



BEM-ECP SAFETY, HEALTH AND ENVIRONMENTAL EXCELLENCE AWARD (BESHEXA) 2024

CRITERIA FOR BESHEXA

By : Ir. HASRUDIN BIN MD FADZALI

Date : 26 March 2024

10 INTRODUCTION



- BEM- ECP Safety, Health and Environmental Excellence Award **(BESHEXA)**
- Bi - annual award presented to ECP members
- The BESHEXA Program begin in 2022.
- This BESHEXA also an aspiration towards achieving safety, health and environmental in the ECP organization
- There are 2 categories based on the number of engineer.
Category A is for ECP having **more than 10 engineers** and
Category B is for ECP having **up to 10 engineers**.

2.0 OBJECTIVE



- Provide an independent and professional evaluation and platform for benchmarking for an organization towards SHE commitment, management and performance.
- Share on the latest SHE knowledge and best practices among the ECP and the industries to improve their SHE management and performance.
- Recognize the SHE achievement of participating organizations as exemplary model for others to emulate especially in cultivating SHE cultures at the workplace.
- BEM- ECP commitment in supporting government to ensure the effectiveness of SHE management implementation that will improve the company's productivity and a safer and healthier workforce.

3.0 PARTICIPATION PROCEDURES



Each entry must complete the following actions:

- Nomination is through the participation form that can be obtained from the BEM website or invitation from BEM
- Candidates are required to comply with the conditions of participation as in Appendix C:
 - 1) Registered as an Engineering Consulting Practice (ECP)
 - 2) Practice SHE in the office and take into account in service delivery
 - 3) Have a SHE committee in the workplace

4.0 EVALUATION AND SCORING CRITERIA



- ECPs that pass the conditions will be evaluated according to criteria and categories as in Appendix D or Appendix E :

APPENDIX D

EVALUATION AND SCORING CRITERIA

DETAILED CRITERIA FOR EVALUATION AND SCORING BEM- ECP SAFETY, HEALTH AND ENVIRONMENTAL EXCELLENCE AWARD (BESHEXA)

The detailed criteria are based on the following assessments:

- A. Documentation Assessment
- B. Site Assessment (if necessary)
- C. Presentation

EVALUATION CRITERIA FOR BESHEXA – CATEGORY A

(ECP having more than 10 engineers)

ITEM	ELEMENTS	MARKING				EVIDENCE
		1	2	3	4	
1. POLICY						
1.1	SHE Policy					SHE policies have been developed, updated and signed by the Managing Director/ CEO
1.2	Understanding and distribution of SHE Policy					SHE policies are easy to understand and communicated to staff / customers
1.3	SHE Policy Review					SHE policies are reviewed to be relevant and in line with the organization's current activities

APPENDIX E

EVALUATION CRITERIA FOR BESHEXA – CATEGORY B

(ECP having up to 10 engineers)

ITEM	ELEMENTS	MARKING				EVIDENCE
		1	2	3	4	
1. POLICY						
1.1	SHE Policy					SHE policies have been developed, updated, and signed by the Managing Director/ CEO
1.2	Understanding and distribution of SHE Policy					SHE policies are easy to understand and communicated to staff / customers
1.3	SHE Policy Review					SHE policies are reviewed to be relevant and in line with the organization's current activities
2. OBJECTIVE						
2.1	SHE objectives					SHE objectives are developed in accordance with the SHE Policy that has been set. Targets to objectives are established for monitoring purposes.
2.2	Dissemination and understanding of SHE Objectives					SHE objectives are documented communicated to staff/ customers and understood.
2.3	SHE Objective Review					Objective reviews are made (if necessary) based on the objective targets achieved and should be realistic

3.0 PARTICIPATION PROCEDURES



- Candidates are required to prepare executive reports and evidence documents in accordance with the Evaluation and Scoring Criteria
- Selected ECP has to make a presentation to the judges for verification purposes

EXECUTIVE REPORT



BESHEXA 2022

EXECUTIVE SUMMARY

BEM - ECP Safety, Health and Environment Excellence Award (BESHEXA) is a bi-annual award presented to ECP members in Malaysia with proven Safety & Health and Environment (SHE) performance. In 2022, PERUNDING SDN BHD were extended the opportunity to participate in this competition and has provided this company with the guidelines needed to write a submission report for the contest. The various elements requested in the guidelines are:

1. Policy
2. Objective
3. Management Commitment
4. Committee
5. Risk Management
6. Competence Program and Awareness
7. Operations Management and Performance Monitoring
8. Functions of the Committee and Activities
9. Innovation and Certification Program
10. SHE Involvement on Site
11. Environmental Management

The elements mentioned above are provided in this report.

