

## Client

Barnett Forest Homes

## Cost

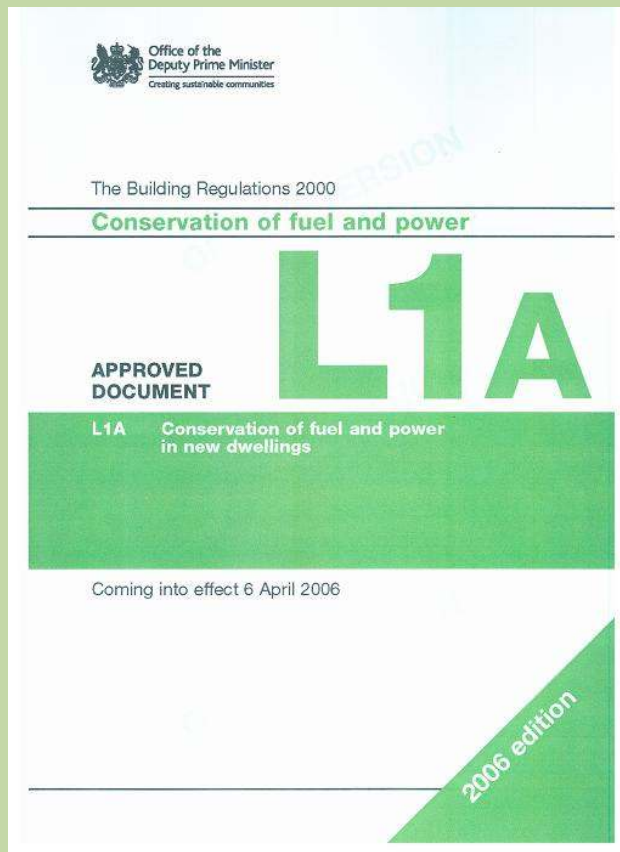
N/A

## Location

Windsor Road, Todmorden

## Program

N/A



Barnett Forest Homes Ltd instructed LK Accreditation Limited to undertake the Design SAP calculations on a development of four terraced houses on the Windsor Road site in Todmorden. The SAP calculation is key in complying with Part L of the Building Regulations in England and Wales.

The client submitted a full set of drawings complete with the specification of each of the four houses. From the information supplied, the required data was entered into the SAP2005 software.

The calculation took into account, the heating system, fuel type and control systems, ventilation, air permeability, Thermal insulation, thermal gains and energy used for lighting. The SAP Calculation produced two figures. The first figure was the maximum emissions allowed based on the building size expressed as Kg CO<sub>2</sub> per m<sup>2</sup> per annum and known as the Target Emissions Rate or TER. The second figure was the actual emissions based on the details provided by the client known as the Dwelling Emission Rate or DER. In order to comply the DER must be equal to or less than the TER.

After the data had been processed and the calculation produced, it was confirmed that each of the four houses met the regulations. A compliance report was printed out and sent to the client. This was achieved within a turnaround of two weeks from the time the drawings and specification were received from the client.

"LK Accreditation supplied our SAP Calculations to meet our requirements. Keeping us informed at each stage and providing the results well within the specified turn-around time."

Darren Hamer (Director)  
Barnett Forest Homes