

Defining a reparability score in accordance with NF EN 45554:2020

Training (face-to-face or distance learning)

1- Description

Product reparability is an essential component of sustainability, and therefore of longer product life. Increasing regulatory measures and consumer expectations are making this a key issue for organizations dealing with manufactured products. The methodological standard NF EN 45554:2020 offers an assessment solution for steering the improvement of reparability in product design.

2- Prerequisites

No pre-requisites required.

Needs assessment questionnaire sent prior to training.

3- Training objectives

- Understand the diversity of concepts, issues and methods related to the notions of reparability.
- reparability of manufactured products,
- Understand the legal framework, current experiments and the ecosystem of players,
- Acquire a turnkey methodology for applying the principles of standard 45554 in a practical and principles in a practical and operational way,
- Assimilate the principles of methodological standard 44554,
- Build your approach to assessing and improving reparability using a structuring
- methodology, adapted to any type of company or organization.

4- Teaching methods

- Interactive presentation of learning content
- Continuous alternation between theory and practice
- Case studies
- Use of a dedicated scoring tool
- Exchange and feedback

5- Detailed training program

I. INTRODUCTION

- Welcome of participants, practical arrangements and preliminary information.
- Round table: introduction and expectations of participants and trainer
- Initial assessment of participants' knowledge

II. THE PRINCIPLES OF REPARABILITY

- Defining the scope of product reparability
- Reparability as part of the circular economy, eco-design and sustainable development
- development
- Brakes and levers of reparability

III. LEGAL FRAMEWORK AND EXPERIMENTS

- Reparability in Europe: Green Deal and action plans, ecodesign regulations, SPI
- Reparability in France: AGECE law and reparability index

IV. MANAGING REPARABILITY VIA THE EN 45554 STANDARD

- Purpose and scope of EN 45554
- Definitions of NF EN 45554:2020
- Resources, input data and/or skills
- Methodological steps

6- Key skills targeted :

- Structure your project to assess and improve reparability based on the methodological standard
- standard NF EN 45554
- Identify and prioritize priority product parts
- Understand the methodology for assessing reparability
- Understand reparability assessment criteria
- Identify the priorities specific to your organization in terms of its commitment to reparability
- Assess the maturity of your organization in terms of reparability issues and carry out a self-assessment

ETHIKIS AD CIVIS

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