

## Resources required for delivering L3 Diploma in Bricklaying

### Bricklaying

**Note:** Areas and sizes given are the preferable requirements to deliver the qualification.

#### Work areas

Area 1 Workshop having approximately 3m<sup>2</sup> floor space per trainee.

To enable forms of low level access to be erected, a roof clearance height of approximately 4m is recommended.

Area 2 Covered or part-covered area of approximately 50m<sup>2</sup>. To enable scaffold and other forms of access to be erected, a roof clearance height of approximately 6m is recommended.

Area 3 An unpaved area allowing for setting out and transfer of levels, ideally grassed area(s) clear to a depth of 0.5m to be able to carry out multiple group levelling and setting out exercises, or designated hardstand areas that can be used for setting and marking out

#### Additionally

Area of about 20m<sup>2</sup>, preferably adjacent to the Area 1 and Area 2 locations, for a mortar mill or mixer, with water supply and storage, mixing area and wash down facilities and bays for aggregates and sands.

#### Tools & Equipment

Appropriate and adequate supplies of :

Measuring, marking and setting out equipment; e.g.

- measuring tapes, spirit levels and straight edges, builders square, profile boards, ranging lines, pegs, automatic levels, staffs, gauging box (or equivalent), wheelbarrows, shovels, brushes/brooms

Bricklayers tools:

- trowels, chisels, hammers, pointing irons, chalk
- Templates/rigs for roofing/chimney breasts, flues, pipe ducts
- cavity wall ties,
- cavity trays,
- lintels,
- temporary supports/rigs for arch construction

#### Materials & Resources

Appropriate and adequate supply of:

- standard size common reclaimed bricks, facing bricks, engineering bricks, plinth bricks
- lightweight blocks standard and thin joint type
- thin joint adhesive( training adhesive can be used )
- DPC material – flexible and rigid
- sand, lime, water

- additives e.g. powder or liquid for producing coloured mortar for decorative finishing

Personal Protective Equipment – appropriate and adequate supplies of: gloves, eye and ear protection, protective clothing, masks/respirators, barrier creams etc.

### **Storage Areas**

- ▢ Secure, dry and ventilated stores for bagged materials e.g. cement, lime mortar, additives, shovels, hand tools etc.
- ▢ Part-covered secure area with racking for access equipment, props and struts, drainage goods, bricks, blocks, lintels etc.

### **Waste Disposal**

Designated area(s) for containers/skids, bags or other means of waste disposal.

**NOTE:** each practical assignment for this qualification will outline any further resource requirements