

Matrix of LEV knowledge guidance for key roles:

LEV Project Manager (person responsible for delivery of the project)

Last modified 21-5-2018

Topic	Knowledge Requirements:	Employer-related personnel
		LEV Project Manager (person responsible for delivery of the project)
	ESSENTIAL LEARNING	B, G, I
	DESIRABLE LEARNING	M, O
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	2
	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	3
	Characteristics of different hood types	1
	Principles of LEV hood design	1
	Selection of appropriate hoods for the application	1
	Principles of good ductwork design	1
	Need for system monitors & alarms	1
	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	1
	Recirculation of filtered air	1
	Provision of makeup air/ impact on general workroom ventilation	1
	Impact on workroom and external environment	1
	Ergonomic and safety considerations	1
Arrangements for maintenance, cleaning, inspection and test	1	
Installation & commissioning of LEV system	Installation of hardware: mechanical	2
	Installation of hardware: electrical	2
	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	3
	Provision of System logbook	3
LEV Professional	Guide to typical relevant experience (in years) to include: • Portfolio • Interview • References	2

Awareness Course	Guidance information	BOHS Qualifications (or equivalent)		
LEV Practical Management of Control	HSG258: Controlling airborne contaminants at work BESA TRAD: Guide to Good Practice: LEV	PRO2: Basic design principles of LEV systems inc. report submission	Certificate of Competence Control	
B	G	I	M	O
	✓		*	✓
✓	✓		*	✓
✓	✓	✓	*	✓
	✓	✓	*	✓
		✓		✓
✓	✓	✓	*	✓
	✓		**	✓
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✓	✓	✓		✓
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✓	✓	✓		✓

Notes:
 1: Evidence or other experience e.g. UKAs, ILLEVE, BOHS
 2: From January 2018, BOHS PRO1 is a pre-requisite to PRO2

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