DIN EN 16247-3:2023-02 (E)

Energy audits - Part 3: Processes

Contents

Page

European foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Quality requirements 7
4.1 Energy auditor 7
4.2 Energy audit process 7

5 Elements of the energy audit process 7
5.1 Preliminary contact 7
5.2 Start-up meeting 7
5.3 Collecting data 8
5.3.1 General 8
5.3.2 Information request 8
5.3.3 Review of the available data 8
5.3.4 Preliminary data analysis 9
5.4 Measurement plan 9
5.5 Sampling methods 9
5.6 Field work 9
5.6.1 Aim of field work 9
5.6.2 Conduct 10
5.6.3 Site visits 10
5.7 Analysis 10
5.7.1 General 10
5.7.2 Energy balance and breakdown 10
5.7.3 Energy performance indicators 10
5.7.4 Identify and evaluate energy performance improvement actions (EPIA) 11
5.8 Report 12
5.8.1 General 12
5.8.2 Content of report 12
5.9 Final meeting 12

Annex A (informative) Flow diagram of energy audit for processes 13

Annex B (informative) Data which could be collected 14

Annex C (informative) Quality of measurement plan 23

C.1 General 23
C.2 The measurement plan 23

Annex D (informative) Minimum criteria for a representative energy sampling for multi-site organizations 25

Bibliography 27