



Energy Efficiency Changes to the National Construction Code for 2019 CPD Quiz

Date: _____

(PLEASE PRINT CLEARLY)

Company: _____

Name: _____

Circle the correct or best answers

1. To which date is the delay in implementation of Energy Efficiency changes of NCC 2019?

- a) 1 July 2020
- b) 1 May 2020
- c) 1 January 2020
- d) 1 June 2020

2. Can a house with ceiling height more than 2.4m be assessed using NCC 2019 residential Verification Method V2.6.2.2?

- a) Yes, even if the glazing is higher than 2.4m per level
- b) With NatHERS software run in NatHERS regulatory mode
- c) With NatHERS software and an Accredited NatHERS assessor
- d) Only if the glazing is maximum 2.4m high per level

3. Predicted Mean Vote is included in NCC2019 Section J

- a) For Verification Methods JV1, JV2 and JV3
- b) For Verification Methods JV1, JV2 and JV4
- c) For Verification Methods JV2, JV3 and JV4
- d) For Verification Methods JV1, JV2, JV3 and JV4

4. In Queensland DtS2019 Part J1.2 roof solar absorptance must be less than

- a) 0.40
- b) 0.45
- c) 0.50
- d) 0.60

5. Wall-glazing (except Class 3, 9c or 9a ward area) must have Total System U-value less than

- a) 1.0
- b) 2.0
- c) 2.5
- d) 4.0

6. For 50% double glazing (of Question 5) with $U_w = 3.6$, what is the required minimum wall total R-value (including thermal bridging)?

$$U_{wall} = (U_{facade} * \text{total area} - U_{glazing} * \text{glazing area}) / \text{wall area}$$

$$R\text{-value} = 1 / U\text{-value}$$

- a) R1.5
- b) R3.6
- c) R2.5
- d) R6.0

7. For 50% facade glazing in Climate zone 2 with no shade (shading multiplier 1.0, Facade Admittance ≤ 0.13) the solar heat gain coefficient must be less than:

$$SHGC = \text{Facade Admittance} / (\text{Facade glazing ratio} * \text{shading multiplier})$$

- a) 0.26
- b) 0.40
- c) 0.13
- d) 0.20