

EU Directives / Extraction Arms

Links for more information:

ATEX

ATEX – in French atmosphère explosive – is a European directive providing technical requirements to be applied to equipment intended for use in potentially explosive atmospheres with explosive concentrations of dust from wood, aluminium, plastic, flour, sugar or organic materials and vapours from benzene, acetone or batteries.

Extraction arms do not fall within the scope of the ATEX Directive. According to *Guidelines, Annex II*, extraction arms are not comprehended, because they do not have an autonomous function or own source of ignition.

Our antistatic extraction arms in Systems 75 and 100 **comply with 2 standards both supporting the ATEX-directive.** Therefore our arms can be used in ATEX areas 1/21 and 2/22.

Contrary to other brands on the market, the antistatic extraction arms from ALSIDENT® SYSTEM can also be used in ATEX area 0/20 and are therefore labelled EX II 1 GD.

All our antistatic extraction arms have been tested by the Danish Technological Institute. ALSIDENT® SYSTEM is the only supplier to publish the results of the tests, including download from our homepage.

In ATEX areas we recommend brackets made of acid proof stainless steel, which is considered spark free and therefore in compliance with EN1127 5.3 “mechanically generated sparks”

Please note that the end user is liable for making the risk assessment of the entire installation.

EX II 1 GD

[ATEX-Directive 94/9/EC](#)

[Guidelines](#)

ESD

ESD: Electro Static Discharge. **All our antistatic arms in Systems 50, 75 and 100 comply with IEC 61340-5-1 for use in ESD areas.**



[Alsident Test Reports](#)

RoHS

RoHS – the directive on restriction of the Use of Certain Hazardous Substances – is a European directive on restriction of use of hazardous materials in the manufacture of various types of electronic and electrical equipment.

None of our products – including System 10 the airflow alarm – contains any of the hazardous substances lead, cadmium or hexavalent chrom mentioned in the RoHS directive.

We would be happy to provide you with a declaration stating that **our extraction arms do not fall within the scope of the RoHS directive** and do not contain any of the substances mentioned in the directive.

[RoHS Directive 2002/95/EC](#)

WEEE

Waste Electrical and Electronical Equipment – applies to collection, recycling and recovery targets for electrical goods (e-waste). Extraction arms from ALSIDENT® SYSTEM are not considered electrical equipment. **System 10, the airflow alarm is labelled according to the directive.**

We would be happy to provide you with a declaration that **our extraction arms do not fall within the scope of the WEEE-directive.**



[WEEE-Directive 2002/96/EC](#)

CE

The Machinery Directive

Cf. article 2.a, machinery means: “an assembly, fitted with or intended to be fitted with a drive system other than directly applied human or animal effort, consisting of linked parts or components, at least one of which moves, and which are joined together for a specific application”.

The extraction arms from Alsident® System are only moved by hand. Therefore they do not fall within the scope of the directive – and hence **not subject to the CE-marking.**



[Machinery Directive 2006/42/EC](#)

[Guidelines](#)

Personal Protective Equipment Directive

According to article 1.2, personal protective equipment means “any device or appliance designed to be worn or held by an individual for protection against one or more health and safety hazards”. Therefore they do not fall into the scope of the directive – and hence

not subject to the CE-marking.



[Personal Protective Equipment Directive 89/686/EEC](#)

[Guidelines](#)

REACH

REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals) is a European regulation launched June 2007 on the use of chemicals. **None of our products fall within the scope of the REACH regulation.**

[REACH regulation and directive 1907/2006 EC](#)