4.0 EVALUATION AND SCORING CRITERIA



- The evaluation criteria and marking based on 12 elements in SHE as in Appendix A :

Item	Element	Category A	Category B
1	Policy	5	8
2	Objective	5	8
3	Management Commitment	4	6
4	Committee	6	6
5	Risk Management	8	10
6	Competency program and awareness	5	6
7	Operations and Performance Monitoring	6	8
8	Committee Functions and Activities	37	36
9	Innovation & Certification Program	4	0
10	SHE Involvement on Site	4	0
11	Environmental management	10	10
12	OSHCIM	6	2
	TOTAL MARKS	100	100

5.0 EVALUATION PROCESS



The process of evaluation and selection of nominations is as in Appendix B:

- Pre-assessment report done by Preliminary Assessment Team before propose to panel of judges. The judges will make an evaluation and scoring based on the list of criteria given in accordance to Appendix A.
- Successfully shortlisted entries will be called to make a presentation and assess the level of understanding of SHE in the organization.
- The panel of judges will consolidate the scores and determine the final score.
- The winner will be proposed to Board of Engineers Malaysia (BEM) for approval.
- The Award Ceremony for the winners will be held on BEM Convention / National Technical Professional Day (HPTN).

6.0 EVALUATION CRITERIA FOR BESHEXA



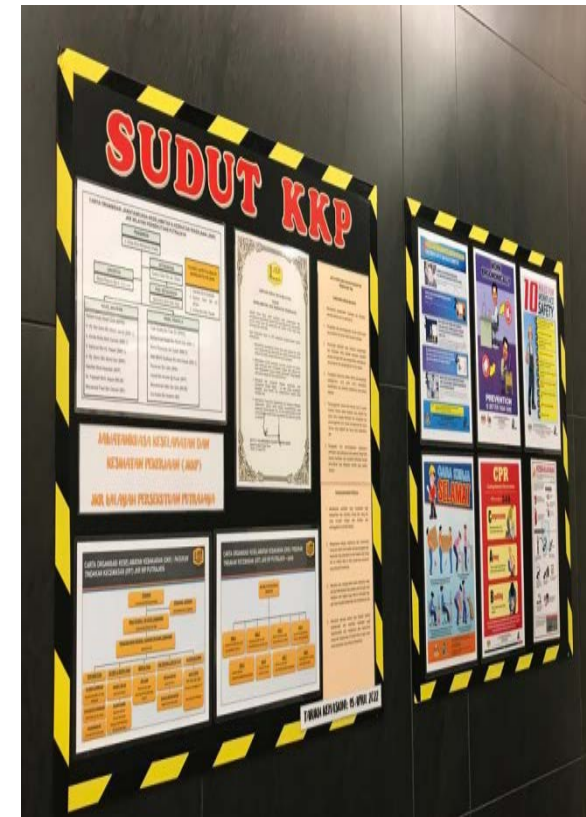
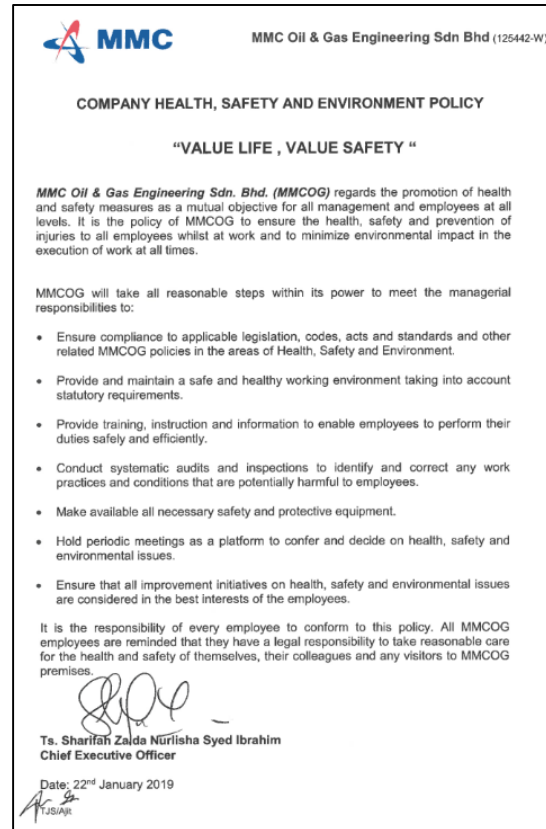
- Category A is for ECP having more than 10 engineers and
- Category B is for ECP having up to 10 engineers.

ITEM	ELEMENTS	MARKING				EVIDENCE
		1	2	3	4	
1. POLICY						
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1.2	Understanding and distribution of SHE Policy					SHE policies are easy to understand and communicated to staff / customers
1.3	SHE Policy Review					SHE policies are reviewed to be relevant and in line with the organization's current activities

6.1 SHE POLICY



SHE Policy



SHE Information Board

6.0 EVALUATION CRITERIA FOR BESHEXA



2. OBJECTIVE					
2.1	SHE objectives				SHE objectives are developed in accordance with the SHE Policy that has been set. Targets to objectives are established for monitoring purposes.
2.2	Dissemination and understanding of SHE Objectives				SHE objectives are documented communicated to staff/ customers and understood.
2.3	SHE Objective Review				Objective reviews are made (if necessary) based on the objective targets achieved and should be realistic

3.MANAGEMENT COMMITMENT					
3.1	Employers understand the overall responsibility to protect the safety, health and environment of employees				Minutes of meetings/ instructions/ employer programs with employees related to SHE
3.2	Employers are involved in SHE activities in the organization				SHE committee meetings are chaired by the top management

