EPS Group
Unit 4, The Glade Business Centre
Forum Road
Nottingham, NG5 9RW
0115 7270599

Project Information
Building type Detached house

Reference	1396		
Date	19 January 2016		
Client	Michalis Vasiliou North London Property Services 3 Wells Terrace London N4 3JU	Project	110 Tottenham High Road London N15 6JR

REGULATION COMPLIANCE REPORT - Approved Document L1A, 2012 Edition, England
assessed by program JPA Designer version 6.03a1, printed on 22/1/2016 at 15:04:48

New dwelling as designed

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1 TER and DER
Fuel for main heating system: Gas (mains) (fuel factor = 1.00)

Target Carbon Dioxide Emission Rate	TER = 21.88	
Dwelling Carbon Dioxide Emission Rate	DER = 21.80	OK

1b TFEE and DFEE

Target Fabric Energy Efficiency (TFEE)	TFEE = 65.7	
Dwelling Fabric Energy Efficiency (DFEE)	DFEE = 61.7	OK

2a Thermal bridging
Thermal bridging calculated from linear thermal transmittances for each junction

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2b Fabric U-values

Element	Average	Highest	
Wall	0.24 (max. 0.30)	0.24 (max. 0.70)	OK
Floor	0.12 (max. 0.25)	0.12 (max. 0.70)	OK
Roof	0.15 (max. 0.20)	0.15 (max. 0.35)	OK
Openings	1.40 (max. 2.00)	1.40 (max. 3.30)	OK

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3 Air permeability

Air permeability at 50 pascals:	5.00	OK
Maximum :	10.00	

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4 Heating efficiency

Main heating system:

Boiler and radiators, mains gas
Ideal Vogue

Source of efficiency: from boiler database
Ideal Vogue c40

Efficiency: 89.2% SEDBUK2009
Minimum: 88.0% OK

Secondary heating system:

None -

5 Cylinder insulation

Hot water storage No cylinder

6 Controls

(Also refer to "Domestic Building Services Compliance Guide" by the DCLG)

Space heating controls	Delayed start time and temperature zone control	OK
Hot water controls	No cylinder	
Boiler Interlock	Yes	OK
Hot water controls	No cylinder	

7 Low energy lights

Percentage of fixed lights with low-energy fittings: 100.0%
Minimum: 75.0% OK

8 Mechanical ventilation

Not applicable

9 Summertime temperature

Overheating risk (Thames Valley): OK

Medium OK

Based on:

Thermal mass parameter :	182.71
Overshading :	Average or unknown (20-60 % sky blocked)

Orientation : NorthWest

Ventilation rate :	4.00
Blinds/curtains :	

None with blinds/shutters closed 0.00% of daylight hours

10 Key features

Ground floors U-value 0.12 W/m²K

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