

LEV SUMMIT WORKING GROUP

Matrix of LEV knowledge guidance for key roles:

LEV Installation team leader

Last modified 21-5-2018

| Topic | Knowledge Requirements: | Employer-related personnel | Awareness Course | Guidance information |
|---|---|------------------------------|-------------------------------------|---|
| | | LEV Installation team leader | LEV Practical Management of Control | HSG258: Controlling airborne contaminants at work |
| | ESSENTIAL LEARNING | G | B | G |
| | DESIRABLE LEARNING | B | | |
| Preparation of LEV specification & quotation | Properties of airborne contaminants: principles | 1 | | ✓ |
| | Recognition of hazards from process materials | 1 | ✓ | ✓ |
| | Recognition of hazardous substances generated by the process | 1 | ✓ | ✓ |
| | Understanding of process requirements | 1 | | |
| Design of LEV system | Components of LEV systems | 2 | | ✓ |
| | 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 | 3 | | |
| | Installation of hardware: electrical | 3 | | |
| | Balancing of system | 2 | | ✓ |
| | Technical performance testing | 2 | | ✓ |
| LEV Professional | Guide to typical relevant experience (in years) to include: • Portfolio • Interview • References | 3 | | |

Notes:

1: Evidence of other experience e.g. UKAS, ILEV, BOHS

2: From January 2018, BOHS PBU1 is a pre-requisite to BCUA

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