks. Part 2: Rules for the improvement of safety of existing escalators and moving walks.

### Examples

Examples are shown below:

Campos en el perfil de riesgo		Prioridad	Programa
S	Frecuencia		
I II	A, B, C A	Extrema	Inmediato, la escalera mecánica/andén móvil tiene que estar parado
I II III	C-D, D B, C, C-D A, B	Alta	Corto plazo
I II III	D-E D C, C-D	Media	Medio plazo o en el mismo tiempo que una modernización importante
I II III IV	E D-E, E D A, B	Baja	Largo plazo o en el mismo tiempo que una modernización del componente correspondiente
I II III IV	F F D-E, E, F C, C-D, D, D-E, E, F	–	–
Frecuencia (nivel de probabilidad de la situación peligrosa): A Frecuente, B Probable, C Ocasional D Remoto, E Improbable, F Imposible		Severidad (categoría de efecto de la situación peligrosa): I Catastrófico, II Crítico III Marginal, IV Despreciable	

Table A.2 – Priorities and programme of standard EN 115-2



Passenger terminal moving walk, Port of Algeciras

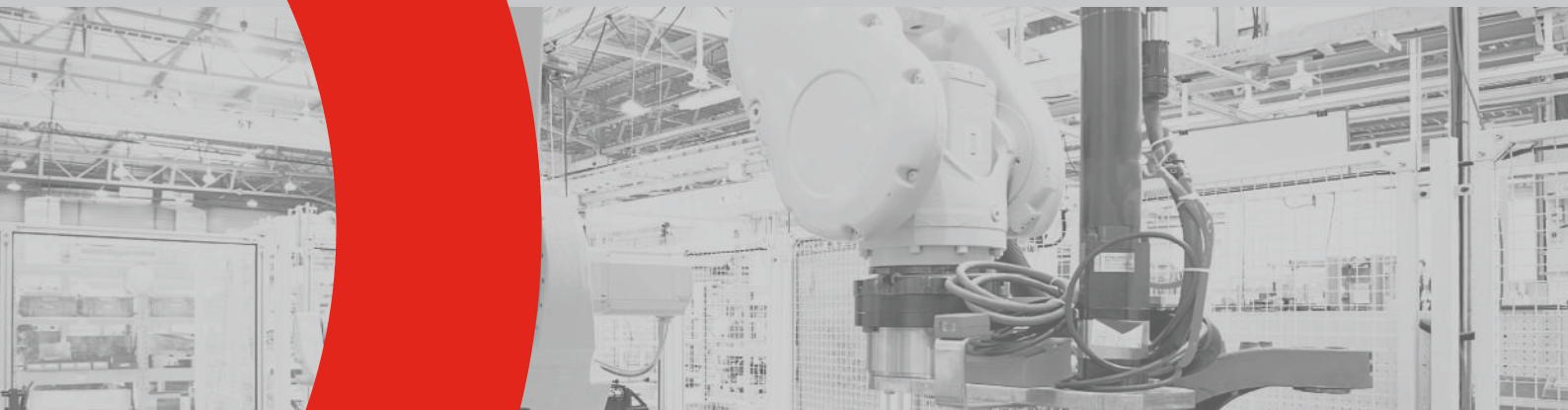
### Scope of the inspection

Specific checklists.

### Documentation

The following is delivered with each inspection:

- A PDF format inspection form.
- A list of possible Non-Conformities found.  
(In Spanish. Other languages on demand.)



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