

Date

Reference

2023-01-24

2023/87

Scope of accreditation

Testing laboratory according to SS-EN ISO/IEC 17025:2018

RISE Research Institutes of Sweden AB

Borås

Accreditation number

1002

Energi och resurser

A002626-040

Functional testing

Combustion technology

<i>Method</i>	<i>Parameter</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>
ASTM 2779-10	Exhaust and particulate emissions		Yes	2	No
ASTM E2515-11	Exhaust and particulate emissions		Yes	2	No
ASTM E2618-13	Exhaust and particulate emissions		Yes	2	No
ASTM E2780-10	Exhaust and particulate emissions		Yes	2	No
CEN/TS 15883	Combustion	Stationary source emissions	Yes	2	No
EN 1	Combustion	Heating elements and oven	Yes	2	No
EN 12809	Combustion	Boilers	Yes	2	No
EN 12815	Combustion	Heating elements and oven	Yes	2	No
EN 13229	Combustion	Heating elements and oven	Yes	2	No
EN 13240	Combustion	Heating elements and oven	Yes	2	No
EN 13842	Combustion	Air heaters	Yes	2	No
EN 15181	Energy consumption	Gas equipment	Yes	2	No
EN 15250	Combustion	Heating elements and oven	Yes	2	No
EN 15502-1	Energy consumption	Boilers	Yes	2	No
EN 16510-1	Combustion	Heating elements and oven	Yes	2	No
EN 30-2-1	Energy consumption	Household appliances	Yes	2	No
EN 303-5	Combustion	Boilers	Yes	2	No
EN 304	Combustion	Boilers	Yes	2	No

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EPA method 28 WHH PTS	Exhaust and particulate emissions		Yes	2	No
Inhouse method; 4160	Combustion	Heating elements and oven	Yes	2	No
Inhouse method; 4280	Combustion	Heating elements and oven	Yes	2	No
Method 28r			Yes	2	No
NS 3058	Combustion	Heating elements and oven	Yes	2	No
prEN 16510-2-1	Combustion	Heating elements and oven	Yes	2	No
prEN 16510-2-2	Combustion	Heating elements and oven	Yes	2	No
prEN 16510-2-3	Combustion	Heating elements and oven	Yes	2	No
prEN 16510-2-6	Combustion	Heating elements and oven	Yes	2	No
SS-EN 14785	Combustion	Heating elements and oven	Yes	2	No
SS-EN 15332	Performance	Boilers	Yes	2	No
UNECE Regulation No. 122	Combustion	Vehicle heaters	Yes	2	No

Functional testing

Cooling technology

<i>Method</i>	<i>Parameter</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>
Annex A - Heat Pump KEYMARK Requirements	Performance	Heat pumps	Yes	2	No
EHPA regulations for granting the international quality label for electrically driven heat pumps	Function	Heat pumps, electric powered	Yes	2	No
EHPA Testing Regulation - Testing of Air/Air Heat Pumps	Capacity	Heat pumps, air / air	Yes	2	No
EHPA Testing Regulation - Testing of Air/Water Heat Pumps	Capacity	Heat pumps, air / water	Yes	2	No

EHPA Testing Regulation – Testing of Direct Exchange Ground Coupled/Water Heat Pumps	Capacity	Heat pumps, direct expansion	Yes	2	No
EHPA Testing Regulation - Testing of Exhaust air /Water Heat Pumps	Capacity	Heat pumps, exhaust air/water	Yes	2	No
EHPA Testing Regulation - Testing of Heat Pumps for Domestic Hot Water Production	Capacity	Heat pumps, hot water preparation	Yes	2	No
EHPA Testing Regulation- Testing of Water (Brine) /Water Heat Pumps	Capacity	Heat pumps, liquid/water	Yes	2	No
EN 12897	Function	Water meters	Yes	2	No
EN 14511-2	Performance	Heat pumps, liquid/water	Yes	2	No
EN 14511-3	Performance	Heat pumps, liquid/water	Yes	2	No
EN 14511-4	Performance	Heat pumps, liquid/water	Yes	2	No
EN 14825	Performance	Heat pumps	Yes	2	No
EN 15879-1	Capacity	Heat pumps, direct expansion	Yes	2	No
EN 16147	Capacity	Heat pumps, hot water preparation	Yes	2	No
EN 16573	Performance	Multifunctional balanced ventilation units VP/FTX	Yes	2	No
EN 50440	Performance	Water heater	Yes	2	No
EN 810	Performance	Dehumidifiers	Yes	2	No
NF-414	Performance	Heat pumps	Yes	2	No

