Introducing the new requirements and enforcement timeline of SASO 2874:2025 & SASO2663: 2025 Standards for Air Conditioners

المواصفات السعودية
Saudi Standards

كفاءة
المركز السعودي لكفاءة الطاقة
Saudi Energy Efficiency Center

Disclaimer

- **This following section is an overview of:**
  - **SASO 2663 Standard** “Air Conditioners Minimum Energy Performance, Labelling And Testing Requirements For Low-capacity Window And Single-split Types”
  - **SASO 2874 Standard** “Large Capacity Air Conditioners –Performance Requirements And Methods Of Testing”.

This document and all presented information shall not be considered as the official reference, where the official standard can be found in Saudi Standards, Metrology and Quality Organization (SASO) portal (Link).

Agenda

- SASO 2663:2025 standard requirements
- SASO 2874:2025 standard requirements
- Laboratories Registration process
- Energy Efficiency Certification
- Procedures for Registering Conformity Certificates & Issuing Shipment Certificates in Saber Platform
- Enforcement timeline
- Key questions and takeaways
- Panel discussion

Minimum Energy Performance Standard (MEPS) requirements

This standard is updated to:

- Update the Minimum Energy Performance Standard (MEPS) requirements for the Rated Energy Efficiency Ratio (EER).
- Introducing Minimum Energy Performance Standard (MEPS) requirements for the Seasonal Energy Efficiency Ratio (SEER).

Air conditioner appliance type	Compressor stages	Sub-Type	Rated Cooling Capacity (CC) categories at test condition (T1) in Btu/h (or W)	EER Values (Btu/W.h)		SEER Value (Btu/W.h)
				T1	T3	
Single package of Window type	All	All	CC ≤ 24,000 (7,020W)	9.80	7.20	8.50
			24,000 (7,020W) < CC≤ 65,000 (19,050 W)	9.00	6.40	7.80
Split type using air-cooled condensers, heat pumps using air cooled condensers	Fixed Capacity	Ducted	CC ≤ 65,000 (19,050 W)	11.80	8.40	10.10
		Non-ducted			8.50	10.30
	Two-stage, Multi-stage and Variable Capacity	Ducted			8.40	12.80
		Non-ducted			8.50	

All requirements outlined in SASO 2663:2025 shall supersede previous SASO2663:2021 and SASO 2663:2021/AMD1:2023 standards

Agenda

- SASO 2663:2025 standard requirements
- SASO 2874:2025 standard requirements
- Laboratories Registration process
- Energy Efficiency Certification
- Procedures for Registering Conformity Certificates & Issuing Shipment Certificates in Saber Platform
- Enforcement timeline
- Key questions and takeaways
- Panel discussion

Introduction

This standard is updated to:

- **Update the Energy Efficiency Ratio (EER) Minimum Energy Performance Standard (MEPS) requirements**, based on the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE 90.1-2022) values.
- **Introduce partial load rating metrics:**
  - **Seasonal Energy Efficiency Ratio (SEER)** metric, based on the International Organization for Standardization (ISO) reference standard.
  - **Seasonal Energy Efficiency Ratio in active mode (SEERon)** metric, based on the European Standard (EN) reference standard.
  - **Integrated Energy Efficiency Ratio (IEER)** based on the Air-Conditioning, Heating, and Refrigeration Institute (AHRI) reference standards.
  - **Integrated Part Load Value (IPLV)** based on the Air-Conditioning, Heating, and Refrigeration Institute (AHRI) reference standards.
- **Change Close control air conditioners and condensing units serving computer rooms type to Floor-Mounted air conditioners and condensing units serving computer room and Ceiling-mounted computer room air conditioner**

All requirements outlined in SASO 2874:2025 shall supersede previous SASO2874:2016 standard

Scope Coverage

Scope Coverage

- Electrically operated air conditioners and heat pump.
- Condensing units.
- Chillers.
- Absorption chillers.
- Electrically operated variable refrigerant flow (VRF) air conditioners and applied heat pump.
- Ceiling-mounted, Floor-Mounted air conditioners and condensing units serving computer rooms.

Exclusions

- Air conditioners not specified in under the scope coverage clause.
- Single Package Vertical Air-conditioner (SPVAC)
- Direct Expansion-Dedicated Outdoor Air System (DX-DOAS) Units
- Portable (mobile) Air conditioners
- Process Cooling Chiller
- Desert Cooler
- Explosion proof air conditioner
- Swimming pool air conditioner
- Air conditioners that are covered under the scope SASO 2663:2025 standard