6.2. SHE OBJECTIVE



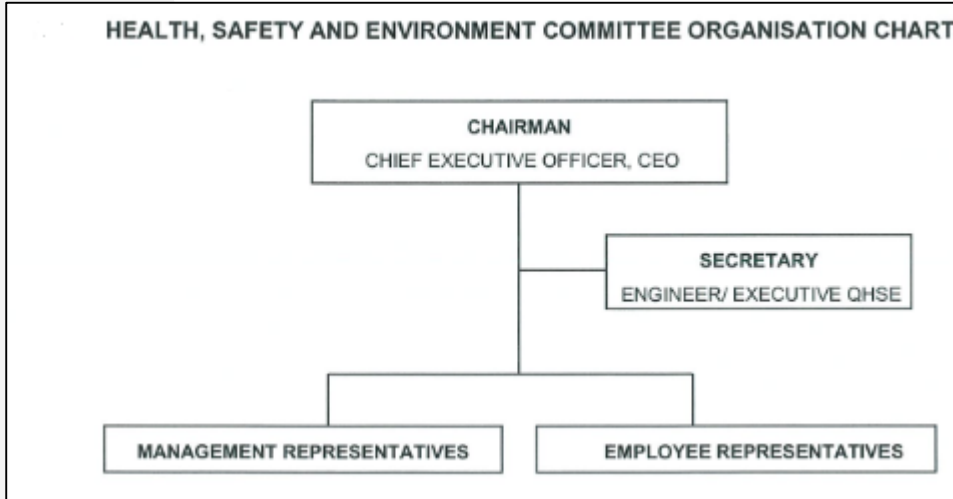
2. Objective

During the last SHE committee meeting of the year and annual management review, we evaluate objectives and performance for the year. Results of this evaluation is the main contributing factor in determining next year's objective and target. For 2022, we have set two (2) objectives for our health and safety management system, and two (2) objectives for our environmental management system. Year 2022 objectives are listed below.

- i. To prevent accident and injury
- ii. To enhance Emergency Response Team's competency
- iii. To increase energy efficiency

OBJECTIVE	TARGET
1. Commitment to prevent of injury.	To achieve "Zero Major Accident" in the organization
2. To comply with applicable legal and its regulation and other ESH requirement to which DPI/DPIK subscribes.	100% compliance to Legal and other requirement

6.3. MANAGEMENT COMMITMENT



SHE Organisation Chart

MEETING NOTES				
Contract Review		Site Meeting		Others
Design Review		Client/Consultant M.		<input checked="" type="checkbox"/>
TITLE	HSE Committee Meeting No. 1		DATE	02.06.2022
ATTENDED BY	As per Meeting Attendance Register		JOB NOS.	N/A
CALLED BY	Shevon Chia		START TIME	2.00PM
CHAIRD BY	Ir. James Yong		FINISH TIME	2.30PM
			VENUE	PY Conference Room
ITEM	MATTERS DISCUSSED		Action	Due Date
1)	Ir. James welcomed all attendees who attended the meeting.			
2)	1 number of incident report was recorded in the past 3 months. <ul style="list-style-type: none"> 28th March 2022 - Haikal's vehicle collided with the Architect's vehicle at site office. No further action is required. 			
3)	Workplace Inspection was conducted by Shevon Chia on 15 th April 2022.			
4)	Ir. Shim mentioned there is no warning sign for "Mind Your Head" underneath the staircase. Shevon to arrange for warning sign and reflective tape.		Shevon/ Izzuddin	
5)	Based on the workplace inspection checklist conducted in April, Ir. Shim suggested to add recycle bins in the office. Shevon to arrange for the recycle bins.		Shevon/ Izzuddin	
6)	Lily proposed to digitalize Incident Report into JotForm in order to ease the procedure of filling up the Incident Report. Shevon suggested to add First Aid Box Usage Log Sheet and HSE Complaint Form into Jot Form. Shevon to prepare for the question for Lily to create JotForm.		Shevon/ Lily	
7)	Ir. James mentioned there is a need to conduct surveys on working environment matters (i.e. Lighting, Noise, Temperature, Ergonomics, etc.). All employees are required to participate in the survey, so as to obtain comprehensive feedback from the employees, rather than depending on the quarterly workplace inspection only.		Shevon/ Izzuddin	

SHE minutes of meeting

SHE committee meeting



Figure 12 AMS Committee Meeting attended by AMSC members chaired by AMSC Chairperson



Figure 13 Project team carrying out a Safety in Design Review with the Project Manager

6.0 EVALUATION CRITERIA FOR BESHEXA



4. COMMITTEE					
4.1	Appointment of SHE Committee				SHE Committee appointment letter with organization chart. Letters of appointment, list of duties and responsibilities are distributed to the appointed members.
4.2	SHE Secretary				The SHE Secretary is appointed from among the SHO or staff who have sufficient knowledge of SHE.
4.3	SHE Members				SHE members is balanced and meets the requirements of the act and covers all parts of the organization
5. RISK MANAGEMENT					
5.1	SHE Risk Management Plan				A Risk Management Plan for SHE has been developed and action taken to control the risk
5.2	Risk Assessment (Hazard Identification, Risk Assessment, and Determining Control - HIRADC)				Assessments are provided for all routine and non -routine activities
5.3	Arrangements for Safe Work				Have SHE Manual / Safe Work Instruction Manual developed and used. SOPs are created according to the activities of the organization
5.4	Legal Compliance				Comply with legislation (acts & regulations) related to SHE

