

The Building Regulations 2010

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# **Approved Document L Conservation of fuel and power**

Amendments to the approved documents

April 2016 amendments coming into force 6 April 2016

\*These amendments apply to building work carried out in England. They also apply to building work carried out on excepted energy buildings in Wales as defined in the Welsh Ministers (Transfer of Functions) (No 2) order 2009.

## 2016 AMENDMENTS TO 2013 EDITION OF APPROVED DOCUMENT L1A

### Inside of front cover

*Add:*

#### **“Main changes made by the 2016 amendments**

Changes reflect alterations to the regulations, principally withdrawal of Regulations 29 to 33 of the Building Regulations 2010 and their replacement by Regulation 7A of the Energy Performance of Buildings (England and Wales) Regulations 2012 and changes in wording of Regulations 24, 25, 26, 26A, 27 and 27A of the Building Regulations 2010. There are no technical changes.”

### Page ii

#### **Where you can get further help**

*In indent a. replace “the Planning Portal website [www.planningportal.gov.uk](http://www.planningportal.gov.uk)” with “the Government website [www.gov.uk](http://www.gov.uk)”.*

### Page v

#### **Contents**

*Under Section 2: Design standards, replace “Regulations 24 and 25” with “Regulations 35, 24 and 25”.*

### Page 2

#### **Energy performance certificates**

*In paragraph 0.3, replace “Regulation 29 of the Building Regulations” with “Regulation 7A of the Energy Performance of Buildings (England and Wales) Regulations 2012”.*

*In paragraph 0.3, replace “[www.planningportal.gov.uk](http://www.planningportal.gov.uk)” with “[www.gov.uk](http://www.gov.uk)”.*

### Page 3

#### **Section 1: The requirements**

*In paragraph 1.1, delete “29” (twice).*

### Page 4

#### **Demonstrating compliance**

*In the NOTE below paragraph 1.4, delete “regulation 29 of the Building Regulations and by”.*

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#### **Section 2: Design standards**

*In the subtitle, replace “Regulations 24 and 25” with “Regulations 35, 24 and 25”.*

*In paragraph 2.1, replace “Regulations 24 and 25” with “Regulations 35, 24 and 25”.*

*At the top of the first box below paragraph 2.1, insert:*

#### **“Interpretation**

**35(1).** ‘Energy performance of a building’ means the calculated or measured amount of energy needed to meet the energy demand associated with a typical use of the building, which includes, inter alia, energy used for heating, cooling, ventilation, hot water and lighting.”

*In the first box below paragraph 2.1, replace “‘asset rating’ means a numerical indicator of the amount...” with “‘asset rating’ means an energy performance indicator determined from the amount...”.*

*In the first box below paragraph 2.1, replace “‘operational rating’ means a numerical indicator of the amount of energy consumed during the occupation of a building over a period of time.” with “‘operational rating’ means an energy performance indicator determined from the amount of energy consumed during the occupation of a building over a period of time and the energy demand associated with a typical use of the building over that period.”.*

*In the second box below paragraph 2.1, replace “... Secretary of State, in ...” with “... Secretary of State calculated and expressed in ...”.*

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**Criterion 1 – Achieving the TER and TFEE rate**

*In the first box below paragraph 2.8, replace “...regulation 25.” with “...regulation 25 applying the methodology of calculation and expression of the energy performance of buildings approved pursuant to regulation 24.”.*

*In the second box below paragraph 2.8, delete “for new dwellings” from the title.*

*In the second box below paragraph 2.8, replace “dwelling which has been approved pursuant to regulation 25.” with “dwelling that has been approved pursuant to regulation 25, applying the methodology of calculation and expression of the energy performance of buildings approved pursuant to regulation 24.”.*

**Page 8**

**CO<sub>2</sub> emission rate and fabric energy efficiency rate calculations**

*In the box below paragraph 2.10, replace 27.(2)(a) and (b):*

“(a) the target CO<sub>2</sub> emission rate for the building,

(b) the calculated CO<sub>2</sub> emission rate for the building as designed, and” *with:*

“(a) the target CO<sub>2</sub> emission rate for the building calculated and expressed in accordance with the methodology approved pursuant to regulation 24,

(b) the CO<sub>2</sub> emission rate for the building as designed, calculated and expressed in accordance with the methodology approved pursuant to regulation 24, and”.