Reference Standards

- **AHRI 340/360:2022**: “Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment”.
- **AHRI 365:2009**: “Commercial and Industrial Unitary Air-Conditioning Condensing Units”.
- **AHRI 550/590:2023**: “Performance Rating of Water-Chilling and Heat Pump Water-Heating Packages Using the Vapor Compression Cycle”.
- **AHRI 560:2023**: “Performance Rating of Water-cooled Lithium Bromide Absorption Water-chilling and Water-heating Packages”.
- **AHRI 1230:2023**: “Performance Rating of Variable Refrigerant Flow (VRF) Multi-Split Air-Conditioning and Heat Pump Equipment”.
- **AHRI 1360:2022**: “Performance Rating of Computer and Data Processing Room Air Conditioners”.
- **ASHRAE 90.1:2022**: “Energy standard for Buildings Except Low-Rise Residential Buildings”.
- **EN 14511:2022**: “Air conditioners, liquid chilling packages and heat pumps for space heating and cooling and process chillers, with electrically driven compressors”.
- **EN 14825:2022**: “Air conditioners, liquid chilling packages and heat pumps, with electrically driven compressors, for space heating and cooling, commercial and process cooling - Testing and rating at part load conditions and calculation of seasonal performance”.
- **SASO GSO 1899**: “GCC Standard Voltages and Frequencies for Alternating Current Distribution Systems”.
- **SASO ISO 15042:2017**: “Multiple split-system air conditioners and air to air heat pumps – Testing and rating for performance“.
- **SASO 2663**: “Air conditioners minimum energy performance, labelling and testing requirements for low-capacity window type and single-split”.
- **SASO ISO 5151**: “Non-ducted air conditioners and heat pumps — Testing and rating for performance “.
- **SASO ISO 13253**: “Ducted air-conditioners and air to air heat pumps – Testing and rating for performance“.

Minimum Energy Performance Standard (MEPS) requirements

Electrically operated unitary air conditioners[1]

			Reference Testing Standard	
			Option 1	Option 2
			AHRI 340/360	SASO ISO 5151/ SASO ISO 13253
	Rated cooling capacity (Btu/h) (kW)	MEPS Rated EER (Btu/W.h)	Partial Load Rating	
Air conditioners, air cooled	≤ 65,000 (19)	11.2	N/A	SEER
	> 65,000 (19) and < 135,000 (40)	11.2	IEER	SEER
	≥ 135,000 (40) and < 240,000 (70)	11.0		
	≥ 240,000 (70) and < 760,000 (223)	10.0		
	≥ 760,000 (223)	9.7		
Air conditioners, water cooled	≤ 65,000 (19)	12.1	IEER	N/A
	> 65,000 (19) and < 135,000 (40)	12.1		
	≥ 135,000 (40) and < 240,000 (70)	12.5		
	≥ 240,000 (70) and < 760,000 (223)	12.4		
	≥ 760,000 (223)	12.2		
Air conditioners, evaporatively cooled	≤ 65,000 (19)	12.1	IEER	
	> 65,000 (19) and < 135,000 (40)	12.1		
	≥ 135,000 (40) and < 240,000 (70)	12.0		
	≥ 240,000 (70) and < 760,000 (223)	11.9		
	≥ 760,000 (223)	11.7		

[1] Values apply when the unit has no heating section or when the heating section is electrical resistance type, for all other type deduct 0.2 from the MEPS values

Minimum Energy Performance Standard (MEPS) requirements

Unitary air-cooled heat pump[1]

	Rated cooling capacity (Btu/h) (kW)	MEPS Rated EER (Btu/W.h)	Reference Testing Standards	
			Option 1	Option 2
			AHRI 340/360	SASO ISO 5151/ SASO ISO 13253
			Partial Load Rating	
Air conditioners, air cooled (cooling mode)	≤ 65,000 (19)	11.0	N/A	SEER
	> 65,000 (19) and < 135,000 (40)	11.0	IEER	SEER
	≥ 135,000 (40) and < 240,000 (70)	10.6		
	≥ 240,000 (70)	9.5		

Condensing units

	Rated cooling capacity (Btu/h) (kW)	Reference Testing Standard	MEPS Rated EER (Btu/W.h)	Partial load rating
Condensing units, air cooled	≥ 135,000 (40)	AHRI 365	10.5	IEER
Condensing units, water cooled			13.5	
Condensing units, evaporatively cooled			13.5	

[1] Values apply when the unit has no heating section or when the heating section is electrical resistance type, for all other type deduct 0.2 from the MEPS values

Minimum Energy Performance Standard (MEPS) requirements

Chillers

	Rated cooling capacity (Btu/h) (kW)	MEPS Rated EER (Btu/W.h)	Reference Testing Standards	
			Option 1	Option 2
			AHRI 550/590	EN 14511/ EN 14825
			Partial Load Rating	
Air-cooled chillers	< 1,800,000 (528)	9.7	IPLV	SEERon
	≥ 1,800,000 (528)	9.7		
Water-cooled electrically operated, positive displacement	< 900,000 (264)	15.4		
	≥ 900,000 (264) and < 1,800,000 (528)	16.0		
	≥ 1,800,000 (528) and < 3,600,000 (1,055)	17.7		
	≥ 3,600,000 (1,055) and < 7,200,000 (2,110)	19.2		
	≥ 7,200,000 (2,110)	20.5		
Water-cooled electrically operated, centrifugal[1]	< 1,800,000 (528)	17.3		
	≥ 1,800,000 (528) and < 3,600,000 (1,055)	18.9		
	≥ 3,600,000 (1,055) and < 4,800,000 (1,407)	20.2		
	≥ 4,800,000 (1,407) and < 7,200,000 (2,110)	20.5		
	≥ 7,200,000 (2,110)	20.5		