6.4. SHE COMMITTEE



ivl Structural & Geotechnical Consulting Engineers (Co.No.150165-U) GST ID : 0080076800
Lot 15 & 16, 1st Fl, Bk C, Imanis Centre, Jln Lintas, 88450 Kota Kinabalu, Sabah. P.O.Box 20190, 88758 Damai Luyang, Kota Kinabalu, Sabah.
T : 088 361 888 | F : 088 381 833 | E : pykpsb@gmail.com | W : www.pykonsep.com.my



Our Ref. : GEN254-2022-001-JY-rc-L

Date : 19th May 2022

Attn: Ms. Shevon Chia

Dear Madam,

~ Appointment as Health, Safety and Environment (HSE) Committee -Secretary

We are pleased to inform you that you have been appointed for the role of Secretary in the HSE committee. This is an official letter confirming your position starting on 23rd May 2022.

The responsibilities and tasks as a Secretary are listed as follows:

1. Conduct safety and health job analyses to identify problems.
2. Design and conduct health, safety and environment surveys.
3. Respond to concerns raised by representatives of employer and employees.
4. Recommend training for new employees and refresher training on health and safety practices, procedures and emergency response.
5. Keep employer and employees informed about the committee's activities.
6. Review incident reports and make recommendations for appropriate corrective action.
7. Record and distribute minutes of meeting to the committee.

On behalf of the HSE committee, we would like to welcome you to be part of the team. We look forward to years of fruitful cooperation and together we strive for the best.

Yours faithfully,

PY KONSEP PERUNDING SDN BHD

Ir. James Yong Hon Min
Chairman

SHE Appointment letter

JABATAN KESELAMATAN DAN KESIHATAN PEKERJAAN
AKTA KESELAMATAN DAN KESIHATAN PEKERJAAN MALAYSIA 1994
PERATURAN-PERATURAN KESELAMATAN DAN KESIHATAN PEKERJAAN
(PEGAWAI KESELAMATAN DAN KESIHATAN) 1997 (P.U. (A) 315)

SLIP PERAKUAN PENDAFTARAN
Peraturan 7

No. Pendaftaran : HQ/20/SKO/00/03126 Ini adalah memperakui bahawa pemegang slip perakuan ini telah didaftarkan sebagai Pegawai Keselamatan dan Kesihatan di bawah peruntukan Peraturan 6-(1). Peraturan-peraturan Keselamatan dan Kesihatan Pekerjaan (Pegawai Keselamatan dan Kesihatan) 1997.

Nama : NURNADIA FAIRUZ BINTI SULAIMAN

No. KP/Pasport : [REDACTED] **Tarikh Lahir :** [REDACTED]

TEMPOH SAH		
Jeris	Dari	Hingga
Pendaftaran	28/05/2020	27/05/2023

Ir. OMAR BIN MAT PIAM
KETUA PENGARAH
Jabatan Keselamatan dan Kesihatan Pekerjaan
Malaysia