*In the box below paragraph 2.10, replace 27.(3)(a)(i) and (ii):*

“(i) the target CO<sub>2</sub> emission rate for the building,

(ii) the calculated CO<sub>2</sub> emission rate for the building as constructed, and” *with:*

“(i) the target CO<sub>2</sub> emission rate for the building calculated and expressed in accordance with the methodology approved pursuant to regulation 24,

(ii) the CO<sub>2</sub> emission rate for the building as constructed, calculated and expressed in accordance with the methodology approved pursuant to regulation 24, and”.

*In the box below paragraph 2.10, in 27.(4) replace “...produce such certificates...” with “...produce energy performance certificates...”.*

**Page 9**

*In the box below paragraph 2.11, replace 27A.(2)(a) and (b):*

“(a) the target fabric energy efficiency rate for the dwelling;

(b) the calculated fabric energy efficiency rate for the dwelling as designed; and” *with:*

“(a) the target fabric energy efficiency rate for the dwelling calculated and expressed in accordance with the methodology approved pursuant to regulation 24;

(b) the fabric energy efficiency rate for the dwelling as designed, calculated and expressed in accordance with the methodology approved pursuant to regulation 24; and”.

*In the box below paragraph 2.11, replace 27A.(3)(a)(i) and (ii):*

“(i) the target fabric energy efficiency rate for the dwelling;

(ii) the calculated fabric energy efficiency rate for the dwelling as constructed; and” *with:*

“(i) the target fabric energy efficiency rate for the dwelling calculated and expressed in accordance with the methodology approved pursuant to regulation 24;

(ii) the fabric energy efficiency rate for the dwelling as constructed, calculated and expressed in accordance with the methodology approved pursuant to regulation 24; and”.

*In the box below paragraph 2.11, in 27A.(4) replace “...produce such certificates...” with “... produce energy performance certificates...”.*

**Page 20**

*In the box below paragraph 3.13, in 43.(4) replace "...registered by the British Institute of Non-destructive Testing or..." with "...registered by the Independent Air Tightness Testing Scheme Limited or..."*

*In paragraph 3.15 replace "See [http://www.bindt.org/att\\_list](http://www.bindt.org/att_list)" with*

*"See <http://www.iats-uk.org/iats-member-list/> and [https://attma.org/join-attma/registered\\_members/](https://attma.org/join-attma/registered_members/)".*

**Page 28**

**Appendix A: Key terms and abbreviations**

*In the definition of Dwelling Type replace "(including ground-floor maisonette)" with "(including ground-floor maisonette)".*

*In the boxed definition of Energy Performance Certificate replace "regulation 29 of these regulations." with "regulation 7A of the Energy Performance of Buildings (England and Wales) Regulations 2012."*

**Inside of back cover**

*At top of page, replace "[www.planningportal.gov.uk](http://www.planningportal.gov.uk)" with "[www.gov.uk](http://www.gov.uk)".*

**2016 AMENDMENTS TO 2010 EDITION OF APPROVED DOCUMENT L1B****Inside of front cover**

*Add:*

**“Main changes made by the 2016 amendments**

Changes reflect alterations to the regulations, principally withdrawal of Regulations 29 to 33 of the Building Regulations 2010 and their replacement by Regulation 7A of the Energy Performance of Buildings (England and Wales) Regulations 2012 and changes in wording of Regulations 24, 25, 26, 26A, 27 and 27A of the Building Regulations 2010. There are no technical changes.”

