



Title and Reference Number:

Method Statement
**MIDLAND HOTEL
MANCHESTER**

Task Briefing For:
**DOFF CLEANING WORKS TO FIRE
DAMAGED AREA**

Task Briefing Number:
00001

Revision	Prepared by:	Approved by:	Date:
1.0	Jack Bentley		5/12/2024
2.0			

	Signature	Date:
Site manager		07425108450
Bullen Conservation Ltd Appointed person	Dave Lord Jr	

Contact	Contact Name	Tel: Number

Scope of works:

To carry out Hot water Doff cleaning to Brick /Terracotta and granite walls within the fire damaged area .

Permits required:

Permit to access work area.

Working at height

Working hours and resource levels:

Working hours 8.00am – 4.30 pm Mon –Friday

Supervision:

Dave Lord Jr

Operatives:

Steve Chidgey

Sam Philips

Plant

Doff -Hot water Diesel cleaning system
Generator

Materials

Fuel- Diesel

PPE

Respirator

Goggles

Glasses

Gloves

Ear defenders

Hi Vis protective clothing/Hats /boots

Wet suit

Other pre-start activities:

All Cleaning samples to be approved by Client before works commence.

Environmental

BCL operatives to clear up All debris collected from the cleaning to be bagged up and removed to Bullen Conservation licence waste yard (Holroyd's of Oldham).

Sequence and methodology:

BCL operative to work from fixed scaffolding supplied by K2 scaffolds LTD

Hot Water Doff Cleaning

BCL operatives to receive full site briefing by BCL Health and safety Director (Steve Eccleshare) including rams, Coshh and task briefing.

BCL operatives to report to site office for daily site safety briefing From site manager David Lord.

BCL operatives to be fully aware of methods of work and associated Risks.

Proceed to work area.

- 1) Proceed to inspect the work area and distribute plant ready for cleaning.
- 2) At the Base of the scaffold using hessian sacking form a dam to prevent any run off water spilling over onto the general public footpath.
- 3) Connect Doff system to mains 110 v Transformer Doff system to be positioned directly on a drip tray.
- 4) Identify the water supply and distribute hoses to work area ensuring no trips and falls are left in place.
- 5) All Plant to be distributed to work area on plant and bogeys. Plant to be removed from van via ramps and winches and NOT manually lifted at any time.
- 6) Consideration to be given for moving plant and safe movement of materials at all times whilst in the site compound.
- 7) Position into place the Hot Water Doff cleaning system, then set up water supply from pump to cleaning lance and distribute hose and position on at work area using hose protectors (ensure the hoses are at a maximum of 20 meters length so the pressure can be maintained throughout for recording purposes).
- 8) Prior to cleaning provide a number of samples for the Client/Architect to view and approve before works commence.
- 9) When instructions have been given and works are ready to proceed clean the masonry in the following manner.
- 10) Install hessian sacking around the base of the area to be cleaned to act as a filter for the deposits that are to be

washed from the building and prevent going into street drains.

- 11) Initially thoroughly and carefully wet down the Granite /Terracotta masonry by initially well wetting with clean cold water to gently soften any carbon crustations and bring algae to the surface.(This may take up to 48 hours in some cases.
- 12) Leave the water to soak into the masonry then agitate with masons soft conservation bronze bristle brush, if required use wooden spatulas to agitate the carbon as this will not damage or scratch the face of the Glazed terracotta and granite units.
- 13) After a suitable dwell time re- wet the face of the Masonry and gently agitate again the masonry with a soft bronze conservation masons brush, this should be just enough to loosen the carbon and moss build up and rotated in a circular motion.
- 14) After a further dwell period of 10 mins prepare the Doff cleaning system ready to rinse the area to remove all deposits.
- 15) Before rinsing the Masonry.run water through the doff cleaning system for at least 1 minute to allow to reach the correct pressure and temperature (this can be ran free within the compound area).
- 16) Under the guidance of the Conservation Supervisor wash clean the area using low pressure (1 bar) and relatively hot water (80-100°C) at a distance of 300mm to 400mm away from the masonry face.
- 17) This process should be fully recorded until the desired clean is achieved.
- 18) If further heat is required then the doff system could be raised up to 150 °C but with less pressure.
- 19) On completion of cleaning process remove all waste and 'Caution Signs' etc., and remove from site.

Control of Task Specific Risks

Significant Activity Hazards	Controls
Working at Heights	All scaffold to be erected by fully trained operatives and introduce a scaffold check system. A rescue plan to be in place in all works at height. Do not stand on guard rails or handrails Do not over reach. Do not climb outside of the tower
Manual Handling	Manual Handling Must be avoided wherever possible. All operatives to have received Manual handling training. All bagged materials to be maximum 25 kgs. Delivery vehicles shall be unloaded within main compound. Correct gloves, footwear, clothing etc shall be worn. Two persons shall be instructed to lift no more than 33kgs in any one joint lift.

Control of hazardous substances. Lime Sand Resin. Dust. Fuel	All hazardous substances hazardous to health should be completely removed and replaced using a safer alternative. As a last resort the correct P.P.E MUST be provided, worn and maintained when handling hazardous substances. Manufactures information and Data sheets must be readily available at all times. All waste materials are to be disposed of as the manufacturers recommendations at a licenced tip with written proof.
Struck by moving Plant/vehicles	Use designated pedestrian walking routes. Adhere to exclusion zones and do not enter unless authorised

Emergency Arrangements:

The nearest hospital will be confirmed in the on-site safety briefing.

In The likelihood of a fall or emergency David Lord being the designated BCL Supervisor will brief the emergency services of the following:

Details of the Operative.

Male/Female

Age –approximate

Weight-approximate

Known problems from the fall/broken leg.

Conscious, Unconscious....

Equipment damage

Amount of time fallen/accident

In this situation no ropes or rescue equipment can be adopted from overhead rails and a rescue should not put any other operatives at risk.

The injured party should be kept warm and still until the emergency services arrive.

Site Identified Hazards	Controls



Task Briefing Record

Task briefing title

Task briefing number

Briefing given by:

Name	Position	Signature

Briefed to: (By signing below, I confirm that I have received and understood the briefing for this task.)

[illegible]