ISO/TS 21480:2021 (E)

Glass in building — General technical requirements of building integrated photovoltaic modules recycling

Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

4 Fundamental principles

5 Classification

5.1 It can be classified according to the type of cell:
5.2 It can be classified according to the structure of encapsulation:
5.3 It can be classified according to abandoned condition:

6 Dismantlement

7 Collection, transportation and storage

7.1 General provisions
7.2 Collection
7.3 Transportation
7.4 Storage

8 Disassembly

8.1 General provisions
8.2 Termination
8.3 Frame
8.4 PV laminate

9 Treatment

9.1 General provisions
9.2 Glass
9.3 Interlayer
9.4 Solar cell
9.5 Welding strip
9.6 Plastic back sheet

10 Recovery

10.1 Semiconductor materials recovery
10.2 Metal materials recovery
10.3 Glass recovery
10.4 Polymer materials recovery

11 Management

Annex A (informative) Data collected for the information statistic system

Annex B (informative) Matters needing attention for recycling

Annex C (informative) Common requirements for work at height

Annex D (informative) Examples of requirements applicable to pollutants' emissions

Page count: 17