

# Eaton Ecodesign Standardization Map

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# Industrial Environmental Standards

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- **International level**
  - ISO – Global Guidance
  - IEC – Focus on Electrical Products
- **European level**
  - CENELEC (JTC10) – EN Standards
  - EU commission – PEF, Labelling
  - Manufacturer associations
- **National Level (law)**
  - AGECE, RE2020 (FR)
  - AFNOR
  - Gimelec



- ISO 14000 - ENVIRONMENTAL MANAGEMENT
  - ISO 14001, 14004, 14005 – Process & Site management
  - ISO 14040, 14044 - life cycle assessment (LCA)
    - The 2006 version replace old series 14040-14043 (1997-2000)
- ISO Standards are Used as a reference in other standards

- **TC111** - Environmental standardization for electrical and electronic products and systems
  - horizontal International Standards which are key in helping to ensure electrical and electronic products are designed with the environment in mind
  - 37 Countries / 27 P-Member (can vote)

IEC 63000	MT 63000	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances (RoHS)
IEC 62474	VT 62474	Material Declaration for Products of and for the Electrotechnical Industry DB
IEC 62321 series	WG 3	Test methods of certain substances ( <a href="#">link</a> )
IEC 62474	WG 19	Material declaration for products of and for the electrotechnical industry: Guidance for the implementation of IEC 62474. ( <a href="#">link</a> )
TR 63428	WG 20	Guidance on material circularity considerations in environmentally conscious design
IEC 63366	WG 15	Product category rules for LCA of electrical and electronic products and systems.
IEC 63372	WG 17	Greenhouse gas (GHG)
Working Group	WG 5	General method for assessing the proportion of reused components in products
IEC 63395	WG 18	E-waste

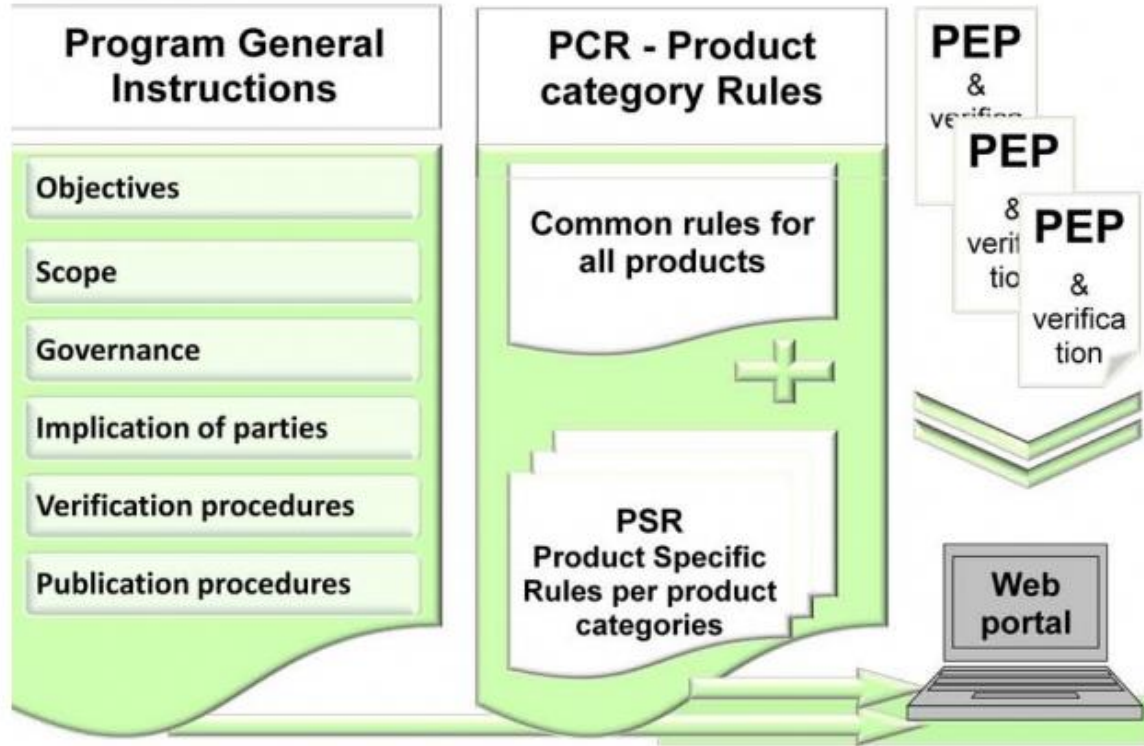
- Ecodesign and Energy Labelling
- Material Efficiency
- **JTC10 -Material efficiency aspects for products in scope of Ecodesign legislation**

CLC/TR 45550:2020	2020-12-04	Definitions related to material efficiency
EN 45552:2020	2020-03-11	General method for the assessment of the durability of energy-related products
EN 45553:2020	2020-07-10	General method for the assessment of the ability to remanufacture energy-related products
EN 45554:2020	2020-02-21	General methods for the assessment of the ability to repair, reuse and upgrade energy-related products
EN 45555:2019	2019-11-27	General methods for assessing the recyclability and recoverability of energy-related products
EN 45556:2019	2019-06-07	General method for assessing the proportion of reused components in energy-related products
EN 45557:2020	2020-04-29	General method for assessing the proportion of recycled material content in energy-related products
EN 45558:2019	2019-03-01	General method to declare the use of critical raw materials in energy-related products
EN 45559:2019	2019-03-01	Methods for providing information relating to material efficiency aspects of energy-related products

- Ecodesign and Energy labelling working plan 2020-2024
- DG CLIMA
- DG ENER
- DG GROW
- DG Environment
  - PEF – Product Environmental Footprint
  - PFCR – Product Footprint Common Rules
- Work closely with JTC10

- REACH
  - SVHC – Annex XVII
- RoHS – 2011/865/EU + 2015/863
  - EN IEC 63000:2018
- IEC 62474 – Material Declaration <https://std.iec.ch/iec62474>

# PEP Ecopassport



Link :

<http://www.pep-ecopassport.org/create-a-pep/produce-a-lca/>





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