

## KENTISH TOWN SPORTS CENTRE

### AGREED CLEANING METHODS FOR BRICKWORK, TERRACOTTA AND STONEMWORK (This document is to be read in conjunction with the NBS specification C40)

#### 1.00 INITIAL SAMPLES (PRE TENDER)

- 1.01 Prior to the preparation of tender documentation, sample cleaning was undertaken to ascertain the most appropriate methods for the various materials, including brickwork, terracotta and York stone. These samples were undertaken under a separate contract with a masonry contractor who was included on the original tender list.
- 1.02 A separate report was prepared following completion of the initial samples. The report concluded that the following cleaning methods should be adopted for the purpose of preparing the specification, but would be subject to approval by Camden / English Heritage:

##### Brickwork:

Torc low pressure vortex system with water and calcite inert powder as cleaning medium; 33psi pressure (Sample annotated B1 to the left hand side of the walling at the south end of the Grafton Road elevation). Torc system and abrasive are supplied by Stonehealth Limited

##### Terracotta:

Vulpex soap (Potassium Methyl Cyclohexyl Oleate) used with plastic non-abrasive "scourers". 10 minute dwell time and washed off with hot pressure washer (Sample T1 to left hand side of hood moulding). The Vulpex was diluted at a rate of 1 part Vulpex soap to 5 parts water.

##### York Stone:

Torc low pressure vortex system with water and calcite inert powder as abrasive medium; 33 psi pressure (to the right hand side of the landing slab to the first entrance on Willes Road).

- 1.03 The samples were presented to English Heritage / Camden during a site inspection, and the only comment was that the brickwork sample B1 was too bright and appeared over-cleaned. This was subsequently addressed following further samples after appointment of the masonry sub-contractor. The cleaning methods for the terracotta (Vulpex soap) and York Stone (Torc system) were accepted at the site inspection.

## **2.0 SECOND STAGE SAMPLES (POST TENDER)**

### **2.01 The purpose of the samples:**

To address the comments made by English Heritage and Camden following presentation of the initial cleaning sample B1 to the red facings (see 1.03 above). A further sample was carried out by the appointed sub contractor in the presence of English Heritage / Camden and Roberts Limbrick, using the Torc system and abrasive medium used in the original sample, but at reduced pressures. It was concluded that the Torc system and calcite powder should be used but at a reduced pressure of 20psi. This formed the basis for the cleaning methods carried out on site

## **3.00 CONCLUSIONS / AGREED CLEANING METHODS:**

### **Red Brickwork:**

To be cleaned using Torc low pressure vortex system with water and calcite inert powder as cleaning medium; 20psi pressure. Torc system and abrasive are supplied by Stonehealth Limited

### **Yellow stocks:**

Subject to sample at roof level, but to be cleaned using Torc low pressure vortex system with water and calcite inert powder as cleaning medium; 20psi pressure. Torc system and abrasive are supplied by Stonehealth Limited

### **Terracotta:**

Vulpex soap (Potassium Methyl Cyclohexyl Oleate) used with plastic non-abrasive "scourers". 10 minute dwell time and washed off with hot pressure washer. The Vulpex was diluted at a rate of 1 part Vulpex soap to 5 parts water.

### **York Stone:**

Torc low pressure vortex system with water and calcite inert powder as abrasive medium; 33 psi pressure.