



COURSE TITLE	:Basic Scaffolder Course	COURSE CODE: BSC
COURSE DURATION	:10 day(s) / 73.75 hour(s)	
COURSE CATEGORY	:Competency	COURSE LEVEL: Basic
HRD CORP SCHEME	: Claimable	
COURSE FEE:	RM 1,961.00 (inclusive of 6% SST)	EXAMINATION FEES: - RM 280.00
TOTAL FEE:	RM 2241.00	

1. OBJECTIVES:

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. Identification hazards
- IV. Determine safe erection and dismantling scaffolding
- V. Fulfill the registration requirement as a Competent Person Scaffolder

2. TARGET GROUPS:

This course 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 Bahasa or English; and
- IV. Able to perform basic mathematical calculations

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



4. TOPICS:

- 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:

- OSHA 1994
- FMA 1967
- DOSH Guidelines
- DOSH Chief Inspector Special Order
- BS EN Standard
- MS Standard
- AS/NZS Standard

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. Group presentation

8. LIST OF PERSONAL PROTECTIVE EQUIPMENT

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



COURSE TITLE: BASIC SCAFFOLDER COURSE

DAY ONE

TIME	HOUR	TOPICS	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 Use 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	TOPICS	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	TOPICS	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	TOPICS	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	TOPICS	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	TOPICS	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	TOPICS	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	

DAY EIGHT

TIME	HOUR	TOPICS	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	TOPICS	TRAINER/ FACILITATOR
0830 - 1030	2.00	(CLASSROOM) Refresh Course - Act/Scaffold Terminology and Fittings	Trainer
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	
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1545 – 1715	1.50	Assessment Paper 2	
1715 - 1730	0.25	Briefing Session	Examination
	7.50	END OF DAY NINE	

DAY TEN

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