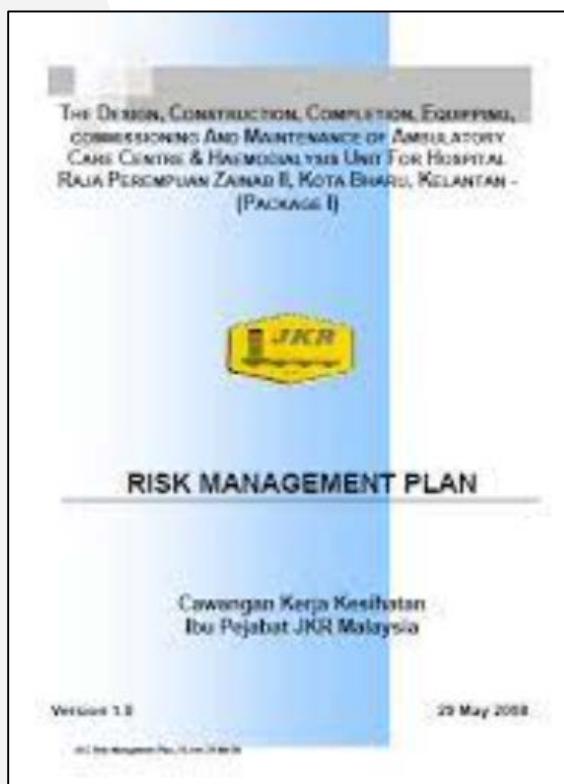
Tarikh : 28/05/2020

Verifikasi Dokumen

Figure 19 SHE (AMSC) Safety Officer Certificate



6.5. RISK MANAGEMENT



Risk Management Plan

		BILLBOARD INSTALLATION AT KM4 KL-SHAH ALAM HIGHWAY (KESAS)				DOC NO: HIRARC/091/2022 REV : 0 PAGE : 1 of 4			
HIRARC FORM									
HIRARC FORM									
HIRARC Title:	BILLBOARD INSTALLATION AT KM4 KESAS			Prepared by:	AHMAD ADNAN		Reviewed by:		
HIRARC Ref. No.	HIRARC/KESAS/091 (REV.0)				ALI		Approved by:		
Date	25 December 2022			SUPERVISOR	SAFETY AND HEALTH OFFICER		PROJECT DIRECTOR		
HAZARD IDENTIFICATION			RISK ANALYSIS				RISK CONTROL		
JOB SEQUENCE	HAZARDS	EFFECT	EXISTING CONTROL MEASURE (If any)	Probability (P)	Severity (S)	Risk Rating P x S		RECOMMENDED CONTROL MEASURE	RESPONSIBLE PERSON (PIC)
						Score	Level		
1. Mobilization of worker to site location	1. Driving onsite	Collision with another vehicle • Physical Injury • Property Damage	• Competent Driver • Schedule Maintenance	3	3	9	M	• Adhere to local speed limit • Mobile phones must not be used during driving • Seat belt to be worn by all including passenger	Driver / Passenger
2. Install base of billboard	Falling from height	Fatal/Major Injury	• Use safety harness properly and hook at anchor point • Training for working at height	4	4	16	H	• Valid PTW for using skylift must be applied.	Site Supervisor/ HSE /Worker
	Finger Injury	Pinch point	• Use suitable hand gloves	2	2	4	L	• Hand tools are only to be used for their intended purpose.	Site Supervisor/ HSE /Worker

HIRARC / HIRADC Document

6.5. RISK MANAGEMENT



LEGAL AND OTHER REQUIREMENT REGISTER			
		Proc. No.: Procedure 33 Form No: Proce 33-1 Rev. No: 01 Effective Date: 25 April 2022	
REVISION NO	REVISION DATE	ACT / REGULATIONS / RULES / ORDER	REGULATOR
A. HEALTH & SAFETY			
-	24 February, 1994	OSHA - Occupational Safety & Health Act 1994 - Part II Appointment of Officers - Part IV (Section 15, 16 & 17) - Part VI (Section 24, 25, 26 & 27) - Part VII (Section 29, 30 & 31) - Part VIII (Section 32, 33 & 34)	JY/SC
-	1 May, 2006	Uniform Building By Law (UBBL) Act 133 - Part VIII (Fire Alarm, Fire Detection, Fire Extinguishment and Fire Fighting Access)	JY/SC
-	26 December, 1996	SHC-OSH (Safety & Health Committee) Regulation 1996 - Regulation 12. Inspection of place of work - Regulation 21. Frequency of meetings of committee - Regulation 30. Duty to make available relevant document and information.	JY/SC

LEGAL AND OTHER REQUIREMENTS REGISTER				
#	Legislations	Year	Regulator	Remark
1	Occupational Safety and Health Act 1994	1994	DOSH	
2	Occupational Safety and Health (Employer's Safety and Health General Policy Statement) (Exception) Regulations 1995	1995	DOSH	
3	Occupational Safety and Health (Safety and Health Committee) Regulation 1996	1996	DOSH	
4	Occupational Safety and Health (Classification, Labeling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013	2013	DOSH	
5	Occupational Safety and Health (Safety and Health Officer) Regulations 1997	1997	DOSH	
6	Occupational Safety and Health (Safety and Health Officer) Order 1997	1997	DOSH	
7	Use and Standards of Exposure of Chemicals Hazardous to Health Regulations 2000	2000	DOSH	
8	Use and Standards of Exposure of Chemicals Hazardous to Health Regulations 2000	2000	DOSH	
9	Notification of Accident, Dangerous Occurrence, Occupational Poisoning and Occupational Disease, Regulations 2004	2004	DOSH	
10	Occupational Safety and Health (Noise Exposure) Regulations 2019	2019	DOSH	
11	Factories and Machinery Act, 1967	1967	DOSH	1. Project Site 2. HQ - non-routine, external contractor
12	Factories and Machinery (Building Operations and Works of Engineering Construction) (Safety) Regulations, 1986	1986	DOSH	1. Project Site 2. HQ - non-routine, external contractor
13	Factories and Machinery (Safety, Health, And Welfare) Regulations, 1970	1970	DOSH	1. Project Site
14	Employees' Social Security Act 1969	1969	PERKESO	
15	Employees' Social Security (General) Regulations, 1971	1969	PERKESO	
16	Fire Services Act, 1988	1988	Jabatan Bomba dan Penyelamat Malaysia	

Legal and Other Requirements Register

6.0 EVALUATION CRITERIA FOR BESHEXA



6. COMPETENCE PROGRAM AND AWARENESS					
6.1	SHE Annual Program is planned and implemented including competent person courses				Program Calendar is prepared, implemented according to plan and recorded
6.2	Ongoing training covers all levels of Staff/ Employment				Course records and attendance records
6.3	Occupational Health/ Medical Program				Health examination records

7. OPERATIONS AND PERFORMANCE MONITORING					
7.1	Occupational Safety, Health And Environment Audit				Records and audit reports that have been performed - OSHWA / Workplace audit
7.2	Personal Protective Equipment (PPE) Provision Program				Record of PPE delivery and proper PPE operation training
7.3	SHE record system				An organized and easily accessible and updated file system

