COURSE TITLE : Lung Function Testing and Analysis
COURSE DURATION : 1 day/ 7.00 hour(s)  COURSE CODE : LFTA
COURSE CATEGORY : Non-Competency  COURSE LEVEL : Basic
HRDF SCHEME : SBL  COURSE FEE : 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.
7. **LIST OF CLASSROOM ACTIVITIES:**

   i.  -

Last updated on 01st November 2011 by PDD
**COURSE TITLE: LUNG FUNCTION TESTING AND ANALYSIS**

**DAY ONE**

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<thead>
<tr>
<th>TIME</th>
<th>HOUR</th>
<th>TOPICS</th>
<th>TRAINER/ FACILITATOR</th>
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<tr>
<td>0815 - 0845</td>
<td>0.50</td>
<td>Registration</td>
<td>NIOSH</td>
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<tr>
<td>0845 - 0900</td>
<td>0.25</td>
<td>Introduction to the course</td>
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<td>0900 - 0930</td>
<td>0.50</td>
<td>Anatomy &amp; Physiology of Respiratory System</td>
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<td>0930 - 1000</td>
<td>0.50</td>
<td>Occupational Lung Diseases</td>
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<td>1000 - 1015</td>
<td>0.25</td>
<td><strong>MORNING TEA BREAK</strong></td>
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<tr>
<td>1015 - 1115</td>
<td>1.00</td>
<td>Overview of Spirometry</td>
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<tr>
<td>1115 - 1215</td>
<td>1.00</td>
<td>Spirometry Procedures</td>
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<td>1215 - 1300</td>
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<td>Interpretation and Classification of Ventilatory Function Test</td>
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<td>1300 - 1400</td>
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<td><strong>LUNCH</strong></td>
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<td>1400 - 1600</td>
<td>2.00</td>
<td>Practical Session - Spirometry Procedures</td>
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<td>1600 – 1615</td>
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<td><strong>AFTERNOON TEA BREAK</strong></td>
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<td>1615 - 1715</td>
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<td>Discussion, Evaluation &amp; Closing</td>
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<td>7.00</td>
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Last updated on 02nd November 2011 by PDD