



COURSE TITLE	: Lung Function Testing and Analysis	COURSE CODE	: LFTA
COURSE DURATION	: 1-day(s) / 7.00-hour(s)	COURSE LEVEL	: Basic
COURSE CATEGORY	: Non-Competency		
HRD CORP SCHEME	: Claimable		
COURSE FEE	: RM615.60 (inclusive of 8% SST)		

1. OBJECTIVE(S):

At the end of the course, the participant will be able to:

- i. Conduct lung function testing using spirometer.
- ii. Analyse and interpret spirometry results.

2. TARGET GROUP(S):

- i. Paramedics – Staff Nurses, Medical Assistants, Lab Technician etc.
- ii. Medical practitioners.
- iii. OSH practitioners - Safety and Health Officers, First Aiders etc.

3. ENTRY REQUIREMENT(S):

- i. None.

4. TOPIC(S):

- i. Anatomy and Physiology Respiratory System.
- ii. Occupational Lung Diseases.
- iii. Overview of Spirometry.
- iv. Spirometry Procedure.
- v. Interpretation and Classification of Ventilator Function Test.

5. LIST OF REFERENCE BOOK(S):

- i. Factories and Machinery Act 1967.
- ii. Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000.
- iii. Guidelines on Medical Surveillance.



6. LIST OF TEACHING AID(S):

- i. LCD projector.
- ii. Computer.
- iii. White board with accessories.
- iv. Flip chart with accessories.

7. LIST OF CLASSROOM ACTIVITIES:

- i. Lecture.
- ii. Discussion.
- iii. Practical.

COURSE TITLE: LUNG FUNCTION TESTING AND ANALYSIS

DAY ONE

TIME	HOOR	TOPIC	TRAINER / FACILITATOR
0815 - 0845	0.50	Registration	NIOSH
0845 - 0900	0.25	Introduction to the Course	
0900 - 0930	0.50	Anatomy & Physiology of Respiratory System	
0930 - 1000	0.50	Occupational Lung Diseases	
1000 - 1015	0.25	MORNING TEA BREAK	
1015 - 1115	1.00	Continuation	
1115 - 1215	1.00	Overview of Spirometry	
1215 - 1300	0.75	Spirometry Procedure	
1300 - 1400	1.00	LUNCH	
1400 - 1500	1.00	Continuation	
1500 - 1600	1.00	Practical Session - Spirometry Procedures	
1600 - 1615	0.25	AFTERNOON TEA BREAK	
1615 - 1715	1.00	Interpretation & Classification of Ventilator Function Test	
	7.00	END OF THE COURSE	