



KEMENTERIAN SUMBER MANUSIA

## COURSE SCHEDULE

No. Dokumen	No. Pindaan	Tarikh	Muka Surat
CS-SCF2	00	18-Oct-2024	1 / 7

<b>COURSE TITLE</b>	: Scaffold Erector for Intermediate Level	<b>COURSE CODE:</b> SCF2
<b>COURSE DURATION</b>	: 10 day(s) / 73.75 hour(s)	
<b>COURSE CATEGORY</b>	: Competency	<b>COURSE LEVEL:</b> Intermediate
<b>HRD CORP SCHEME</b>	: Claimable	
<b>COURSE FEE</b>	: RM 2,220.00 (inclusive of 8% SST)	<b>EXAMINATION FEES:</b> - RM 280.00
<b>TOTAL FEE</b>	: RM 2,677.60 (inclusive of 8% SST)	

### 1. OBJECTIVES:

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

- I. Understand Technical Guidance TG20
- II. Determine duties and responsibility an Intermediate Scaffold Erector
- III. Safe manual handling in scaffolding job
- IV. Determine Advanced Guard-rails System (AGS)
- V. Fulfill the registration requirement as a Competent Person Intermediate Scaffold Erector

### 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
- V. Valid Certificate Scaffold Erector for Basic Level

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



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#### 4. TOPICS:

1. Legislative and requirement
2. Collective Fall Protection
3. Manual Handling
4. Operational Guide
5. Use, Inspection & Maintenance of Lifting Equipment and Accessories for Lifting in Scaffolding
6. Risk Assessment and Method Statements (RAMS)

#### 5. LIST OF REFERENCE BOOK:

- OSHA 1994
- DOSH Guidelines
- DOSH Chief Inspector Special Order
- BS EN Standard
- MS Standard
- Technical Guidance TG20:21 Operational Guide
- Technical Guidance TG20:21 Design Guide
- Safety Guidance SG4:2015 Preventing Falls in Scaffolding Operations
- Safety Guidance SG6:2015 Manual Handling in the Scaffolding Industry

#### 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

Last update on 30<sup>th</sup> Sept 2024 by PDD



COURSE SCHEDULE

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**COURSE TITLE: SCAFFOLD ERECTOR FOR INTERMEDIATE LEVEL (SCF2)**

**DAY ONE**

TIME	HOUR	TOPICS	TRAINER/ FACILITATOR
0800 - 0830	0.50	Registration	NIOSH
0830 - 1030	2.00	Topic 01: Legislative and Requirement	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1145	1.00	Continuation	
1145 - 1300	1.25	Topic 02: Collective Fall Protection	
1300 -1400	1.00	LUNCH	
1400 – 1445	0.75	Continuation	
1445 - 1500	0.25	AFTERNOON TEA BREAK	
1500 - 1600	1.00	Continuation	
1600 - 1800	2.00	Topic 03 : Manual Handling	
	<b>8.00</b>	<b>END OF DAY ONE</b>	

**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 Erection Tube and Fittings Independent Scaffoldings	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1300	1.25	Continuation	
1300 - 1400	1.00	LUNCH BREAK	
1400 - 1500	1.00	Practical Erection Structure 01 – Cantilever Scaffold	
1500 - 1515	0.25	AFTERNOON TEA BREAK	
1515 – 1715	2.00	Continuation	
1715 - 1900	1.75	Site Clearance and Housekeeping	
	<b>9.00</b>	<b>END OF DAY TWO</b>	



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**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 02 (Truss-out)	
0930 - 1015	0.75	Practical Erection Structure 02	
1015 – 1030	0.25	MORNING TEA BREAK	
1030 - 1300	2.50	Continuation	
1300 – 1400	1.00	LUNCH	
1400 – 1600	2.00	Continuation	
1600 – 1615	0.25	AFTERNOON TEA BREAK	
1615 – 1730	1.25	Practical dismantling Structure 02	
1730 – 1900	1.50	Site Clearance and Housekeeping	
	<b>9.00</b>	<b>END OF DAY THREE</b>	

