

Matrix of LEV knowledge guidance for key roles:

Employer-appointed LEV Responsible Person

Last modified 21-5-2018

Topic	Knowledge Requirements:	Employer-related personnel
		Employer-appointed LEV Responsible Person
	ESSENTIAL LEARNING	B, C, F, G
	DESIRABLE LEARNING	J, N
Preparation of LEV specification & quotation	Properties of airborne contaminants: principles	2
	Recognition of hazards from process materials	2
	Recognition of hazardous substances generated by the process	2
	Understanding of the nature of sources of airborne contaminants in the process	2
	Understanding of process requirements	3
	Understanding of statutory requirements for control	2
Design of LEV system	Selection of a control benchmark	1
	Selection of a control requirement	1
	Components of LEV systems	2
	Characteristics of different hood types	2
	Principles of LEV hood design	2
	Selection of appropriate hoods for the application	1
	Principles of good dustwork design	1
	Need for system monitors & alarms	2
	Characteristics of fans/air movers	1
	Characteristics of air cleaners/filters	1
	Air discharge and filtrate removal arrangements	1
	DSEAR/ATEX Requirement inc explosion relief	2
	Recirculation of filtered air	2
	Provision of makeup air/ impact on general workroom ventilation	1
	Impact on workroom and external environment	1
	Ergonomic and safety considerations	2
Arrangements for maintenance, cleaning, inspection and test	2	
Installation & commissioning of LEV system	Installation of hardware: mechanical	1
	Installation of hardware: electrical	1
	Balancing of system	1
	Technical performance testing	1
	Qualitative assessment of control effectiveness	1
	Quantitative assessment of control effectiveness	1
	Commissioning report	1
	Provision of System manual	1
	Provision of System logbook	1
	End User Training	2
	Thorough examination & test of LEV system	Pre-work risk assessment
Visual examination of system		2
Technical performance measurement		1
Assessment of control effectiveness		2
Thorough examination and test report		1
Maintenance	Completion of Logbook	2
	Routine inspections	2
	Routine maintenance	2
	Repairs and remedial works	1
Changes & modifications	Modifications & changes	2
	Re-commissioning	2
	User training	2
LEV Professional	Guide to typical relevant experience (in years) to include: • Portfolio • Interview • References	-

Awareness Course	Guidance Information					BOHS Qualifications (or equivalent)
LEV Practical Management of Control	HSE IND03 3B Working with airborne hazards: Guidance for the LEV Responsible Person (COSHH)	Manufacturers O&M Manual	HSG258 Controlling airborne contaminants at work	Safety LEV O3	BOHS qualifications including management of LEV systems (inc. report submission)	
B	C	F	G	J	N*	
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Notes:
 1: Evidence of other experience e.g. UKAS, ILVE, BOHS
 2: From January 2018, BOHS 1001 is a pre-requisite to 1004

Key:
 1: Basic knowledge
 2: Good knowledge of topic
 3: Detailed knowledge of topic

BOHS Qualifications Key:
 * Basic information on topic
 ** Detailed information on topic