INSTITUT KESELAMATAN DAN KESIHATAN PEKERJAAN NEGARA
NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH
KURIKULUM KURSUS
COURSE CURRICULUM
TEL: 03 - 8911 3800 FAX: 03 - 8926 3900
URL: www.niosh.com.my

COURSE TITLE : Indoor Air Quality Assessor
COURSE DURATION : 5-day(s) / 35.00-hour(s)
COURSE CODE : IAQ
COURSE CATEGORY : Competency
COURSE LEVEL : Basic
HRD CORP SCHEME : Claimable
COURSE FEE : RM3,240.00 (inclusive of 8% SST)
EXAMINATION FEE : RM700.00 (payable separately)

1. OBJECTIVE(S):

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 GROUP(S):

i. 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):

i. Malaysian citizen; **AND**
ii. At least Diploma in Pure or Applied Sciences; **OR**
iii. Registered Assessor under OSH (USECHH) Regulations 2000; **OR**
iv. Registered Hygiene Technician 1 under OSH (USECHH) Regulations 2000.

Note: This entry requirement(s) is applicable for **training** purpose only. Please refer to the Industry Code of Practice on Indoor Air Quality 2010 if you would like to be a registered competent person (Indoor Air Quality Assessor). Effective 1st January 2024, participant is required to sit for the first examination within one (1) year from the date of completion of the course.

4. TOPIC(S):

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.
xiv. Generic Occupational Health.

5. LIST OF REFERENCE BOOK(S):

i. Industry Code of Practice on Indoor Air Quality 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 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: INDOOR AIR QUALITY ASSESSOR

DAY ONE

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0830 - 0900	0.50	Registration	Coordinator
0900 - 0915	0.25	Introduction to the Course	Coordinator
0915 - 1045	1.50	Introduction on IAQ	
1045 - 1100	0.25	MORNING TEA BREAK	
1100 - 1200	1.00	Legislative Requirement, ICOP and Related Standards	
1200 - 1300	1.00	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	
	6.50	**END OF DAY ONE**	

DAY TWO

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0830 - 0900	0.50	Examination Briefing	ECD
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	1.50	Continuation	
1715 - 1815	1.00	Generic Occupational Health	DOSH Additional Topic
	7.50	**END OF DAY TWO**	

DAY THREE

TIME	HOUR	TOPIC	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	1.25	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	TOPIC	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**	

DAY FIVE

TIME	HOUR	TOPIC	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 (FRIDAY PRAYER)	
1445 – 1545	1.00	Continuation	
1545 – 1600	0.25	AFTERNOON TEA BREAK	
1600 - 1715	1.25	Continuation	
	6.00	**END OF THE COURSE**	