



SESKO

Polttokennojen standardointi

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IEC TC 105 Fuel cell technologies

To prepare international standards regarding fuel cell (FC) technologies for all FC types and various associated applications such as stationary FC power systems for distributed power generators and combined heat and power systems, FCs for transportation such as propulsion systems (see note below), range extenders, auxiliary power units, portable FC power systems, micro FC power systems, reverse operating FC power systems, and general electrochemical flow systems and processes.

#Safety #Performance #Installation #ReverseMode #Interchangeability #PtP

Basics for fuel cell standardization

Fuel cell modules - Safety

IEC 62282-2-100:2020 Fuel cell technologies - Part 2-100: Fuel cell modules - Safety

Stationary fuel cell power systems

IEC 62282-3-100:2019 Stationary fuel cell power systems - Safety

IEC 62282-3-200:2015 Stationary fuel cell power systems - Performance test methods

IEC 62282-3-300:2012 Stationary fuel cell power systems - Installation

Test methods

IEC TS 62282-7-1:2017 Single cell performance tests for polymer electrolyte fuel cells (PEFC)

IEC 62282-7-2:2021 Single cell and stack performance tests for solid oxide fuel cells (SOFCs)

Applications

IEC 62282-3-400:2016 Small stationary fuel cell power system with combined heat and power output

IEC 62282-4-101:2022 Fuel cell power systems for electrically powered industrial trucks - Safety

IEC 62282-5-100:2018 Portable fuel cell power systems - Safety

3 IEC 62282-6-100:2010 Micro fuel cell power systems - Safety

IEC TC 105 Work programme (15)

Stationary fuel cell

IEC 62282-3-100 ED3 Fuel cell technologies - Part 3-100: Stationary fuel cell power systems - Safety

Stationary fuel cell

IEC 62282-3-200 ED3 Fuel cell technologies - Part 3-200: Stationary fuel cell power systems - Performance test methods

Energy storage

IEC 62282-8-201 ED2 Fuel cell technologies - Part 8-201: Energy storage systems using fuel cell modules in reverse mode - Test procedures for the performance of power-to-power systems

Energy storage

IEC 62282-8-301 ED1 Fuel cell technologies - Part 8-301: Energy storage systems using fuel cell modules in reverse mode - Power to methane energy systems based on solid oxide cells including reversible operation - Performance test methods

Railway applications

IEC 63341-3 ED1 Railway applications - Rolling stock - Part 3: Fuel cell systems for propulsion - Performance requirements and test methods

SESKO SR 105 Polttokennot

IEC TC 105 toimintaan osallitutaan SESKOn seurantaryhmässä SR 105
SR 105 sisältyy SESKOn Puhdas Energia -kampanjaan 2022/2023

Näin pääset mukaan toimintaan:

- Täytä [yhteydenottolomake](#) SESKOn verkkosivuilla tai sähköposti [Arto Sirviölle](#)
- SESKOn toimisto lähettää esitäytetyn liittymislomakkeen
- Palauta lomake täydennettynä ja allekirjoitettuna sähköpostin liitteenä.
- Saat käyttäjätunnukset standardoinnin palveluihin (IEC/CLC/SESKO).
- Perehdytys standardoinnin prosesseihin ja rutiineihin.

Yhteystiedot

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