1Use of the Kadj factor expressed in ASHRAE 90.1 Clause 6.4.1.2.1 is allowed for determination of the rated EER at T1 conditions.

Minimum Energy Performance Standard (MEPS) requirements

Absorption chillers

	Rated cooling capacity (Btu/h)	Reference Testing Standard	MEPS Rated EER (Btu/W.h)	Partial load rating
Water-cooled absorption, single effect	All capacities	AHRI 560	2.0	N/A
Absorption double effect, indirect fired	All capacities		3.4	IPLV
Absorption double effect, direct fired	All capacities		3.4	

Minimum Energy Performance Standard (MEPS) requirements

Electrically operated variable-refrigerant-flow (VRF) and applied heat pumps

		Reference Testing Standards			
		Option 1		Option 2	
		AHRI 1230		ISO 15042	
	Rated cooling capacity (Btu/h) (kW)	MEPS Rated EER (Btu/W.h)	Partial load Rating	MEPS Rated EER (Btu/W.h)	Partial load Rating
VRF multi split air conditioners, air cooled	≤ 65,000 (19)	N/A		11.2	SEER
	> 65,000 (19.00) and ≤ 135,000 (40)	10.5	IEER	11.2	SEER
	> 135,000 (40) and ≤ 240,000 (70)	10.3		11.0	
	> 240,000 (70)	9.5		10.0	
VRF multi split air conditioners, heat pumps	≤ 65,000 (19)	N/A		11.2	SEER
	> 65,000 (19) and ≤ 135,000 (40)	10.3	IEER	11.0	SEER
	> 135,000 (40) and ≤ 240,000 (70)	9.9		10.6	
	> 240,000 (70)	9.1		9.5	
VRF multi split air conditioners, water cooled	≤ 65,000 (19)	12.0	IEER	N/A	
	> 65,000 (19) and ≤ 135,000 (40)	12.0			
	> 135,000 (40) and ≤ 240,000 (70)	10.0			
	> 240,000 (70)	10.0			

Minimum Energy Performance Standard (MEPS) requirements

Floor-mounted air conditioner and condensing units serving computer room

	Standard Model	Net Sensible Cooling Capacity (Btu/h)	MEPS Rated NsensCOP (W/W)	Rating Conditions Return Air (dry-bulb/dew-point)	Testing method
Air cooled	Downflow	< 80,000 (23)	2.70	29.5°C /11 °C (Class 2)	AHRI 1360
		≥ 80,000 (23) and < 295,000 (86)	2.58		
		≥ 295,000 (86)	2.36		
	Upflow-ducted	< 80,000 (23)	2.67		
		≥ 80,000 (23) and < 295,000 (86)	2.55		
		≥ 295,000 (86)	2.33		
	Upflow-nonducted	< 65,000 (19)	2.16	24 °C /11 °C (Class 1)	
		≥ 65,000 (19) and < 240,000 (70)	2.04		
		≥ 240,000 (70)	1.89		
	Horizontal	< 65,000 (19)	2.65	35 °C / 11 °C (Class 3)	
		≥ 65,000 (19) and < 240,000 (70)	2.55		
		≥ 240,000 (70)	2.47		
Air cooled with fluid economizer	Downflow	< 80,000 (23)	2.70	29.5 °C /11 °C (Class 2)	
		≥ 80,000 (23) and < 295,000 (86)	2.58		
		≥ 295,000 (86)	2.36		
	Upflow-ducted	< 80,000 (23)	2.67		
		≥ 80,000 (23) and < 295,000 (86)	2.55		
		≥ 295,000 (86)	2.33		
	Upflow-nonducted	< 65,000 (19)	2.09	24 °C /11 °C (Class 1)	
		≥ 65,000 (19) and < 240,000 (70)	1.99		
		≥ 240,000 (70)	1.81		
	Horizontal	< 65,000 (19)	2.65	35 °C / 11 vC (Class 3)	
		≥ 65,000 (19) and < 240,000 (70)	2.55		
		≥ 240,000 (70)	2.47		