6.6. COMPETENCE PROGRAM AND AWARENESS



2022 HEALTH, SAFETY & ENVIRONMENT PLAN

NO	ACTIVITY	DESCRIPTION	FREQUENCY		2022											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HSE CORPORATE PLAN	1 Safety Induction for New Employee (Include 5S Awareness Briefing)	Conducted to ensure all new employees are aware on work and office HSE requirement.	When New Staff Join	Planned Actual	3	1	2	1	4							
	2 Office Safety Briefing for Clients/Visitors	Conducted to ensure all clients/vendors/sub-contractor/visitors are aware on MMCOG Office Safety.	As/When Required	Planned Actual												
	3 Safety Moment Briefing on Kick Off Meeting	Briefing on Safety Moment before every Project Kick Off Meeting	As/When Required	Planned Actual												
	4 Updating MMCOG Safety Statistic	Will include FAR, LTF, TRCF and Percentage of Accident / Incident Resolved for both Corporate and Projects.	Monthly	Planned Actual	1	1	1	1	1	1	1	1	1	1	1	1
	5 Updating Covid-19 statistic	To update COVID-19 case(s) statistic monthly to MMCOG and MMCOG HSE Committee Meeting (Quarterly)	Monthly and Quarterly	Planned Actual	1	1	1	1	1	1	1	1	1	1	1	1
	6 MMCOG HSE Manual/Procedures review	To review HSE Manual, procedures and forms to ensure all information are up to date.	As/When required	Planned Actual				2								
	7 Muster (Fire & Evacuation) Drill Exercise	To conduct Fire Drill Exercise (Internal/Combine with Fire & Rescue/Combine with Agency) to ensure all parties are well prepared in case of emergency.	Yearly	Planned Actual												
	8 MMCOG HSE Plan	To ensure all planned HSE activities are approved and implemented.	Monthly	Planned Actual	1	1	1	1	1	1	1	1	1	1	1	1
	9 HSE Awareness	To create and maintain HSE Awareness to all staff via Communication Channel.	Weekly	Planned Actual	4	4	5	4	5	4	4	5	4	4	5	4
	10 Sign In/Sign Out Audit	To monitor compliance on the company's Sign In/ Sign Out procedure in the Attendance Log Book (ALB)	twice a year	Planned Actual						1						1
	11 Management HSE Walkabout Visit	Walkabout inspection/programme advisor & participation of Management to demonstrate commitment toward HSE	Quarterly	Planned Actual			1			1		1			1	
	12 Occupational Safety & Health Program - Hygiene & Sanitation Inspection Drug & Alcohol Policy	To conduct random and unannounced Abuse Substance and Alcohol Screening & hygiene and sanitation inspection to enforce MMCOG Supplementary HSE Policy	twice a year	Planned Actual						1				1		
	13 UAUC Card Completion Updated	To promote th culture of VALUE LIFE, VALUE SAFETY where MMCOG staff are encourage to report any hazards within the building and office.	twice a year	Planned Actual						1						1
	14 Project Site Visit Requirement (COVID-19 Testing,PPE Wearing, pre-screening Drug and Alcohol test,safety training/passport, Medical equipment, etc)	Entry requirement specified by Clients to their Facilities/Premises	As/When Required	Planned Actual												
HSE COMMITTEE PLAN	15 PPE Inspection based on Client Specifications and Requirements	To ensure PPE provided to staff for site visit are according to Clients' specification and Requirements and are in good working condition.	As/when required	Planned Actual												
	16 HSE Internal Quality Audit	To ensure all HSE activities in are complied with MMCOG HSE Manual and Procedures.	Yearly	Planned Actual										1		
	17 HSE Inspection	To inspect MMCOG Office to ascertain if there is anything harmful to HSE aspect.	Quarterly	Planned Actual			1			1						1
HSE TRAINING PLAN	18 HSE Committee Meeting	To discuss on HSE matters in MMCOG working environment.	Quarterly	Planned Actual	1			1						1		
	19 Basic Fire Safety and First Aid Refresher	Internal refresher among Emergency Respond Team (ERT) members.	Yearly	Planned Actual												
	20 Basic Offshore Safety Emergency Training (BOSET)	To be attended by Technical staff before Site Visit	As/When Required	Planned Actual												
	21 Basic Offshore Safety Emergency Training (BOSET) - Refresher	To be attended by Technical staff before Site Visit	As/When Required	Planned Actual												
	22 Combined Sea Survival, Fire Fighting and HUET with EBS	To be attended by HSE Officer/Engineer (where applicable)	As/When Required	Planned Actual												
	23 Combined Sea Survival, Fire Fighting and HUET with EBS - Refresher	To be attended by Technical staff before Site Visit	As/When Required	Planned Actual												
	24 PCSE Zero Tolerance Rules (ZETO) Briefing	Conduct to ensure all staff are aware of ZETO rules.	When New Staff Join	Planned Actual												
	25 EMEPM SSH&E Induction Briefing	To be attended by staff before Site Visit to EMEPM site.	As/When Required	Planned Actual												
	26 NIOSH-Oil & Gas Safety Passport (OGSP)	To be attended by staff before visiting sites that require the OGSP.	As/When Required	Planned Actual												

0	31/05/22	PI			NHS
REV	DATE	ISSUED	CHECKED	APPROVED	

Program Calendar

6.6. COMPETENCE PROGRAM AND AWARENESS



Course attendance records

6.7. OPERATIONS AND PERFORMANCE MONITORING



ENVIRONMENTAL MANAGEMENT

Environment Checking on Site

Daily Tracking on Climate/ Humidity Level/Lightning

Work Environment

Weather	Morning	Afternoon	Sunny	Remarks
Weather	Partly Cloudy	Partly Cloudy		
Wind (km / Hr)	5	9		
Temperature/ Heat (°C)	28	29	33 C Fair	
Humidity (HUM %)	79	77	<70% Good	
UV Index	8 of 10	Extreme		



