

LEV 2025

HEALTHY AIR
IN THE
WORKPLACE

*7 - 8 October
Birmingham*

Tales from a Duty Holder- BAE systems Air

carol.stearne@baesystems.com

- HSG 258 non- compliant
 - Stack height and efflux velocity
 - Duct velocity
 - Air flow monitoring
 - Filter monitoring
 - No Commissioning Report
- DSEAR non- compliant
- Process changes
- Poor Competency of Suppliers
- No operator or maintenance training

BAE SYSTEMS

LEV 2025

HEALTHY AIR
IN THE
WORKPLACE

*7 - 8 October
Birmingham*

Site Wide Audit and Improvement Plan

LEV Systems - 420

Surveying Completion of a high level audit has been completed in every building across site. This details compliance with current legislation to understand the risks involved with each system and any recommended actions



BAE SYSTEMS

LEV 2025


HEALTHY AIR
IN THE
WORKPLACE

*7 - 8 October
Birmingham*

Specifications

- Any specification should set out the operational, functional and performance requirements of the system.
- Understand capture zones, working zones and breathing zones.
- Involve your employees in LEV design or selection.
- Ideally use a knowledge expert to develop the concept and technical design.
- The specification should cover relevant standards, quality of workmanship, manuals , log books and commissioning requirements

HEALTHY AIR IN THE WORKPLACE



- A new Project handover document has been developed
- Improved the LEV procedure to ensure all aspects of HSG258 are captured
- Registration document to ensure all information available for Thorough Examination and Test
- Pre- checklist to ensure Specification covers all aspects required

Test Details					
Test	Value				
Bonding of ductwork	Air Flow monitoring				
Sealing of the ductwork	Exposure Values				
Seal Duct	Passable Duct				
Control of Leaks	Impermeable Ducts				
Test of					
Type of steel discharge					
Substrate of discharge					
Return air monitoring					
Test Design: Face Velocity	Air flow				
Test face	Type	Dimension	Benchmark	Face Velocity	Exposure limits/Exposure
					Airflow
Test Design: Duct Velocity: Air flow					
Test Point	Dimension	State Pressure	Benchmark	Velocity Pressure	Airflow
Air Circulation Tests for Enclosures				Airflow	
Clearance test	Clearance test				
Clearance time					
Date completed			Through Examination	Test Date	
Comments/Remarks					
Compliance results acceptable by SME					
Reasoning lower than HSG 206 Standard					
Signature Control:					
Initiated by: Safety Controller, sign and date					
Reviewed by: Safety Controller, sign and date					
Initiated by: Safety Controller, sign and date					
Reviewed by: Safety Controller, sign and date					

BAE SYSTEMS