

320130484P

Design & Access Statement

**Design & Access Statement in Support of
Planning Application at**

BAE Systems, Samlesbury Site

1 Shed Degreaser – Final Flush and Clean.

Proj.No. 12S0106

Doc. Ref. 20135_JEB_12S0106_IIS_Design_Access_Statement.

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Section 1 – Introduction

Planning approval is sought for the erection of a ventilation discharge stack arrangement at BAE Systems Site, Samlesbury. The stack is to be positioned externally and adjacent to the west wall of 1 Shed. The facility will comprise a motor driven fan positioned at ground level with a stainless steel discharge stack nom 600 mm in diameter. The stack will rise to an elevation of 17m above floor level to discharge approximately 1.1m above the building apex. The assembly will be supported on a purpose designed concrete foundation and bracketed to the building structural steelwork for lateral support.

Section 2 – Use

The fan and stack are an integral part of a local extract ventilation system. The system dilutes and directs process fumes away from operatives of a Degreaser within 1 Shed

Section 3 – Amount

The external foundation footprint for the stack assembly is nom. 2,300mm x 3,400mm. The 600mm diameter stack rises to an elevation of 17m above ground level, the centre line positioned nom. 750mm from the building wall. Reference layout drawings 15113-01 rev A, 15113-04 Rev A and TC00104-12S0079-104.

Section 4 – Layout

The external ground level footprint is to be enclosed within steel barriers. There will be access provision for fan maintenance purposes.

The footprint is located between the west wall of 1 Shed and an adjacent existing tarmac road.

The arrangement will incorporate Armco type barrier(s) for vehicle impact protection.

Section 5 – Scale

Reference layout drawings are to the scale of 1:50 & 1:100.

Section 6 – Landscaping

The installation will not affect any current landscaping of the site.

Section 7 – Appearance

The discharge stack will be stainless steel. The existing cladding of adjoining buildings is 'Goose Wing Grey,' to BS 10 A 05 (RAL7038 closest equivalent).

Section 8 – Access

The facility is accessible from an existing tarmac roadway with pedestrian access and illuminated by high level building mounted light fixtures.

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APPROX. POS'N OF
PROPOSED STACK INST'N

