



SAFETY ASSESSMENT  
FEDERATION

# Guidance

## In-Service Inspection-Local Exhaust Ventilation Control Measures

The Control of Substances Hazardous to Health Regulations 2002 (as amended) (COSHH), the Control of Lead at Work Regulations 2002 (CLAW) and the Control of Asbestos Regulations 2012 (CAR)

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## **SITUATION**

When undertaking LEV inspection and testing as required by COSHH, SAFed member companies will need to have access to a range of appropriate guidance and informative documentation. Such a list of documentation is collated within this Guidance.

## **GUIDANCE**

The following documentation is offered to SAFed member companies to aid them in undertaking their responsibilities when undertaking LEV thorough examination and testing.

LEV Documents List

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists, Inc.	<b>WIS</b>	Woodworking Information Sheets
<b>COP</b>	Code Of Practice	<b>GG</b>	Environmental technical Centre — DTI
<b>L</b>	Code Of Practice (Legal)	<b>MDHS</b>	Method of Determination of Hazardous Substances
<b>HSG</b>	Health & Safety Guidance	<b>SIR</b>	Specialist Inspectors Report
<b>AF/HSE</b>	Aluminium Federation (ALFED)/HSE	<b>PG</b>	Environmental Protection Act — Process Guidance Note
<b>EH</b>	Environmental Hygiene	<b>BB</b>	Building Bulletin
<b>PM</b>	Plant & Machinery	<b>BS</b>	British Standard
<b>EIS</b>	Engineering Information Sheets	<b>prEN</b>	Provisional European Standard
<b>LAC</b>	Local Authority Circular	<b>INDG</b>	Industry guidance
<b>ICE</b>	Institute of Chemical Engineers	<b>MSDS</b>	Material Safety Data Sheet
<b>CLEAPSS</b>	Consortium of Local Education Authorities for the Provision of Science Services	<b>SR</b>	Service and Retail

**Note 1:** COSHH was amended in 2002, 2003 and 2004; CLAW was revised in 2002 and CAR was revised in 2006

**Note 2:** There are many other documents, relating to specific industries, available from the HSE within the COSHH Essentials sections and therefore, the following list is neither exhaustive nor exclusive.

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Group Identifier	No	Year published	Title	Comments	Status
ACGIH	30th edition	2019	Industrial Ventilation: A Manual of Recommended Practice for Design, 30th Edition		Reviewed every 2 yrs
AF/HSE		1991	Fire & explosion hazards in the grinding & polishing of aluminium & its alloys		Current
BSI	BS 6133	1995	Code of practice for safe operation of lead-acid stationary batteries	National Committee PEL/21	Withdrawn - Superseded by BS EN 50272-1
BSI	BS 7258-1	1994	Laboratory fume cupboards — Specification for safety and performance	National Committee LBI1/1	Withdrawn - Superseded by BS EN 14175 parts 1-4 and part 6 and DD CEN/TS 14175-5 2006
BSI	BS 7258-2	1994	Laboratory fume cupboards — Recommendations for the exchange of information and recommendations for installation	National Committee LBI1/1	Withdrawn - Superseded by BS EN 14175 parts 1-4 and part 6 and DD CEN/TS 14175-5 2006
BSI	BS 7258-3	1994	Laboratory fume cupboards — Recommendations for selection, use and maintenance	National Committee LBI1/1	Withdrawn - Superseded by BS EN 14175-3
BSI	BS 7258-4	1994	Laboratory fume cupboards — Method for determination of the containment value of a laboratory fume cupboard	National Committee LBI1/1	Withdrawn - Superseded by BS EN 14175 parts 1-4 and part 6 and DD CEN/TS 14175-5 2006
BSI	BS 7989	2001	Specification for recirculatory filtration fume cupboards	National Committee LBI1/1	Current

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BSI	BS EN 626-1	1995	Safety of Machinery – Reduction of risks to health from hazardous substances emitted by machinery	National Committee MCE/3	Withdrawn Superseded by BS EN ISO 14123-2
BSI	BS EN 626-2	1996	Safety of Machinery – Reduction of risks to health from hazardous substances emitted by machinery	National Committee MCE/3	Withdrawn Superseded by BS EN ISO 14123-2
BSI	BS EN 14123-2	2015	Safety of Machinery – Reduction of risks to health from hazardous substances emitted by machinery	National Committee MCE/3	Current
BSI	BS EN 12469	2000	Biotechnology — Performance criteria for microbiological safety cabinets	National Committee LBI/1/1	Current
BSI	BS EN 13355	2009	Coating Plants – Combined Booths – Safety Requirements	National Committee MCE/3	Superseded by BS EN16985:2018
BSI	BS EN 14175-1	2003	Fume Cupboards — Vocabulary	Replaces: BS 7258-1:1994;BS 7258-2:1994;BS 7258-3: 1994;BS 7258-4:1994  Replaces Notes: Replaces BS 7258-1 Parts 1-4.  Related International Documents: EN 14175-1:2003 IDT  Amended By Notes: AMD 17039, April 2007.  Committee LBI1/1	Current
BSI	BS EN 14175-2	2003	Fume cupboards. Safety and performance requirements	National Committee LBI/1/1  Amended by 17040 April 2007	Current