	Standard Model	Net Sensible Cooling Capacity (Btu/h)	MEPS Rated NsensCOP (W/W)	Rating Conditions Return Air (dry-bulb/dew-point)	Testing method
Water cooled	Downflow	< 80,000 (23)	2.82	29.5 °C /11 °C (Class 2)	AHRI 1360
		≥ 80,000 (23) and < 295,000 (86)	2.73		
		≥ 295,000 (86)	2.67		
	Upflow-ducted	< 80,000 (23)	2.79		
		≥ 80,000 (23) and < 295,000 (86)	2.70		
		≥ 295,000 (86)	2.64		
	Upflow-nonducted	< 65,000 (19)	2.43	24 °C /11 °C (Class 1)	
		≥ 65,000 (19) and < 240,000 (70)	2.32		
		≥ 240,000 (70)	2.20		
	Horizontal	< 65,000 (19)	2.79	35 °C / 11 °C (Class 3)	
		≥ 65,000 (19) and < 240,000 (70	2.68		
		≥ 240,000 (70)	2.6		
Water cooled with fluid economizer	Downflow	< 80,000 (23)	2.77	29.5 °C /11 °C (Class 2)	
		≥ 80,000 (23) and < 295,000 (86)	2.68		
		≥ 295,000 (86)	2.61		
	Upflow-ducted	< 80,000 (23)	2.74		
		≥ 80,000 (23) and < 295,000 (86)	2.65		
		≥ 295,000 (86)	2.58		
	Upflow-nonducted	< 65,000 (19)	2.35	24 °C /11 °C (Class 1)	
		≥ 65,000 (19) and < 240,000 (70)	2.24		
		≥ 240,000 (70)	2.12		
	Horizontal	< 65,000 (19)	2.71	35 °C / 11 °C (Class 3)	
		≥ 65,000 (19) and < 240,000 (70)	2.60		
		≥ 240,000 (70)	2.54		

	Standard Model	Net Sensible Cooling Capacity (Btu/h)	MEPS Rated NsensCOP (W/W)	Rating Conditions Return Air (dry-bulb/dew-point)	Testing method
Glycol cooled	Downflow	< 80,000 (23)	2.56	29.5 °C /11 °C (Class 2)	AHRI 1360
		≥ 80,000 (23) and < 295,000 (86)	2.24		
		≥ 295,000 (86)	2.21		
	Upflow-ducted	< 80,000 (23)	2.53		
		≥ 80,000 (23) and < 295,000 (86)	2.21		
		≥ 295,000 (86)	2.18		
	Upflow-nonducted	< 65,000 (19)	2.08	24 °C /11 °C (Class 1)	
		≥ 65,000 (19) and < 240,000 (70)	1.90		
		≥ 240,000 (70)	1.81		
	Horizontal	< 65,000 (19)	2.48	35 °C / 11 °C (Class 3)	
		≥ 65,000 (19) and < 240,000 (70)	2.18		
		≥ 240,000 (70)	2.18		
Glycol cooled with fluid economizer	Downflow	< 80,000 (23)	2.51	29.5 °C /11 °C (Class 2)	
		≥ 80,000 (23) and < 295,000 (86)	2.19		
		≥ 295,000 (86)	2.15		
	Upflow-ducted	< 80,000 (23)	2.48		
		≥ 80,000 (23) and < 295,000 (86)	2.16		
		≥ 295,000 (86)	2.12		
	Upflow-nonducted	< 65,000 (19)	2.00	24 °C /11 °C (Class 1)	
		≥ 65,000 (19) and < 240,000 (70)	1.82		
		≥ 240,000 (70)	1.73		
	Horizontal	< 65,000 (19)	2.44	35 °C / 11 °C (Class 3)	
		≥ 65,000 (19) and < 240,000 (70)	2.10		
		≥ 240,000 (70)	2.10		

Minimum Energy Performance Standard (MEPS) requirements

Ceiling-mounted computer room air conditioner

	Standard Model	Net Sensible Cooling Capacity (Btu/h)	MEPS Rated NsensCOP (W/W)	Rating Conditions Return Air (dry-bulb/dew-point)	Testing method
Air cooled with fresh air discharge condenser	Ducted	< 29,000 (8)	2.05	24 °C /11 °C (Class 1)	AHRI 1360
		≥ 29,000 (8) and < 65,000 (19)	2.02		
		≥ 65,000 (19)	1.92		
	Nonducted	< 29,000 (8)	2.08		
		≥ 29,000 (8) and < 65,000 (19)	2.05		
		≥ 65,000 (19)	1.94		
Air cooled with free air discharge condenser with fluid economizer	Ducted	< 29,000 (8)	2.01	24 °C /11 °C (Class 1)	
		≥ 29,000 (8) and < 65,000 (19)	1.97		
		≥ 65,000 (19)	1.87		
	Nonducted	< 29,000 (8)	2.04		
		≥ 29,000 (8) and < 65,000 (19)	2.00		
		≥ 65,000 (19)	1.89		
Air cooled with ducted condenser	Ducted	< 29,000 (8)	1.86	24 °C /11 °C (Class 1)	
		≥ 29,000 (8) and < 65,000 (19)	1.83		
		≥ 65,000 (19)	1.73		
	Nonducted	< 29,000 (8)	1.89		
		≥ 29,000 (8) and < 65,000 (19)	1.86		
		≥ 65,000 (19)	1.75		
Air cooled with fluid economizer and ducted condenser	Ducted	< 29,000 (8)	1.82	24 °C /11 °C (Class 1)	
		≥ 29,000 (8) and < 65,000 (19)	1.78		
		≥ 65,000 (19)	1.68		
	Nonducted	< 29,000 (8)	1.85		
		≥ 29,000 (8) and < 65,000 (19)	1.81		
		≥ 65,000 (19)	1.70		