Chemical Storage

-Designated chemical storage with containment on site



HSE Inspections & Awareness:

Inspections

- Quarterly
- Office
- Emergency exits & staircases
- First Aid Kits
- PPE

Awareness/Alerts

- Weekly
- via Online Communication Channel

Workplace audit

6.7. OPERATIONS AND PERFORMANCE MONITORING



PPE List as of 27 May 2022

No.	PPE	Total	Brand	Remark
1	Safety Helmet	12	Proguard	Current have SIRIM label only. Any new purchase to ensure have SIRIM-DOSH label
2	Safety Vest	16	Safety Vest Logo H&T (Green Line Silver) = 12. Brand TLS Safety Vest (Orange Line Green) = 1 (Safety Vest Orange Line Silver)=3	-
3	Safety Shoe	0	-	Any new purchase to ensure have SIRIM-DOSH label
5	Respiratory Protective Devices – Full Face Masks (particulate)	4	3M, Model 6800	Refer to No Kelulusan JKKP/2021/12-01/00018 No Ruj SIRIM PC010931 With NIOSH label Expiry Date 04/2025 For sanitation purpose



HSE Inspections & Awareness:

Inspections



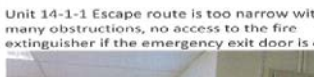

- Quarterly
- Office
- Emergency exits & staircases
- First Aid Kits
- PPE

Awareness/Alerts

- Weekly
- via Online Communication Channel

SHE Office Inspection

Supporting Photos for March 2022 Inspection



Inspector's comment	Actionee's Response
1. FIRE PROTECTION Unit 10-2-2 Emergency Exit Door obstructed 	Remove all block item. 
Unit 14-1-1 Escape route is too narrow with many obstructions, no access to the fire extinguisher if the emergency exit door is open. 	Rearrange table for more comfortable space for accessing the emergency exit door 

Audit reports

6.7. OPERATIONS AND PERFORMANCE MONITORING



PPE SPECIFICATIONS

TYPE OF PPE	SPECIFICATION	REPLACEMENT CRITERIA
1. Head Protection Safety Helmet  White Safety Helmet  Red Safety Helmet	<ul style="list-style-type: none"> BS EN 397: Industrial Safety Helmet or ANSI Z89 : Hard Hats or MS 183 :2001 Specification for industrial Safety Helmet (first revision) Capable of accommodating accessories without depreciation of standard Colour can be varied according to the needs No painting or application of stickers 	On average, polyethylene helmet should be replaced every 2 ½ years (30 months). However if the PPE exhibits the following conditions, it shall be replaced: <ul style="list-style-type: none"> There is an evidence of split or hairline cracks at the shell Excessive discoloration of the shell or weathering of the surface Defective or damaged harness/ cradle set Broken /torn chinstrap or harness strap Lost of helmet



PPE Record

6.0 EVALUATION CRITERIA FOR BESHEXA



8. COMMITTEE FUNCTIONS AND ACTIVITIES					
8.1	Meetings of the SHE Committee are held according to the period as prescribed by the act				Meeting call letter with meeting minutes. Meetings shall be held at least once every three (3) months. Minutes of meetings must be kept within seven (7) years
8.2	Meetings of the SHE Committee meetings are attended by a sufficient quorum				The quorum for the meeting shall include the Chairman, Secretary and half of the committee members
8.3	The attendance of committee members was recorded				Absence of committee members to the meeting three (3) times in a row without the permission of the Chairman may result in members was removed from the committee
8.4	People other than committee are invited to attend the meeting				Committee invites other to attend the meeting to discuss matters related to Safety, Health and Environment as stated in Regulation 25, Occupational Safety and Health Regulations
8.5	Committee members assists in developing SHE on rules and safe work				Preparation of Manuals, Procedures, SHE Instructions involving committee members. Record of involvement of committee members

6.0 EVALUATION CRITERIA FOR BESHEXA



8. COMMITTEE FUNCTIONS AND ACTIVITIES					
8.6	Review the effectiveness of methods and programs				The committee reviews the effectiveness of the Manual, Procedures, Instructions and also the programs that have been implemented.
8.7	SHE Committee conducts a study of the trends of accidents and dangerous incidents that occur and can occur in the workplace				Analysis of trends regarding accidents, near misses, dangerous occurrences, occupational poisoning, occupational diseases or any unsafe conditions and practices is reported, studied and made improvement.
8.8	Committee members inspects the workplace				Workplace inspections comply with the requirements of the act, which is at least once every three (3) months.
8.9	Inspections are recorded, reported and remedial action made				Observations found during the inspection were discussed and a report was made. The report is submitted to the employer for remedial action
8.10	Reports from third parties are taken into account in performing the functions of the committee				SHE Committee considers reports from auditors, reports from government agencies such as DOSH/BOMBA in performing their duties and functions

