



COURSE TITLE	: Indoor Air Quality Assessor	COURSE CODE	: IAQ
COURSE DURATION	: 5 day(s)/ 34.5 hour(s)	COURSE LEVEL	: Basic
COURSE CATEGORY	: Competency	EXAMINATION FEE	: RM 700.00
HRDF SCHEME	: SBL		
COURSE FEE	: RM 3,180.00 (inclusive of SST)		

1. OBJECTIVES:

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

- i. To conduct indoor air quality investigation.
- ii. Register with DOSH as a competent person.

2. TARGET GROUPS:

This course is designed for those who intend to be competent person for conducting the assessment and monitoring on indoor air quality.

3. ENTRY REQUIREMENT(S):

At least Diploma in pure or applied science and has one (1) year experience in measurement of airborne chemical.

Note: Please refer to Code of Practice on Indoor Air Quality by the Department of Occupational Safety and Health, Ministry of Human Resources Malaysia 2005 if you would like to be a Register Indoor Air Quality Assessor.

4. TOPICS:

- i. Introduction on IAQ.
- ii. Legislative Requirement, ICOP and Related Standards.
- iii. Indoor Air Contaminants and Health Effects.
- iv. Investigation process.
- v. Building Sciences.
- vi. MVAC System.
- vii. Biological Sampling Technique.
- viii. Chemical Sampling Technique.
- ix. Sampling Strategy and Methodology.
- x. Control of IAQ problem.
- xi. Briefing Practical Session.
- xii. Report Writing.
- xiii. OYK Registration and Renewal.



5. LIST OF REFERENCE BOOKS:


- i. ICOP IAQ 2010.
- ii. IAQ Investigator's Guide –A Guide to Principles, Techniques and Resources Available for Professional Indoor Air Quality Investigations (2nd Edition).

6. LIST OF TEACHING AIDS:

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

7. LIST OF CLASSROOM ACTIVITIES:

- i. Discussion.
- ii. Practical.

 	NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH			
	COURSE SCHEDULE			
	No. Dokumen	No. Pindaan	Tarikh	Muka Surat
NIOSH-PDD-CS-IAQ	00	19 Aug 2016	1 / 3	



COURSE TITLE: INDOOR AIR QUALITY ASSESSOR

DAY ONE

TIME	HOUR	TOPICS	TRAINER / FACILITATOR
0830 - 0900	0.50	Registration	NIOSH
0900 - 0915	0.25	Introduction to the course	NIOSH
0915 - 1045	1.50	Introduction on IAQ	
1045 - 1115	0.25	MORNING TEA BREAK	
1100 - 1200	1.00	Legislative Requirement, ICOP and Related Standards	
1200 - 1300	2.00	Indoor Air Contaminants and Health Effects	
1300 - 1400	1.00	LUNCH	
1400 - 1500	1.00	Continuation	
1500 - 1600	1.00	Investigation Process	
1600 - 1615	0.25	AFTERNOON TEA BREAK	
1615 - 1715	1.00	Continuation	
	7.00	END OF DAY ONE	

DAY TWO

TIME	HOUR	TOPICS	TRAINER / FACILITATOR
0830 - 0900	0.50	Examination Briefing	
0900 - 1000	1.00	Building Sciences	
1000 - 1015	0.25	MORNING TEA BREAK	
1015 - 1115	1.00	Continuation	
1115 - 1245	1.50	MVAC System	
1245 - 1400	1.25	LUNCH	
1400 - 1530	1.50	Continuation	
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1545 - 1715	1.00	Continuation	
	6.00	END OF DAY TWO	


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DAY THREE

TIME	HOUR	TOPICS	TRAINER / FACILITATOR
0830 – 1000	1.50	Biological Sampling Technique	
1000 – 1015	0.25	MORNING TEA BREAK	
1015 – 1245	2.50	Chemical Sampling Technique	
1245 – 1400	1.00	LUNCH	
1400 – 1530	1.50	Sampling Strategy and Methodology	
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1545 - 1645	1.00	Continuation	
1645 - 1745	1.00	Control of IAQ problem	
	7.50	END OF DAY THREE	

DAY FOUR

TIME	HOUR	TOPICS	TRAINER / FACILITATOR
0800 - 0830	0.50	MORNING TEA BREAK	
0830 – 0900	0.50	Briefing Practical session	
0900 - 1300	4.00	Practical session	
1300 - 1400	1.00	LUNCH	
1400 - 1600	2.00	Continuation	
1600 - 1615	0.25	AFTERNOON TEA BREAK	
1615 – 1715	1.00	Report writing	
	7.50	END OF DAY FOUR	

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DAY FIVE

TIME	HOUR	TOPICS	TRAINER / FACILITATOR
0830 – 0930	1.00	OYK Registration and Renewal	
0930 - 1030	1.00	Report preparation	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1230	1.75	Report presentation	
1230 - 1445	2.25	LUNCH	
1445 – 1545	1.00	Continuation	
1545 – 1600	0.25	AFTERNOON TEA BREAK	
1600 - 1715	1.25	Continuation	
	6.00	END OF THE COURSE	

Last updated on 11th March 2013 by PDD