	Standard Model	Net Sensible Cooling Capacity (Btu/h)	MEPS Rated NsensCOP (W/W)	Rating Conditions Return Air (dry-bulb/dew-point)	Testing method
Water cooled	Ducted	< 29,000 (8)	2.38	24 °C /11 °C (Class 1)	AHRI 1360
		≥ 29,000 (8) and < 65,000 (19)	2.28		
		≥ 65,000 (19)	2.18		
	Nonducted	< 29,000 (8)	2.41		
		≥ 29,000 (8) and < 65,000 (19)	2.31		
		≥ 65,000 (19)	2.20		
Water cooled with fluid economizer	Ducted	< 29,000 (8)	2.33	24 °C /11 °C (Class 1)	
		≥ 29,000 (8) and < 65,000 (19)	2.23		
		≥ 65,000 (19)	2.13		
	Nonducted	< 29,000 (8)	2.36		
		≥ 29,000 (8) and < 65,000 (19)	2.26		
		≥ 65,000 (19)	2.16		
Glycol cooled	Ducted	< 29,000 (8)	1.97	24 °C /11 °C (Class 1)	
		≥ 29,000 (8) and < 65,000 (19)	1.93		
		≥ 65,000 (19)	1.78		
	Nonducted	< 29,000 (8)	2.00		
		≥ 29,000 (8) and < 65,000 (19)	1.89		
		≥ 65,000 (19)	1.81		
Glycol cooled with fluid economizer	Ducted	< 29,000 (8)	1.92	24 °C /11 °C (Class 1)	
		≥ 29,000 (8) and < 65,000 (19)	1.88		
		≥ 65,000 (19)	1.73		
	Nonducted	< 29,000 (8)	1.95		
		≥ 29,000 (8) and < 65,000 (19)	1.93		
		≥ 65,000 (19)	1.76		

Criteria For Acceptability Of Products at Registration And Market Surveillance

- Tested power..... ≤ 1.05 x rated power.
- Tested cooling capacity .....≥ 0.95 x rated cooling capacity.
- Tested EER (or NsensCOP) ..... ≥ MEPS.
- Tested EER (or NsensCOP) ..... ≥ 0.95 x rated EER (or Rated NsensCOP)
- Tested IEER .....≥ 0.90 x rated IEER
- Tested IPLV .....≥ 0.90 x rated IPLV
- Tested SEER .....≥ 0.90 x rated SEER
- Tested SEERon .....≥ 0.90 x rated SEERon
- Tested voltage according to clause 4.1
- Tested Frequency according to clause 4.1

Agenda

- SASO 2663:2025 standard requirements
- SASO 2874:2025 standard requirements
- Laboratories Registration process
- Energy Efficiency Certification
- Procedures for Registering Conformity Certificates & Issuing Shipment Certificates in Saber Platform
- Enforcement timeline
- Key questions and takeaways
- Panel discussion

Main Registration Requirements

The main registration requirements:

- Filling SASO body registration form of energy efficiency laboratory activity and attach all required documents in this form.
- Proof of accreditation for the energy efficiency laboratory activity from the Saudi accreditation center (SAC) for national LABs, or any accreditation center that has membership in ILAC international organization.
- Provide a commercial registration of the laboratory which mentions the business activity (Testing) .
- Provide a professional insurance policy which covers all lab activities.
- Proof of technical competence by providing laboratory personnel qualifications.
- Paying the cost of the request, which is 10,000 Saudi Riyals for each Standard.

Registration process

1 Applying for The Service Through SASO Acceptance Gate

The laboratory applies for the service by applying new request Through **SASO Acceptance Gate**.

بوابة القبول
المواصفات السعودية
SASO Notification Gate

2 Studying The Request

SASO's technician studies the request to ensure that all requirements are met.

3 Cost Payment

The laboratory pays the costs of the request, which is **10,000** Saudi riyals for each Standard.

4 Issuing Registration Documents

SASO will issue the registration certification of laboratory and the laboratory will download the certificate through SASO acceptance gate.

