LEV SUMMIT WORKING GROUP

Matrix of LEV knowledge guidance for key roles:

Process operators

Торіс	Knowledge Requirements:	Employer-related personnel	Course	s
		Process operators	LEV Practical Management of Control	HSE INDG 136 Working with substances hazardous to health; a brief guide to
	ESSENTIAL LEARNING	F	в	с
	DESIRABLE LEARNING	Q, R	D	
	Properties of airborne contaminants: principles			
Preparation of LEV specification & quotation	Recognition of hazards from process materials	1	~	~
	Recognition of hazardous substances generated by the process	1	~	~
	Understanding of the nature of sources of airborne contaminants in the process	1		~
	Understanding of process requirements	1		
	Understanding of statutory requirements for control	1	~	~
	Selection of a control benchmark			
	Selection of a control requirement			
	Components of LEV systems			
	Characteristics of different hood types			1
	Principles of LEV hood design		~	
	Selection of appropriate hoods for the application		~	
	Principles of good ductwork design			
	Need for system monitors & alarms			
Design of LEV system	Characteristics of fans/air movers			
	Characteristics of air cleaners/filters			
	Air discharge and filtrate removal arrangements			
	DSEAR/ATEX Requirement inc explosion relief	1		
	Recirculation of filtered air			
	Provision of makeup air/ impact on general workroom ventilation			
	Impact on workroom and external environment			
	Ergonomic and safety considerations			
	Arrangements for maintenance, cleaning, inspection and test			
	Installation of hardware: mechanical			
	Installation of hardware: electrical			
	Balancing of system Technical performance testing			
Installation & commissioning of LEV system				
	Qualitative assessment of control effectiveness			
	Quantitative assessment of control effectiveness		1	
	Commissioning report	1	✓ ✓	
	End User Training	1	*	1
Thorough examination & test of LEV system	Pre-work risk assessment			
	Visual examination of system			
	Technical performance measurement			
	Assessment of control effectiveness			
	Thorough examination and test report	1	~	1
	Completion of Logbook	1	~	
Maintenance	Routine inspections	1		
	Routine maintenance	<u> </u>		
	Repairs and remedial works	L		<u> </u>
Changes & modifications	Modifications & changes			
LEV Professional	Guide to typical relevent experience (in years) to include: • Portfolio • Interview	-		

1. Evidence of other experience e.g. UKAS, ILEVE, BOHS etc. 2. * From January 2018, BOHS POUL is a pre-requisite to PGG4

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

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LEV Practical Management of Control	HSE INDG 136 Working with substances hazardous to health; a brief guide to OSHH	Manufacturers O&M Manual	HSG258:Controlling airborne contaminants at work	SAFeDLEV CO3
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