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Group Identifier	No	Year published	Title	Comments	Status
BSI	BS EN 14175-3:	2019	Fume cupboards — Type test methods	National Committee LBI/1/1 Replaces BS EN 14175-3:2019 Amended by 17040 April 2007	Current
BSI	BS EN 14175-4	2004	Fume cupboards — On-site test methods	National Committed LBI/1/1	Current Under Review
BSI	DD CEN/TS 14175-5	2006	Fume cupboards — Recommendations for installation and maintenance	National Committed LBI/1/1	Current
BSI	BS EN 14175-6	2006	Fume cupboards — Variable Air Volume fume cupboards	National Committed LBI/1/1	Current
BSI	BS EN 16985	2018	Spray booths for organic coating material. Safety requirements	National Committed MCE/3/8	Current
BSI	BS EN 50272-1	2010	Safety requirements for secondary batteries and battery installations. General safety information	National Committee PE/21	Withdrawn 2011
Department of Education & Employment	Building Bulletin 88	1998	Fume cupboards in schools (Revision of Design Note 29)		Replaced by CLEAPSS G9 Fume Cupboards in Schools
CLEAPSS	G9	2014	Fume Cupboards in Schools	Replaces BB 88	Current
Department of Environment	PG 6/02 (12)	2012	Statutory Guidance for the Working of Timber and Manufacture of Wood-Based Products		Current
Department of Environment	PG 6/23 (11)	2014	Statutory Guidance for Coating of Metal and Plastic Processes		Current



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Group Identifier	No	Year published	Title	Comments	Status
Department of Environment	PG 6/34(11)	2013	Statutory Guidance for Re-Spraying of Road Vehicles		Current
Department of Trade & Industry	GG 15	1996	Vapour Degreasing 'Be Solvent Wise'		Withdrawn not traced
HSE	EH 16	1999	Isocyanates: Health hazards & precautionary measures		Current
HSE	EH 40	2018	Workplace exposure limits~(as consolidated with amendments March 2013)	3 <sup>rd</sup> Edition	Current
HSE	EH 54	1990	Assessment of exposure to fume from welding & allied processes		Withdrawn not traced
HSE	EH55		The control of exposure to fume from welding, brazing and similar processes.		Withdrawn not traced
HSE	EH 66	2013	Grain dust	3 <sup>rd</sup> Edition	Current
HSE	EH 67	1993	Grain dust in maltings (maximum exposure limits)		Withdrawn not traced
HSE	EH72/11	1999	Flour Dust Risk Assessment document		Withdrawn not traced
HSE	EIS 15	1998	Control of exposure to triglycidyl isocyanurate (TGIC) in coating powders		Withdrawn not traced
HSE	EIS 18	1997	Isocyanates: Health surveillance in motor vehicle repair		Withdrawn
HSE	EIS 20	1998	Maintenance and cleaning of solvent degreasing tanks		Withdrawn Replaced by EIS 47
HSE	EIS 22	1998	Health and safety in degreasing operations		Withdrawn Replaced by EIS 47

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Group Identifier	No	Year published	Title	Comments	Status
HSE	EIS 31	1999	Exposure to cadmium in silver soldering or brazing		Current
HSE	EIS 32	1999	Chromate primer paints		Current
HSE	EIS 47	2015	Solvent vapour degreasing plant Use, maintenance and cleaning		Current
HSE	HSG 258	2017	Controlling airborne contaminants at work – A guide to local exhaust ventilation (LEV)	3 <sup>rd</sup> Edition	Current
HSE	HSG 53	2013	Respiratory protective equipment at work A practical guide		Current
HSE	HSG 67	1997	Health & safety in motor vehicle repair		Withdrawn Replaced by HSG 261
HSE	HSG 72	1992	Control of respirable silica dust in heavy clay & refractory processes		Withdrawn
HSE	HSG 73	1992	Control of respirable crystalline silica in quarries		Withdrawn
HSE	HSG 74	1992	Control of silica dust in foundries		Withdrawn
HSE	HSG 77	1992	COSHH and peripatetic workers		Withdrawn
HSE	HSG 97	2004	A step by step guide to COSHH assessment	2 <sup>nd</sup> Edition	Current
HSE	HSG 103	2003	Safe handling of combustible dusts	2 <sup>nd</sup> Edition	Current
HSE	HSG 110	1996	Seven steps to successful substitution of hazardous substances		Withdrawn
HSE	HSG 167	1997	Biological monitoring in the workplace	2 <sup>nd</sup> Edition	Current
HSE	HSG 173	2006	Monitoring strategies for toxic substances	2 <sup>nd</sup> Edition	Current
HSE	HSG 178	1998	The spraying of flammable liquids		Withdrawn

