



<b>COURSE TITLE</b>	: Lung Function Testing and Analysis	<b>COURSE CODE</b>	: LFTA
<b>COURSE DURATION</b>	: 1 day/ 7.00 hour(s)	<b>COURSE LEVEL</b>	: Basic
<b>COURSE CATEGORY</b>	: Non-Competency		
<b>HRDF SCHEME</b>	: SBL		
<b>COURSE FEE</b>	: RM604.20 (inclusive of SST)		

**1. OBJECTIVES:**

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. -

**4. TOPIC(S):**

- i. Anatomy and Physiology of the Lung.
- ii. Occupational Lung Diseases.
- iii. Spirometric Testing.
- iv. Consistent Instruction and Testing Procedures.
- v. Practical Demonstration on Spirometric Testing.
- vi. Introduction to Common Spirometer Testing Result.
- vii. Legislation Pertaining to Audiometric Testing.
- viii. Spirometric Record Keeping.

**5. LIST OF REFERENCE BOOK(S):**

- i. -

**6. LIST OF TEACHING AID(S):**

- i. LCD Projector.
- ii. Computer.
- iii. White Board with accessories.
- iv. Flip Chart with accessories.



**INSTITUT KESELAMATAN DAN KESIHATAN PEKERJAAN NEGARA**  
**NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH**

**KURIKULUM KURSUS**

*COURSE CURRICULUM*

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**7. LIST OF CLASSROOM ACTIVITIES:**

- i. -

Last updated on 01<sup>st</sup> November 2011 by PDD

 	<b>NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH</b>			
	<b>COURSE SCHEDULE</b>			
	No. Dokumen	No. Pindaan	Tarikh	Muka Surat
NIOSH-PDD-CS-LFTA	00	02 Nov 2011	1 / 1	

**COURSE TITLE: LUNG FUNCTION TESTING AND ANALYSIS**

**DAY ONE**

TIME	HOUR	TOPICS	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	Overview of Spirometry	
1115 - 1215	1.00	Spirometry Procedures	
1215 - 1300	0.75	Interpretation and Classification of Ventilatory Function Test	
1300 - 1400	1.00	LUNCH	
1400 - 1600	2.00	Practical Session - Spirometry Procedures	
1600 - 1615	0.25	AFTERNOON TEA BREAK	
1615 - 1715	1.00	Discussion, Evaluation & Closing	
	<b>7.00</b>	<b>END OF THE COURSE</b>	

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