**Page 2****Section 1: Introduction**

*In paragraph 1.1, delete “, 29”.*

*In paragraph 1.7, replace “22, 28 and 29” with “22 and 28”.*

**Page 3****Where you can get further help**

*In paragraph 1.10, replace the first bullet “the Department for Communities and Local Government website: [www.gov.uk](http://www.gov.uk)” with “the Government website: [www.gov.uk](http://www.gov.uk);”.*

*In paragraph 1.10, delete the second bullet “the Planning Portal website: [www.planningportal.gov.uk](http://www.planningportal.gov.uk)”.*

**Page 4****Section 2: The requirements**

*In paragraph 2.1, delete “, 29” (twice).*

**Page 5**

*Delete the box entitled Energy Performance Certificates - Regulation 29.*

**Page 6**

*Delete the box entitled Energy Performance Certificates - Regulation 29 (continued).*

*Delete the box entitled Recommendation reports - Regulation 29A.*

**Page 8****Key terms**

*In the boxed definition of Energy efficiency requirements, delete “, 29”.*

*In the boxed definition of energy performance certificate, replace “regulation 29 of these regulations.” with “regulation 7A of the Energy Performance of Buildings (England and Wales) Regulations 2012.”.*

**Page 19****Continuity of insulation and airtightness**

*In paragraph 5.6 replace “[www.planningportal.gov.uk](http://www.planningportal.gov.uk)” with “[www.gov.uk](http://www.gov.uk)”*

**Page 26****Appendix B: Documents referred to**

*Under Department for Communities and Local Government (DCLG), replace “[www.planningportal.gov.uk](http://www.planningportal.gov.uk)” with “[www.gov.uk](http://www.gov.uk)”.*

*Under NBS (on behalf of the Department for Communities and Local Government), replace “[www.planningportal.gov.uk](http://www.planningportal.gov.uk)” with “[www.gov.uk](http://www.gov.uk)”.*

## 2016 AMENDMENTS TO 2013 EDITION OF APPROVED DOCUMENT L2A

### Inside of front cover

*Add:*

#### **“Main changes made by the 2016 amendments**

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### Page v

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### Page 2

#### **Energy performance certificates**

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*In paragraph 1.1, delete “29” (twice).*

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**Page 6****Criterion 1 – Achieving the TER**

*In the box below paragraph 2.7, replace “...regulation 25.” with “...regulation 25 applying the methodology of calculation and expression of the energy performance of buildings approved pursuant to regulation 24.”*

**Page 7****CO<sub>2</sub> emission rate calculations**

*In the box below paragraph 2.13, replace 27.(2)(a) and (b):*

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(ii) the CO<sub>2</sub> emission rate for the building as constructed, calculated and expressed in accordance with the methodology approved pursuant to regulation 24, and”.

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**Page 20****Air permeability and pressure testing**

*In the box below paragraph 3.8, in 43.(4) replace “...registered by the British Institute of Non-destructive Testing or...” with “...registered by the Independent Air Tightness Testing Scheme Limited or...”*

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*“See <http://www.iats-uk.org/iats-member-list/> and [https://attma.org/join-attma/registered\\_members/](https://attma.org/join-attma/registered_members/)”*

**Page 29****Appendix A: Key terms and abbreviations**

*In the boxed definition of Energy efficiency requirements delete “, 29”.*

*In the boxed definition of Energy Performance Certificate replace “regulation 29 of these regulations.” with “regulation 7A of the Energy Performance of Buildings (England and Wales) Regulations 2012.”*

**Inside of back cover**

*At top of page, replace “[www.planningportal.gov.uk](http://www.planningportal.gov.uk)” with “[www.gov.uk](http://www.gov.uk)”.*



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### Page 27

#### **Appendix B: documents referred to**

*Under NBS (on behalf of the Department for Communities and Local Government) replace “www.planningportal.gov.uk” with “www.gov.uk”.*

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