



COURSE TITLE	: Basic Scaffolder Course	COURSE CODE	: BSC
COURSE DURATION	: 10-day(s) / 73.75-hour(s)	COURSE LEVEL	: Basic
COURSE CATEGORY	: Competency		
HRD CORP SCHEME	: Claimable		
COURSE FEE	: RM1,998.00 (inclusive of 8% SST)	EXAMINATION FEE	: RM280.00
TOTAL FEE	: RM2,278.00 (inclusive of 8% SST)		

1. OBJECTIVE(S):

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

- i. Understand law and regulation.
- ii. Determine duties and responsibility a scaffolder.
- iii. Identify hazards.
- iv. Determine safe erection and dismantling scaffolding.
- v. Fullfill the registration requirement as a Competent Person Scaffolder.

2. TARGET GROUP(S):

This course is designed for persons involved in the scaffolding job:

- i. Manufacturer.
- ii. Supplier.
- iii. Design Engineer.
- iv. Management Level.
- v. OSH Practitioner.
- vi. Engineer / Supervisor.
- vii. Workers who are involved in scaffolding job.

3. ENTRY REQUIREMENT(S):

- i. Malaysian citizen; and
- ii. Physically and mentally fit; and
- iii. Able to read and write either Malay or English; and
- iv. Able to perform basic mathematical calculations.

4. TOPIC(S):

- i. Legislative and Requirement.
- ii. Site Hazards.
- iii. Introduction to Scaffolding.
- iv. Terminology Used in Scaffolding.



- v. Tube and Fitting.
- vi. Working Platform.
- vii. Stabilizing Scaffold.
- viii. Edge Protection.
- ix. Access and Egress.
- x. Standard Related to Scaffolding.
- xi. Erection and Dismantling Procedure.
- xii. Scaffold Design and Drawing.
- xiii. Raising and Lowering Materials.

5. LIST OF REFERENCE BOOK(S):

- i. Occupational Safety and Health Act 1994.
- ii. Factories and Machinery Act 1967.
- iii. DOSH Guidelines.
- iv. DOSH Chief Inspector Special Order.
- v. BS EN Standard.
- vi. MS Standard.
- vii. AS/NZS Standard.

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. Group presentation
- iii. Practical.

8. LIST OF PERSONAL PROTECTIVE EQUIPMENT:

- i. Safety Helmet.
- ii. Safety Boot.
- iii. Impact Glove.

Note: Participant is required to bring along Personal Protective Equipment (e.g. Safety Boot, Safety Helmet and Impact Glove) during practical session.

 	NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH		
	COURSE SCHEDULE		
	Document No. NIOSH-PDD-CS-BSC	Revision No. PDD220829	Page 3 / 8

COURSE TITLE: BASIC SCAFFOLDER COURSE

DAY ONE

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0800 - 0830	0.50	Registration	NIOSH
0830 - 1030	2.00	Topic 01: Legislative Requirements	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1115	0.50	Topic 02: Site Hazard	
1115 - 1300	1.75	Topic 03: Introduction to Scaffolding	
1300 -1400	1.00	LUNCH	
1400 - 1415	0.25	Continuation	
1415 - 1500	0.75	Topic 04: Terminology Used in Scaffolding	
1500 - 1515	0.25	AFTERNOON TEA BREAK	
1515 - 1800	2.75	Topic 05: Tube and Fitting Scaffolding	
	8.00	END OF DAY ONE	

DAY TWO

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0830 - 0900	0.50	Safety Briefing for Practical	
0900 - 0930	0.50	Site Preparation (Materials and Equipment)	
0930 - 1030	1.00	Practical (Assembly Scaffold Frame)	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1145	1.00	Practical (Dismantle Scaffold Frame)	
1145 - 1300	1.25	Practical (Erection Scaffold Modular)	
1300 - 1400	1.00	LUNCH BREAK	
1400 - 1500	1.00	Continuation	
1500 - 1515	0.25	AFTERNOON TEA BREAK	
1515 - 1715	2.00	Practical (Dismantle Scaffold Modular)	
1715 - 1900	1.75	Site Clearance and Housekeeping	
	9.00	END OF DAY TWO	

DAY THREE

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0830 – 0900	0.50	Safety Briefing for Practical	
0900 -0930	0.50	Site Preparation (Materials and Equipment) -Briefing Design Structure 1 (Tower 1 lift)	
0930 - 1015	0.75	Practical Structure 01 (Tube and Fitting)	
1015 – 1030	0.25	MORNING TEA BREAK	
1030 - 1115	0.75	Continuation	
1115 – 1215	1.00	Dismantling Structure 01 (Tube and Fitting)	
1215 – 1230	0.25	Briefing Design Structure 02 Birdcage Scaffolding	
1230 - 1300	0.50	Practical Erection Structure 2 (Tube and Fitting)	
1300 – 1400	1.00	LUNCH	
1400 – 1600	2.00	Continuation	
1600 – 1615	0.25	AFTERNOON TEA BREAK	
1615 – 1730	1.25	Dismantling Structure 02 – Birdcage Scaffolding	
1730 – 1900	1.50	Site Clearance and Housekeeping	
	9.00	END OF DAY THREE	

