

<b>COURSE TITLE</b>	: Local Exhaust Ventilation (LEV) Technical Training Compliance to USECHH2000 Regulation	<b>COURSE CODE</b> : LEVT-CL
<b>COURSE DURATION</b>	: 2 day	<b>COURSE LEVEL</b> : Basic
<b>COURSE CATEGORY</b>	: Technical Awareness	<b>HRDF SCHEME</b> : SBL-Khas
<b>VALIDITY</b>	: Nil	<b>MBOT CPD Hours</b> : 0
<b>COURSE FEE</b>	: RM 560.00 (Public)	<b>DOSH CEP Point</b> : 5
<b>TYPE OF TRAINING</b>	: Public / In-House	<b>DoE CPD Hours</b> : 12

**1. OBJECTIVES:**

- UNDERSTAND the laws and regulations regarding the design on LEV
- UNDERSTAND the basic terms in LEV system design
- UNDERSTAND the safety & health related to LEV system
- Able to perform Monthly Inspection of LEV system
- Know how and able to service & Maintenance LEV
- Know how and Able to perform record keeping

**2. TARGET GROUPS:**

Employees and Contractors Workers working at oil and gas and petrochemical plants or any other related industry

- Local Exhaust Ventilation (LEV) owner
- User of Local Exhaust Ventilation (LEV) system
- HSE Practitioner
- Industrial Hygiene Technician (IHT2)

**3. ENTRY REQUIREMENT(S):**

- Able to read and write in English or Bahasa Malaysia.
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**4. TOPICS:**

- Introduction
- Legal Requirement
  - OSHA 1994
  - USECHH 2000
- Engineering Control Equipment (Introduction)
- Basic Design & Requirement – LEV System
- Local Exhaust Ventilation (LEV) system design (HOOD, FAN, CHIMNEY, FILTER & DUCTING)
- Monthly Inspection of LEV system
- LEV system Maintenance
- LEV system video demonstration

- Group Practical Activity and facilitated by the trainer
- Group Presentation & Discussion

**5. LIST OF REFERENCE BOOK:**


- OSHA ACT 1994
- USECHH 2000

**6. LIST OF TEACHING AIDS:**

- Fume Hood System
- Spray Hood / Capture Hood System
- Dust Collector System
- KIMO instrument
- Smoke Tube
- Balometer
- Ammeter / Clamp meter
- Tacho Meter

**7. TRAINING SCHEDULE**

On demand Training session

	<b>ZABSI TRAINING ACADEMY</b>			
	<b>COURSE SCHEDULE</b>			
	<b>No.Dokumen</b>	<b>No.Pindaan</b>	<b>Tarikh</b>	<b>MukaSurat</b>
	ZTA-TRD-LEV-CL	0	28/11/2021	3/3

**COURSE TITLE:** Local Exhaust Ventilation (LEV) Technical Training Compliance to USECHH2000 Regulation

**DAY ONE (1)**

TIME	HOUR	TOPIC	TRAINER/FACILITATOR
08.00 am - 08.30 am	0.30	Registration	Zabsi Training Academy
08.30 am – 08.45 am	0.15	Ice Breaking & Introduction	
08.45 am – 10.30 am	1.45	OSHA Act 1994 USECHH 2000	
10.30 am – 11.00 am	0.30	BREAK	
11.00 am – 01.00 pm	2.00	LEV System Components & Operation	
01.00 pm – 02.00 pm	1.00	LUNCH BREAK / PRAYER	
02.00 pm – 03.15 pm	1.15	Cont LEV System Components & Operation	
03.15 pm – 03.30 pm	0.15	Break	
03.30 pm – 04.30 pm	1.00	LEV System Basic Design	
04.30 pm – 05.30 pm	1.00	LEV System Monitoring & Evaluation Group Distribution for 2 <sup>nd</sup> day activity	
05.30 pm		End of day 1	

**DAY TWO (2)**

TIME	HOUR	TOPIC	TRAINER/FACILITATOR
08.00 am - 08.30 am	0.30	Registration	Zabsi Training Academy
08.30 am – 08.45 am	0.15	Recap Session: Day 1 activity	
08.45 am – 10.30 am	1.45	SITE Measurement & Monitoring & Evaluation of Selected LEV System by group 1. Fume hood System 2. Spray Hood / Capture System 3. Dust Collector System	
10.30 am – 11.00 am	0.30	BREAK	
11.00 am – 01.00 pm	2.00	Group Discussion & Preparation	
01.00 pm – 02.00 pm	1.00	LUNCH BREAK / PRAYER	
02.00 pm – 03.15 pm	1.15	Presentation by group 1 & discussion	
03.15 pm – 03.30 pm	0.15	BREAK	
03.30 pm – 04.30 pm	1.00	Presentation by group 2 & discussion Presentation by group 3 & discussion	
04.30 pm – 05.00 pm	0.15	Recap Session: Day 2	

<b>TIME</b>	<b>HOUR</b>	<b>TOPIC</b>	<b>TRAINER/FACILITATOR</b>
05.00 pm – 05.30 pm	0.30	Certificate presentation	
05.30 pm		End of day 2	

**Last updated on 04/10/2022**