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Group Identifier	No	Year published	Title	Comments	Status
HSE	HSG 187	2012	Control of Diesel Engine Exhaust Emissions in the workplace	3rd Edition	Current
HSE	HSG 193	1999	COSHH Essentials Easy steps to control chemicals		Withdrawn
HSE	HSG 201	2001	Controlling exposure to stonemasonry dust		Current
HSE	HSG 202	2000	General ventilation in the workplace		Withdrawn
HSE	HSG 203	2000	Controlling exposure to coating powders		Withdrawn
HSE	HSG 204	2000	Health & Safety in arc welding		Withdrawn
HSE	HSG 210	2018	Asbestos Essentials	4 <sup>th</sup> Edition	Current
HSE	HSG 261	2009	Health and safety in motor vehicle repair and associated industries	1 <sup>st</sup> Edition	Current
HSE	INDG 248L	2015	Solder Fume and You An Employee's Guide	Revision 2	Current
HSE	INDG 249L	2015	Controlling health risks from rosin (colophony) - based solder flux fumes	Revision 1	Current
HSE	INDG 388	2014	Safety in isocyanate paint spraying	Revision 2	Current
HSE	INDG 408	2016	Clearing the air – A simple guide to buying and using local exhaust ventilation (LEV)	Revision 1	Current
HSE	INDG 409	2011	Time to clear the air! – A workers' pocket guide to local exhaust ventilation (LEV)	Revision 1	Current
HSE	L5	2013	Control of Substances Hazardous to Health Regulations 2002 ACOP and Guidance	6 <sup>th</sup> edition	Current
HSE	L28	2002	Control of Asbestos at Work Regulations 2002 ACOP		Withdrawn Replaced by L142 also withdrawn

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HSE	L60	1998	Control of Substances hazardous to health in the production of pottery	First edition 1995 Reprinted with amendments 1998	Current
HSE	L132	2002	Control of Lead at Work Regulations 2002 ACOP and Guidance	3 <sup>rd</sup> Edition	Current
HSE	L143	2013	Managing and working with asbestos Control of Asbestos Regulations 2012 ACOP and Guidance	2 <sup>nd</sup> Edition	Current
HSE	MDHS 82	1997	The dust lamp a simple tool for observing the presence of airborne particles		Current
HSE	SR 02	2006	Diluting Chemical Concentrates		Current
HSE	SR 13	2011	Nail Bars		Current
HSE	SR 16	2006	Work Involving motor Vehicle Fuels (Diesel, Petrol, LPG)		Current
HSE	SR 18	2006	Charging Batteries for Electrical powered vehicles		Current
HSE	SR 20	2001	Soldering: Hand held with lead base, rosin-cured Solders		Current
HSE	SR 21	2006	Dust from Abrasive Wheels		Current
HSE	SR 24	2006	Strong Chemical Products (small Scale)		Current
HSE	SIR 3		Control of exhaust fumes from vehicles working in enclosed spaces		
HSE	SIR 14		Dust control at woodworking processes	Not traceable	Withdrawn
HSE	SIR 20		Spraying & the design of spray booths	Not traceable	Withdrawn
HSE	WIS 1	2000	Wood dust		Withdrawn
HSE	WIS 6	1997	COSHH and the woodworking industries		Withdrawn

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Group Identifier	No	Year published	Title	Comments	Status
HSE	WIS 11	1997	Hardwood dust survey		Withdrawn
HSE	WIS 12	1997	Assessment and control of wood dust		Withdrawn
HSE	WIS 14	2014	Selection of RPE suitable for use with wood dust	Revision 2	Current
HSE	WIS 19	2001	Health risks during furniture stripping using dichloromethane (DCM)	Revision 1	Current
HSE	WIS 23	1997	Wood Dust Controlling the Risks	Revision 1	Current
HSE	WIS 24	1992	LEV Dust capture at sawing machines		Withdrawn
HSE	WIS 25	1997	LEV Dust capture at fixed belt sanding machines		Withdrawn
HSE	WIS 26	1992	LEV Dust capture at fixed drum disc sanding machines		Withdrawn
HSE	WIS 29	1994	Occupational hygiene and health surveillance at industrial timber pre-treatment plants		Withdrawn
HSE	WIS 30	2012	Toxic woods	Revision 1	Current
HSE	WIS 32	20011	Safe collection of wood waste: Prevention of fire and explosion	Revision 1	Current
HSE	WIS 33	1997	Health surveillance and wood dust		Withdrawn
ICE	Not known	1987	A user guide to Dust and Fume Control	2 <sup>nd</sup> Edition	Current

