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METHOD STATEMENT FOR CLEANING OPERATIONS USING THE SATBLAST SYSTEM

1. Before any operations are commenced the Contract Manager will give due consideration to any requirements for permits to work or the appropriate planning permission and /or listed building consent specific to the contract.
2. The surface areas to be cleaned will be examined by the Contract Manager taking into account all aspects and elevations. Any variations in surface condition will be identified.
3. Before commencing the full contract one or more suitable and inconspicuous test pieces will be cleaned as samples.

The number and location of samples will be specified by the Contract Manager to provide an adequate representation of any variety of substrates together with variations in surface condition and grime or other coating to be removed.

Written records of the sample pieces and results will be maintained and used as a basis for the direction of the subsequent contract.

4. The Contract Manager will appoint competent operatives who have received full operating instruction on the correct and safe method of operation of the Satblast System. (Training Courses are available from the Manufacturers.)
5. If there is any doubt as to the correct operating procedure written Operating Instructions will be obtained from the Manufacturer.
6. The appropriate cleaning media will be selected having regard to the surface to be cleaned; its condition and the grime, coating or corrosion to be removed.

The System is designed for use with FINE Media in a Saturated Form.

Manufacturers' recommended media:-

APPLICATION	ABRASIVE
For Stone, Brick & Concrete Surfaces, also for fine etch on steel	ABRABLAST-Medium OR ABRABLAST - Fine
	Alternatively use a Fine or Extra Fine Stone Grit
For Steel	Garnet
	Alternatively use Very Fine Grits or Mineral Slags

The System is not designed for and will NOT work effectively with Medium or Coarse Grits or Mineral Slags

Manufacturers of Abrasive Blast Cleaning Equipment



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7. Adjacent areas, not to be cleaned, will be masked or otherwise protected as appropriate. Gutters, Drains and soakways should be protected or diverted to avoid blockage.
8. The Contract Manager will ensure that all personnel in the work area wear suitable protective equipment with special regard to eye and ear protection.
9. A 170cfm compressor for low-pressure operation up to 44 p.s.i. (3 bar), a 265cfm compressor for standard pressure operation 44 to 80 psi or a compressor delivering more than 270cfm for higher-pressure operation will be provided on site.
10. Where ever possible work will commence at the highest level and proceed downwards.
11. On commencement of work, as per the operating instructions, all hoses will be connected and couplings locked firmly in position.
12. The unit will be depressurised before filling, first with water, then with media. The media should be covered with a minimum of 25mm of water.
13. On pressurisation of the system the operator will adjust the pressure regulator to the required blasting pressure, in the range 5 to 100 p.s.i., as identified by the results of the test samples. The operator will ensure that the nozzle is directed away from other persons on site during this adjustment, and only directed on the surface to be cleaned when the desired pressure has been obtained. Consistent distance, angle and dwell time onto the surface by the blast nozzle must be maintained as per the sample.
14. Abrasive adjustments is made to ensure the minimum amount of abrasive is entering the airstream to successfully clean the substrate.
15. The system will be intermittently depressurised to re-fill with water and abrasive. Abrasive consumption will be 50kg per fill and water will be .5 – 1.5 litres per minute dependant on type of media, nozzle size and media adjustment.
16. At the end of the blast cycle the operator may wash down the area, by following the appropriate operating procedure for using the wash down facility on the unit, if required.