METHOD STATEMENT –
STABILIZATION OF COAT OF ARMS, DUNOTTAR CASTLE

Scope of Works:
Consolidation of deteriorating areas of stone suffering laminations at the stone surface.

Risk Assessment:
Control measures: only experienced operatives to be used, toolbox talk to be given before work commences.

Supervision:
Jonathan Leburn will supervise the works.

Programme:
Work to commence as requested.

Method of Working:
Immediate area to be cordoned off to prevent public access.

Prior to consolidation, the affected areas will be lightly brushed with a soft bristle paintbrush to remove dust and debris.

Trials with Syton X30 to be undertaken to assess its viability as an appropriate consolidant for any disaggregating areas.

All delaminations to be injected, where necessary, with Primal B60A grout to fill voids under stone surface.

All delaminations to be then filled/capped with Paraloid B72 (6%) in acetone, mixed with fine silica sand, which is pigmented and textured to match the surrounding stone.

Materials: Acetone, Primal B60A, Syton X30 & Paraloid B72

Emergency action for body contact:
Acetone:

Skin: remove contaminated clothing; wash thoroughly with soap and water.
Eyes: irrigate for 15 minutes or more with water. Seek medical attention.
Inhalation: remove patient to fresh air; give oxygen and if necessary artificial respiration. Seek medical attention.
Ingestion: if patient is conscious administer large quantities of water. **Seek** medical aid immediately.

Paraloid B72:

Inhalation: remove patient to fresh air.
Skin: wash with soap and water.
Eyes: wash with water. Seek medical aid if irritation persists.

Primal B60A

Inhalation: move subject to fresh air.
Eyes: flush eyes with water for at least 15 minutes.
Skin: wash affected areas thoroughly with soap and water.
Ingestion: give 2 glasses of water and consult doctor.

Syton X30

Inhalation: Supply fresh air. Consult doctor if symptoms persist.
Eyes: Rinse eyes with fresh water for at least 15 minutes.
Skin: Wash affected areas thoroughly with soap and water.
Ingestion: Rinse mouth with plenty fresh water and consult doctor.

Equipment:
Hand tools, syringes

PPE:
Standard PPE plus
Goggles
Gloves

Emergency Arrangements: To be advised by main contractor.

Monitoring: Operatives are to be given toolbox talk on method statement before commencing work. Jonathan Leburn to ensure method statement is adhered to.