For any inquiry you can contact us through notification department email q.cab_reg@saso.gov.sa

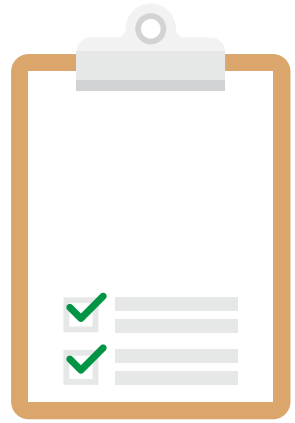
Agenda

- SASO 2663:2025 standard requirements
- SASO 2874:2025 standard requirements
- Laboratories Registration process
- Energy Efficiency Certification
- Procedures for Registering Conformity Certificates & Issuing Shipment Certificates in Saber Platform
- Enforcement timeline
- Key questions and takeaways
- Panel discussion

Energy Efficiency Certificate & Label Certification requirements

The Technical File

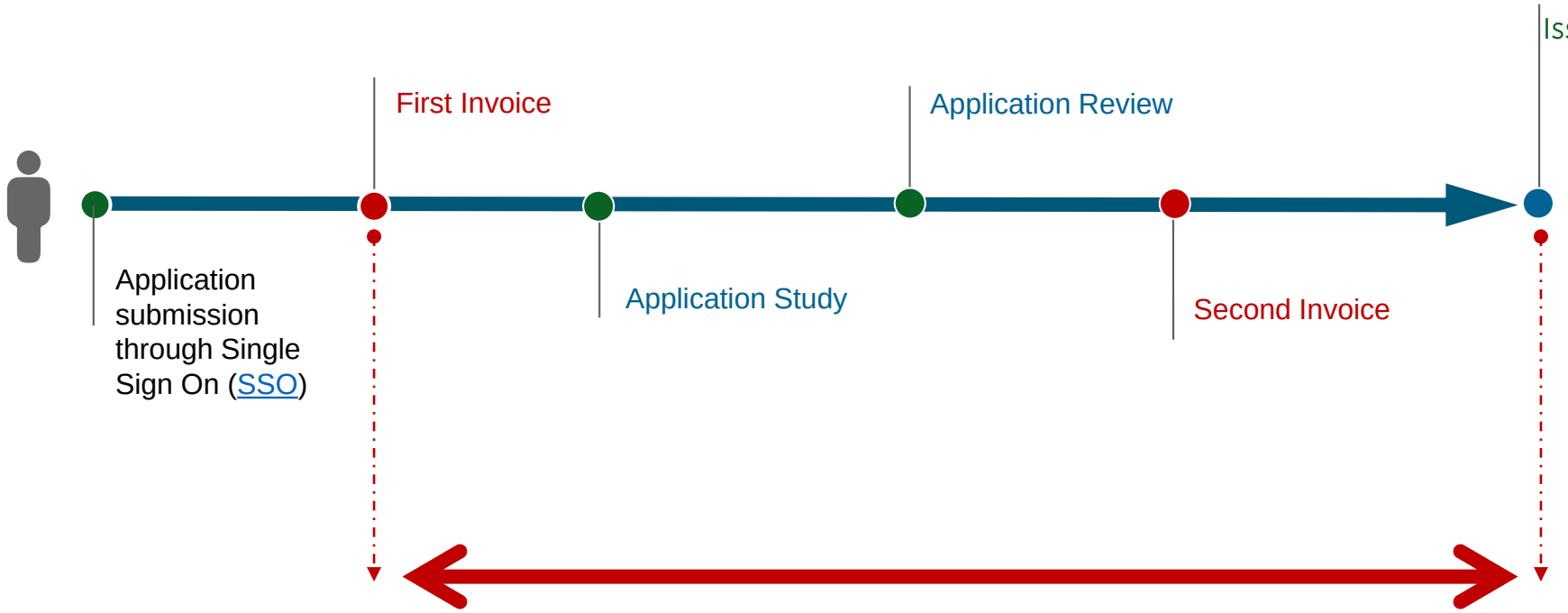
- Test Report issued by SASO accepted laboratory (3 years Validity from issue date)
- Instruction sheet
- Marking information on name plate
- Model image
- Filling the electronic application form

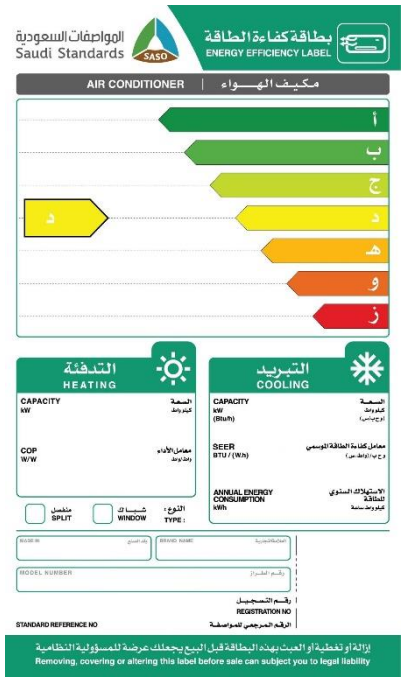


Other

- Declaration of Conformity from manufacture
- Declaration of Conformity from importer

Energy Efficiency Certificate & Label Certification Process





Certification process takes a maximum of 7 work days, starting from the first invoice payment date (if application is complete).