**DAY FOUR**

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0830 - 0900	0.50	Safety Briefing for Practical	
0900 - 0930	0.50	Briefing Design Structure 03 Independent with Return Scaffolding	
0930 - 1000	0.50	Rope and Knot (Practical)	
1000 - 1015	0.25	MORNING TEA BREAK	
1015 - 1100	0.75	Continuation	
1100 - 1300	2.00	Practical Structure 03 (Tube and Fitting)	
1300 - 1400	1.00	LUNCH	
1400 - 1600	2.00	Continuation	
1600 - 1615	0.25	AFTERNOON TEA BREAK	
1615 - 1730	1.25	Dismantling Structure 3 (Tube and Fitting)	
1730 - 1900	1.50	Site Clearance and Housekeeping	
	9.00	END OF DAY FOUR	

DAY FIVE

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0830 - 0900	0.50	Safety Briefing for Practical	
0900 - 1000	1.00	Practical Assembly Structure 04 (Tube and Fitting) - Independence Tower (Tube and Fitting)	
1000 - 1015	0.25	MORNING TEA BREAK	
1015 - 1300	2.75	Continuation	
1300 - 1400	1.00	LUNCH	
1400 - 1500	1.00	Practical Dismantle Structure 4 (Tube and Fitting)	
1500 - 1515	0.25	AFTERNOON TEA BREAK	
1515 - 1700	1.75	Continuation	
1700 - 1900	2.00	Site Clearance and Housekeeping	
	9.00	END OF DAY FIVE	

DAY SIX

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0830 - 1000	1.50	Topic 06: Working Platform	
1000 - 1015	0.25	MORNING TEA BREAK	
1015 - 1300	2.75	Topic 07: Stabilizing Scaffold	
1300 - 1400	1.00	LUNCH	
1400 - 1445	0.75	Topic 08: Edge Protection	
1445 - 1530	0.75	Topic 09: Access and Egress	
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1545 - 1630	0.75	Continuation	
1630 - 1830	2.00	Case Studies (Group Activities)	
	8.50	END OF DAY SIX	

DAY SEVEN

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0830 - 1000	1.50	Topic 10: Other Standard Related to Scaffolding	
1000 - 1015	0.25	MORNING TEA BREAK	
1015 - 1215	2.00	Topic 11: Erection and Dismantling	
1215 - 1300	0.75	Topic 12: Scaffold Design and Drawing	
1300 - 1400	1.00	LUNCH	
1400 - 1515	1.25	Continuation Topic 12: Scaffold Calculation	
1515 - 1530	0.25	AFTERNOON TEA BREAK	
1530 - 1630	1.00	Continuation	
1630 - 1830	2.00	Topic 13: Raising and Lowering Materials	
	8.50	END OF DAY SEVEN	

	NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH		
	COURSE SCHEDULE		
	Document No. NIOSH-PDD-CS-BSC	Revision No. PDD220829	Page 7 / 8

DAY EIGHT

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0830 - 1030	2.00	(CLASSROOM) Refresh Course - Act/Scaffold Terminology and Fittings	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1300	2.25	Continuation	
1300 - 1400	1.00	LUNCH	
1400 - 1600	2.00	(CLASSROOM) Refresh Course - Calculation	
1600 - 1615	0.25	AFTERNOON TEA BREAK	
1615 - 1730	1.25	(CLASSROOM) Refresh Rope and Knots	
1730 - 1830	1.00	Continuation	
	8.50	END OF DAY EIGHT	

DAY NINE

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0830 - 1030	2.00	(CLASSROOM) Refresh Course - Act/Scaffold Terminology and Fittings	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1300	2.25	Continuation	
1300 - 1400	1.00	LUNCH BREAK	
1400 - 1430	0.50	Registration of Attendance Briefing Session	Examination
1430 - 1530	1.00	Assessment Paper 1	Examination
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1545 - 1715	1.50	Assessment Paper 2	Examination
1715 - 1730	0.25	Briefing Session	Examination
	4.25	END OF DAY NINE	

	NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH		
	COURSE SCHEDULE		
	Document No.	Revision No.	Page
	NIOSH-PDD-CS-BSC	PDD220829	8 / 8

DAY TEN

TIME	HOUR	TOPIC	TRAINER / FACILITATOR
0800 - 0830	0.50	Registration of Attendance	Examination
0830 – 0900	0.50	Briefing Session by Assessor	Examination
0900 – 0930	0.50	Site Preparation and Equipment	Examination
0930 – 1030	1.00	Assessment Paper 3	Examination
1030 - 1045	0.25	MORNING TEA BREAK	
1045 – 1245	2.00	Assessment Practical (Erection)	Examination
1245 – 1300	0.25	Briefing Session by Assessor	Examination
1300 – 1400	1.00	LUNCH	
1400 – 1500	1.00	Assessment Practical (Dismantle)	Examination
1500 - 1515	0.25	AFTERNOON TEA BREAK	
1515 - 1730	2.25	Housekeeping and Closing Ceremony	Examination
		END OF THE COURSE	