



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **ALESSA COMPANY LABORATORY**

P.O. BOX 20409, KM 34, KHARJ ROAD  
RIYADH, 11455, KINGDOM OF SAUDI ARABIA

**Testing Laboratory TL-1004**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date June 20, 2023



A handwritten signature in black ink that reads 'Raj Nathan'.

**President**

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

## ALESSA COMPANY LABORATORY

[www.alessa.com.sa](http://www.alessa.com.sa)

**Contact Name** Abdallah Ahmed

**Contact Phone** +966-553356449

*Accredited to ISO/IEC 17025:2017*

*Effective Date June 20, 2023*

AHRI 210/240	Performance Rating of Unitary Air-conditioning & Air-source Heat Pump Equipment (Enthalpy test method)
AHRI 340/360	Performance Rating of Commercial and Industrial Unitary Air-conditioning and Heat Pump Equipment (Enthalpy test method)
AHRI 550/590	Performance Rating of Water-chilling and Heat Pump Water-heating Packages Using the Vapor Compression Cycle
Engineering (148)	General Technical Requirements for Imported Materials (applicable standard ISO 5151 (Enthalpy test method))
ES: 3794	Energy efficiency of household and similar electrical appliances measurement and calculation methods for energy consumption of refrigerators, refrigerator-freezers and freezers (applicable standard EC 62552-1 (cl. 13, 15, 16, 17, 18))
ES: 3795-1	Energy efficiency label requirements for air conditioners. Part 1: room air conditioner (window – split) with fixed capacity & fixed compressor (applicable standard - ISO 5151(Enthalpy test method))
ES: 3795-2	Energy efficiency label requirements for air conditioner. Part 2: variable capacity room air conditioner (window - split) with variable speed compressor, Clause (5) testing methods - conditions of outdoor temperature (applicable standards ISO 5151 (Enthalpy method))
GSO 2530	Energy Labelling And Minimum Energy Performance Requirements For Air-Conditioners (applicable standards GSO ISO 5151 (Enthalpy test method), GSO ISO 13253)
IEC-62552	Household refrigerating appliances - Characteristics and test methods (only cl. 13, 15, 16, 17, 18)
IEC-62552-1	Household refrigerating appliances. Characteristics and test methods. Part 1. General requirements.
IEC-62552-2	Household refrigerating appliances. Characteristics and test methods Part 2. Performance requirements. Only cl. 6, 8, 9, Annex C)
IEC-62552-3	Household refrigerating appliances. Characteristics and test methods. Part 3. Energy consumption and volume
ISO 5151	Non-ducted air conditioners and heat pumps — Testing and rating for performance (Enthalpy test method)

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ISO 13253	Ducted air-conditioners and air-to-air heat pumps — Testing and rating for performance (Enthalpy test method)
Jordanian Technical Regulation JS 2108	Energy efficiency labeling of air conditioners (applicable standard ISO 5151 (Enthalpy test method))
KWS 1893	Energy efficiency labelling and minimum energy performance requirements for dx air-conditioners up to 70,000 Btu/h (applicable standards GSO ISO 5151 (Enthalpy method), GSO ISO 13252)
MEW/R-6/2018	Energy Conservation code for buildings (Appendix A - Approval of A/C Dx unit)
QS 2663	Energy labelling and minimum energy performance requirements for air-conditioners (applicable standards QS ISO:5151 (Enthalpy test method), QS ISO:13253)
SASO 2663	Energy labelling and minimum energy performance requirements for air-conditioners (applicable standards SASO GSO ISO 5151 (Enthalpy test method), SASO GSO ISO 13253, QS ISO:5151 (Enthalpy test method), QS ISO:13253)
SASO 2874	Large capacity air conditioners - performance requirement and methods of testing
SASO 2892	Refrigerators, Refrigerator-Freezers and Freezers - Energy Performance, Testing and Labeling Requirements (applicable standards SASO GSO 1899, SASO IEC 62552)
SASO GSO ISO 5151	Non-ducted air conditioners and heat pumps — Testing and rating for performance (Enthalpy test method)
SASO GSO ISO 13253	Ducted air-conditioners and air-to-air heat pumps — Testing and rating for performance (Enthalpy test method)
TR ENG No. 159	General Technical Requirement for imported products. Household refrigerating appliances (refrigerator, refrigerator-freezer and freezer (applicable standard IEC 62552 - only cl. 13, 15, 16, 17, 18)
UAE.S 5010-1	Labeling - Energy efficiency label for electrical appliances - Part 1: household air conditioners (applicable standard UAE.S ISO 5151(Enthalpy test method))
UAE.S 5010-3	Labeling - Energy Efficiency Label for Electrical Appliances - Part 3: Household Refrigerating Appliances (applicable standard UAE.S IEC 62552, cl. 13, 15, 16, 17, 18)
UAE.S 5010-5	Labeling – Energy efficiency label for electrical appliances - Part 5: commercial and central Air conditioners (applicable standards UAE.S ISO 13253, UAE.S AHRI 550/590, UAE.S ISO 16358-2013/Amd.1: 2019)
UAE.S AHRI 550/590	Performance Rating of Water-chilling and Heat Pump Water-heating Packages Using the Vapor Compression Cycle
UAE.S IEC 62552	Household refrigerating appliances - Characteristics and test methods (only cl. 13, 15, 16, 17, 18)

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