

## **Appendix A – Climate Change Statement**

### **Climate Change Statement for Planning Applications**

#### **Part 1: Applicant details**

Name of applicant/agent	Saeed Hussain
Site Address	24 Mount Street Lockwood, Huddersfield HD1 3QP
Description of Development	To create a box dormer to allow more head height space in the existing loft floor. The loft shall be a bedroom, office and bathroom. The dox dormer to be in anthracite cladding finish with EPDM rubber roof and anthracite uPVC triple glazing windows.

#### **Part 2: Climate Change Mitigation measures**

Please respond to the following questions considering the measures set out in the Climate Change Guidance note:

Q1: What measures have been/will be taken to reduce the energy demand associated with your proposed development beyond the minimum required in Building Regulations? (See section 2)

We shall take measures in energy demand to insulate with low carbon materials and reuseable insulation from kingspan. We shall also takes careful consideration in insulating the walls and roof effectively to cut energy and carbon cost long term. We shall also use triple glazed windows and new doors to control thermal bridging and allow better ventilation throughout the property and reducing energy. We shall add new fenestration which shall offer low u values and good weathertightness. We are considering solar panels and heat pump but that may be down the line as we have to consider the budget we have and due to rise of cost it could be difficult at first to install solar panels and heat.

We shall also draughtproof for low energy home for the proposed windows will be upgraded with draught proofing strips and/or secondary glazing, while heavy curtains and blinds will also make a difference. Insulating beneath floorboards is a great way to reduce draughts (we shall use a suitable material for this). Filling gaps between floorboards and under skirtings can also be an option.

We shall take measures in adding specific low energy appliances to make an overall impact to the energy consumption. We shall use intergated smart home technology to impact and reduce the energy bills. By using smart meters we can get a general overview of how much energy is used.

Q2: What measures have been/will be taken to limit the carbon consumed through the implementation and construction processes, e.g. by reusing existing on-site materials or sourcing materials locally? (See section 3)

We shall source materials locally to limit carbon consumption.

Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Climate Change Statement for Planning Applications

1

We shall also use few finish materials as to being potential source of embodied carbon savings.

Q4: What measures have been/will be taken to ensure the building design and layout has been optimised to energy efficiency beyond the minimum requirements in Part L of the Building Regulations ? (See section 5)

Maximising airtightness, optimising insulation and eliminating thermal bridging. Using more energy-efficient walls, floors, windows and roofs can also help reduce the dependence on technology and its associated energy costs.

Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)

The existing dwelling land is a flood zone 1 and it has a low probability of flooding rivers and sea.

Q6: What measures have been/will be taken to reduce water stress associated with your proposed development? (e.g. Water retention and minimisation measures) (See sections 7 and 8)

We shall measures by opting for showers instead of baths to save water and include shower timers to reduce water usage. We shall also implement water saving basin taps to try and reduce water usage.

Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)

The development does not impact the biodiversity as this is a small scale householder application.

Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)

The development does not impact the air as this is a small scale householder application. Although we shall use local sourced recycled materials as much as possible.