**DAY FOUR**

TIME	HOUR	TOPICS	TRAINER/ FACILITATOR
0830 - 0900	0.50	Safety Briefing for Practical	
0900 - 0930	0.50	Briefing Design Structure 03 (Pavement Gantry)	
0930 - 1000	0.50	Practical Erection Structure 03	
1000 - 1015	0.25	MORNING TEA BREAK	
1015 - 1300	2.75	Continuation	
1300 – 1400	1.00	LUNCH	
1400 – 1600	2.00	Continuation	
1600 - 1615	0.25	AFTERNOON TEA BREAK	
1615 - 1730	1.25	Continuation	
1730 – 1900	1.50	Site Clearance and Housekeeping	
	<b>9.00</b>	<b>END OF DAY FOUR</b>	



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### DAY FIVE

TIME	HOUR	TOPICS	TRAINER/ FACILITATOR
0830 - 0900	0.50	Safety Briefing for Practical	
0900 - 1000	1.00	Practical Erection Structure 04 (Protective Fans)	
1000 - 1015	0.25	MORNING TEA BREAK	
1015 - 1300	2.75	Continuation	
1300 - 1400	1.00	LUNCH	
1400 - 1500	1.00	Dismantling Structure	
1500 - 1515	0.25	AFTERNOON TEA BREAK	
1515 - 1700	1.75	Continuation	
1700 - 1900	2.00	Site Clearance and Housekeeping	
	<b>9.00</b>	<b>END OF DAY FIVE</b>	

### DAY SIX

TIME	HOUR	TOPICS	TRAINER/ FACILITATOR
0830 - 1000	1.50	Topic 04 : Operational Guide	
1000 - 1015	0.25	MORNING TEA BREAK	
1015 - 1300	2.75	Continuation	
1300 - 1400	1.00	LUNCH	
1400 - 1530	1.50	Continuation	
1530 - 1545	0.25	AFTERNOON TEA BREAK	
1545 - 1630	0.75	Continuation	
1630 - 1830	2.00	Case Studies (Group Activities)	
	<b>8.50</b>	<b>END OF DAY SIX</b>	



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### DAY SEVEN

TIME	HOUR	TOPICS	TRAINER/ FACILITATOR
0830 – 1000	1.50	Topic 05: Use, Inspection & Maintenance of Lifting Equipment and Accessories for Lifting in Scaffolding	
1000 – 1015	0.25	MORNING TEA BREAK	
1015 - 1045	0.50	Continuation	
1045 - 1215	1.50	Topic 06: Risk Assessment and Method Statements (RAMS)	
1215 – 1300	0.75	RAMS Data Collection	
1300 – 1400	1.00	LUNCH	
1400 – 1515	1.25	Continuation	
1515- 1530	0.25	AFTERNOON TEA BREAK	
1530 - 1830	3.00	RAMS Presentation	
	<b>8.50</b>	<b>END OF DAY SEVEN</b>	

### DAY EIGHT

TIME	HOUR	TOPICS	TRAINER/ FACILITATOR
0830 - 1030	2.00	Practical Erection Structure 01 – Cantilever Scaffold	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1300	2.25	Continuation	
1300 - 1400	1.00	LUNCH	
1400 - 1600	2.00	Practical Dismantled Structure 01 – Cantilever Scaffold	
1600 - 1615	0.25	AFTERNOON TEA BREAK	
1615 - 1730	1.25	Continuation	
1730 - 1830	1.00	Site Clearance and Housekeeping	
	<b>8.50</b>	<b>END OF DAY EIGHT</b>	



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### DAY NINE

TIME	HOUR	TOPICS	TRAINER/ FACILITATOR
0830 - 1030	2.00	CLASSROOM) Refresh Course - Collective Fall Protection/Operational Guide/Manual Handling	Trainer
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1300	2.25	Continuation	
1300 - 1400	1.00	LUNCH BREAK	
1400 - 1500	1.00	Continuous Assessment	
1500 - 1515	0.25	AFTERNOON TEA BREAK	
1515 - 1730	2.25	Continuous Assessment	
	<b>7.50</b>	<b>END OF DAY NINE</b>	

### DAY TEN

TIME	HOUR	TOPICS	TRAINER/ FACILITATOR
0800 - 0830	0.50	Registration of Attendance	Examination
0830 - 0900	0.50	Briefing Session by Assessor	
0900 - 0930	0.50	Site Preparation and Equipment	
0930 - 1030	1.00	Assessment Practical (Erection)	
1030 - 1045	0.25	MORNING TEA BREAK	
1045 - 1300	2.25	Continuation	
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	
	<b>8.00</b>	<b>END OF THE COURSE</b>	