Functional testing

Ventilation Technology

<i>Method</i>	<i>Parameter</i>	<i>Material</i>	<i>Flex</i>	<i>Type of flex</i>	<i>Field</i>
EN 12237	Function	Ventilation ducts	Yes	2	Yes
EN 12238	Function	Air diffusers	Yes	2	No
EN 12589	Function	Air diffusers	Yes	2	No
EN 13053	Function	Air handling units	Yes	2	No
EN 13141-1	Function	Home ventilation	Yes	2	No
EN 13141-2	Function	Home ventilation	Yes	2	No
EN 13141-3	Function	Home ventilation	Yes	2	No
EN 13141-4	Function	Home ventilation	Yes	2	No
EN 13141-5	Function	Home ventilation	Yes	2	No
EN 13141-6	Function	Home ventilation	Yes	2	No
EN 13141-7	Function	Home ventilation	Yes	2	No
EN 13141-8	Function	Home ventilation	Yes	2	No
EN 13180	Function	Ventilation ducts	Yes	2	No
EN 1507	Function	Ventilation ducts	Yes	2	Yes
EN 15727	Function	Ventilation ducts	Yes	2	No
EN 1751	Function	Damper	Yes	2	No
EN 1822-1	Characteristics of filtration	Air filters	Yes	2	No
EN 1822-2	Characteristics of filtration	Air filters	Yes	2	No
EN 1822-3	Characteristics of filtration	Air filters	Yes	2	No
EN 1822-5	Characteristics of filtration	Air filters	Yes	2	No
EN 1886	Function	Air handling units	Yes	2	No
EN 308	Function	Heat exchangers	Yes	2	No
EN 779	Characteristics of filtration	Air filters	Yes	2	No
EN ISO 16890-1	Characteristics of filtration	Air filters	Yes	2	No
EN ISO 16890-2	Characteristics of filtration	Air filters	Yes	2	No
EN ISO 16890-3	Dust holding capacity	Air filters	Yes	2	No
EN ISO 16890-4	Characteristics of filtration	Air filters	Yes	2	No
EN ISO 29463-1	Characteristics of filtration	Air filters	Yes	2	No
EN ISO 29463-2	Characteristics of filtration	Air filters	Yes	2	No

EN ISO 29463-3	Characteristics of filtration	Air filters	Yes	2	No
EN ISO 29463-5	Characteristics of filtration	Air filters	Yes	2	No
EN ISO 5801	Function	Fans	Yes	2	No
Eurovent 4/21	Energy consumption	Air filters	Yes	2	No
IEC 61591	Function	Fans	Yes	2	No
Inhouse method; 1937	Characteristics of filtration	Air filters	Yes	2	No
ISO 29461-1	Characteristics of filtration	Air filters	Yes	2	No

Changes in the scope of accreditation are in bold.

The scope of accreditation is flexible as specified in this decision. The accredited body must always retain a current list of the scope for which it is accredited.

Type of flexible scope

1: - Introduce new version of standard method and make editorial changes to non-standard method

2: - Introduce new version of standard method and make editorial changes to non-standard method - Introduce new version and modifications of non-standard method. The procedure must be equivalent - Introduce new parameter/component/characteristics - Introduce new measurement range - Introduce new material/new products/matrices - Introduce new method equivalent to methods already in the accreditation decision