

EU Directives / Extraction Arms

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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 normally not fall within the scope of the ATEX Directive as they do not have an autonomous function or own source of ignition.

However, Alsident antistatic extraction arms in Systems 75 and 100 comply with applicable standards falling within the scope of the ATEX-directive. Therefore these Alsident arms can be used in ATEX areas 1/21 and 2/22.

Contrary to other brands in 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 EN1127-1 5.3 “mechanically generated sparks”

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

[ATEX Directive 2014/34/EU](#)

EX II 1 GD

ESD

ESD: Electro Static Discharge. **All our antistatic arms in Systems 50, 75 and 100 fall within the scope of IEC 61340-5-1:2016 for use in ESD areas.**

[Find test reports at www.alsident.com](#)



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 our extraction arms do not fall into the scope of the directive – and hence **not subject to the CE-marking.**

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



CE

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 our extraction arms do not fall into the scope of the directive – and hence **not subject to the CE-marking.**

[Directive \(EU\) 2016/425](#)



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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, hexavalent chromium etc. mentioned in the RoHS Directive.

Therefore **our products do not fall into the scope of the RoHS directive** and do not contain any of the substances mentioned in the directive.

[RoHS Directive 2015/863/EU \(RoHS 3\)](#)

WEEE

Waste Electrical and Electronic 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.**

Therefore our extraction arms **do not fall into the scope of the WEEE-directive.**

[WEEE Directive 2012/19/EU \(WEEE\)](#)



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 EU 2022/1149](#)

WFD/ SCIP

SCIP is the database for information on Substances of Concern in articles as such or in complex objects established under the Waste Framework Directive (WFD). **None of our products fall within the scope of the WFD regulation.**

[WFD/SCIP European Chemicals Agency](#)