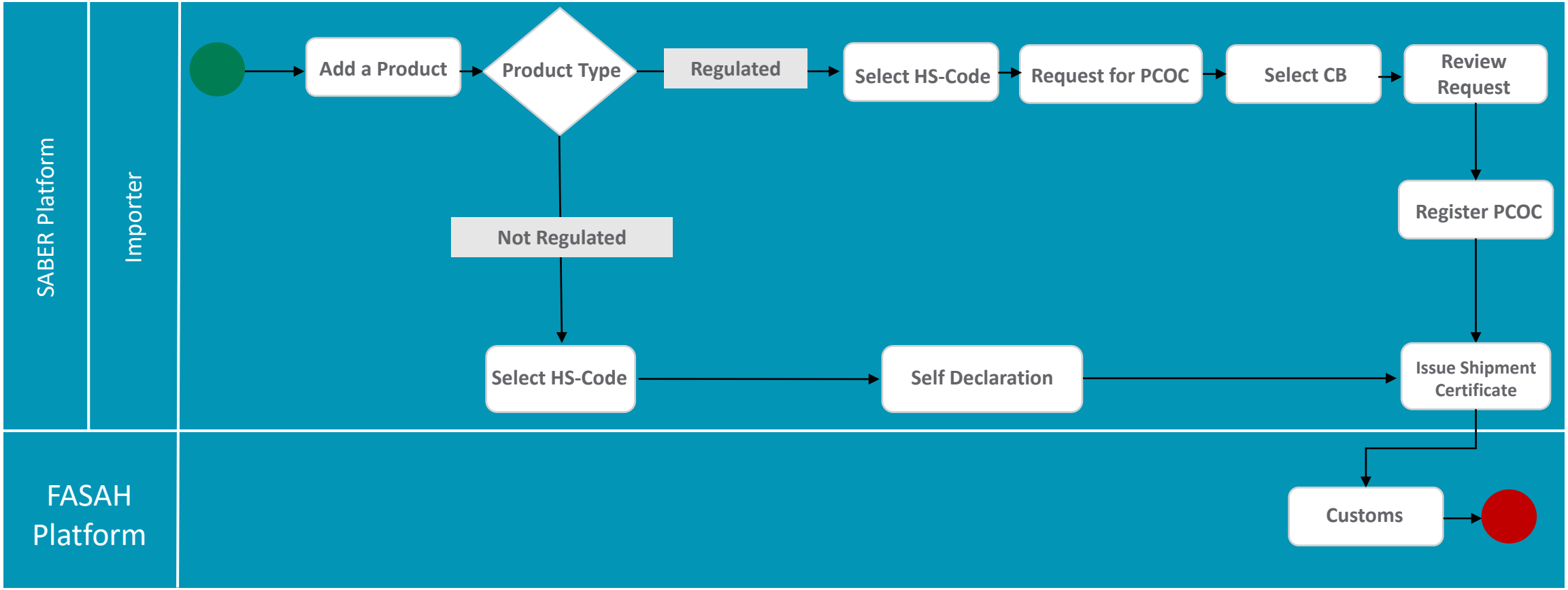
Agenda

- SASO 2663:2025 standard requirements
- SASO 2874:2025 standard requirements
- Laboratories Registration process
- Energy Efficiency Certification
- Procedures for Registering Conformity Certificates & Issuing Shipment Certificates in Saber Platform
- Enforcement timeline
- Key questions and takeaways
- Panel discussion

Saber Platform Services for Commercial goods

1. Product Registration
2. Registration a product certificate of conformity
3. Shipment Certificate
4. Self-declaration

Saber Platform Procedures for Commercial goods



Agenda

- SASO 2663:2025 standard requirements
- SASO 2874:2025 standard requirements
- Laboratories Registration process
- Energy Efficiency Certification
- Procedures for Registering Conformity Certificates & Issuing Shipment Certificates in Saber Platform
- Enforcement timeline
- Key questions and takeaways
- Panel discussion

Enforcement Plan for Updated Small and Large ACs Standards

1 — 21 Mar 2024
- A workshop with manufacturers, importers and stakeholders to present the draft SASO 2874 standards and take comments on it

2 — 23 Mar 2025
- Approval of the update to the standard at the Board of directors meeting of SASO.

3 — 23 May 2025
- Publication of the standard update in the Official Gazette (Umm Al-Qura)

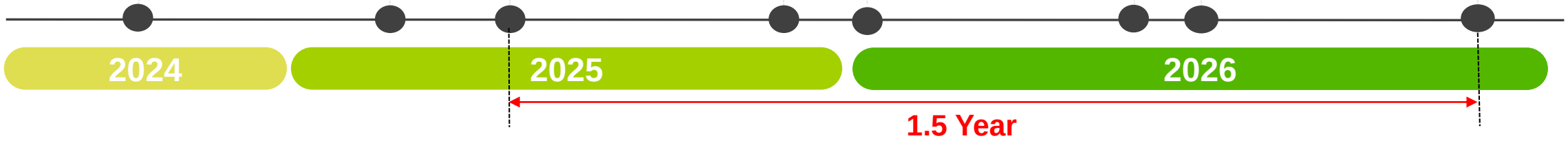
4 — 18 Sep 2025
- A workshop to present the SASO 2874 and SASO 2663 standards and enforcement date
- Latest expiration date for newly issued certificates under previous version of the standards to be **29 Nov 2026.**

5 — Mar 2026 (expected)
- Launching the updated Large AC energy efficiency certification system according to updated standards

6 — 31 Aug 2026
- Stopping the issuance of the Energy Efficiency and SABER certificates in accordance with the previous version of the standard

7 — 29 Nov 2026
- Cancellation of Energy Efficiency certificates issued for the previous version of the standards

8 — 1 Dec 2026
- **Enforcement at local manufacturers and customs**



As for the products already in Saudi Market, products will remain valid according to the licenses and certificates previously issued.

Agenda

- SASO 2663:2025 standard requirements
- SASO 2874:2025 standard requirements
- Enforcement timeline
- Laboratories Registration process
- Energy Efficiency Certification
- Procedures for Registering Conformity Certificates & Issuing Shipment Certificates in Saber Platform
- Key questions and takeaways
- Panel discussion

Key questions and takeaways

Key Questions

1. What should **Large AC applicants** consider during this time until Mar 2026 (Start of updated EE certification)?
2. If I already have a valid EE test report issued under SASO 2663:2021, do I need to re-test the product?
3. If a small AC EE certification application (SASO 2663) is submitted after **December 1, 2025**, and meets the new standard requirements, will the **certificate expire** on **November 29, 2026**?
4. When does the enforcement starts?
5. What about enforcement at the Market. Will there be a setting enforcement date?
6. Are all energy efficiency certificates issued for **previous version** of the standards going to be cancelled by 29 Nov 2026, regardless of the remaining validity ?
7. Are there any fees for **updating requests** to update the valid laboratory registration standard version from SASO 2663:2021 and SASO 2874:2016 to SASO 2663:2025 and SASO 2874:2025?

Answers

1. They should test their products according to the new standard and prepare all EE certification requirements in advance.
2. No. **Valid** EE test reports, issued under SASO 2663:2021 and fulfilling all SASO 2663:2025 requirements, will be accepted.
3. No. If the product fulfils all SASO 2663:2025 requirements, a label and a full-validity certificate will be issued under the **2025 standard**.
4. The enforcement begins on [1st December 2026] at local manufacturers and customs only.
5. No, there will be no enforcement date at market. However, products that manufactured or imported after [1st December 2026] will be subjected to legal action.
6. Yes.
7. No. Fees are only for new, renew and scope expansion requests.

Key questions and takeaways

Key Questions

8. What about products already in the market before the enforcement date? Will there be a grace period to sell existing products?
9. How will shipments that shipped before the enforcement Dec 1st, 2026 , but arriving afterward, be treated?
10. How will market surveillance and enforcement take place?
11. When will the energy efficiency certification system be launched?
12. How long the Energy Efficiency and SABER certificates remain valid?
13. Is there a document that covers all Energy Efficiency certification requirements?

Answers

8. As for products already in Saudi Market, Products will remain valid according to the licenses and certificates previously provided.
9. All certificates (i.e. SABER and EE) will be cancelled on 29 Nov, 2026, and it is responsibility on manufacturers and importers to ensure shipment arrive before 29 Nov 2026.
10. Inspections will be carried out at customs and within local manufacturers to ensure compliance.
11. Expected on March 2026 will be the Launching of the updated Large AC energy efficiency certification system according to updated standards.
12. a) If it issued previous version of the standards, it will be valid until November 29, 2026.
    b) If it issued for the new version of the standards, it will be considered valid until the expiration date.
13. Yes, a certification scheme that provides all information applicants need for certification, and it will be published soon on SASO website.

Agenda

- SASO 2663:2025 standard requirements
- SASO 2874:2025 standard requirements
- Enforcement timeline
- Laboratories Registration process
- Energy Efficiency Certification
- Procedures for Registering Conformity Certificates & Issuing Shipment Certificates in Saber Platform
- Key questions and takeaways
- Panel discussion

Thank You.

@SASOGOV

www.saso.gov.sa

8001160000