6.0 EVALUATION CRITERIA FOR BESHEXA



8. COMMITTEE FUNCTIONS AND ACTIVITIES					
8.11	SHE Committee is given adequate training				Committee must ensure that members are given training and basic knowledge related to SHE and enable members to perform their duties effectively
8.12	Emergency Response Team (ERT)				Letters of appointment along with charts and roles and responsibilities of the ERT team are created, displayed and updated
8.13	Trained First Aider				Training certificate from a recognized body
8.14	Emergency Contact Person				Prepared, updated and on display
8.15	Emergency Response Plan (ERP)				ERP SOPs are prepared and emergency routes are displayed in strategic areas
8.16	Fire emergency preparedness				Fire drills are carried out at least once a year, inspection reports, emergency routes and assembly area during emergencies are identified
8.17	Visitor safety briefing				Given to visitors (before meetings, etc.)
8.18	First aid kit facilities				First aid kits are provided and in accordance with specifications / Guidelines and are not expired

6.8. COMMITTEE FUNCTIONS AND ACTIVITIES



MEMO

To : Safety, Health & Environment Steering Committee
From : Ir. Teh Tzyy Wooli
Date : 15 December 2021
Subject : MS ISO 14001:2015 & MS ISO 45001:2018 – Safety, Health & Environment Safety, Steering Committee

The Company has obtained MS ISO 14001:2015 Environmental Management Systems and MS ISO 45001:2018 Occupational Health and Safety Management Systems certification. Effective from 15 December 2021, you had been appointed as role below:

SAFETY COMMITTEE	STEERING COMMITTEE
Chairman : Ir. Teh Tzyy Wooli Secretary : Bahariah Management Representative : Cynthia Sin Employer Representative : 1. Ruzitah 2. Tan Wang Khai 3. Ooi Heong Beng 4. Nor Masitah Employee Representative : 1. Nurfaridatul Asni 2. Yap Yong Qi (Raina) 3. Nik Asyraf Syafiq 4. Mohamad Radhi Steering Committee Leader : 1. Lim King Ning (Leader 1) 2. Zainin (Leader 2)	First Aid Committee : 1. Naquiddin (Leader) 2. Lim Wen Yee 3. Amalina 4. Bryan Teoh 5. Low Kar Thay (KT) Fire Safety Committee : 1. Zainin (Leader) 2. Thai Kim Sing Legal Committee : 1. Ooi Jingwen (Leader) 2. Lim Xiao Phen (Tim) Evacuation & Waste Management Committee : 1. Mohd Saiful (Ayen) (Leader) 2. Pitriawati 3. Nur Fatimah

As committee you are require to ensure proper implementation of our Integrated Management System. The role of the committee shall refer to Job Description. We seek for your continuous

H&T Associates/ H&T Consulting Engineers



Meeting Minutes

Meeting Title: Safety, Health and Environment (SHE) Meeting – 5 th		
MINUTES	Meeting Date: 15 th December 2021	Meeting Time: 12.00pm
Meeting Location:	Meeting Room	
Meeting called by:	Bahariah (Secretary)	
Type of meeting	To discuss issues related to Safety, Health and environment concerns	
Minutes		
Present:	Ir. Teh Tzyy Wooli (TTW) – Chairman	Nurfardatul Asni (ASNI) – Employee Rep
	Nor Masitah (MAS) – Employer Rep	Yap Yong Qi (RAINA) – Employee Rep
	Ruzitah (RS) – Employer Rep	Nik Asyraf Syafiq – Employee Rep
	Bahariah Napiah – (Secretary)	Mohamad Radhi – Employee Rep
	Lim King Ning (LKN) – Steering Committee Leader 1	Lim Wen Yee (LWY)
	Zainin (ZAI) – Steering Committee Leader 2	Lim Xiao Phen (LXP)
	Muhamad Naquiddin (NAQUID)	Thai Kim Sing (TKS)
	Mohd Saiful (Ayen)	Amalina

Concerns on Safety, Health and Environment

Opening meeting - Secretary welcomes Safety Committee to attend 5th Safety, Health and Environmental meeting. Items below are highlighted at the annual SHE meeting on 15th December 2021, 12.00PM:

- Continual improvement as suggested by External Auditor from stage 2 – Staff awareness upon office work place hazard, the control, electricity saving, better use of paper resources, waste segregation and handling. Auditor suggesting on think green policy procurement and to adding Waste Management for Evacuation Committee
- Focus on schedule for Fire Training and drill exercise

No	Agenda Items	Description	PIC	Remark/Status
1	Safety and Health			
1	SHE Policy / SHE Objective	To review Safety, Health and Environment policy	Safety Committee	Drug and alcohol procedure has been established. Effective Date 01 Nov 2021 PR-SHE-10 Prevention: Eradication Of Drug Alcohol PR-SHE-11 Prevention: management of HIV/AIDS at Workplace
2	Legal Compliance	Applicable Legal Compliance	Legal	No changes. Legal Compliance as Date 03

REPORT No.: HSE – 20 2022

MINUTES OF MEETING (CONTINUATION SHEET)

Page 2 of 4

ITEM	DESCRIPTION	ACTION BY	DATE NEEDED
1.0	Opening Address		
1.1	Opening Remarks	For Info	
a)	<p>SN welcoming the HSE Committee Meeting 2Q 2022. She highlighted key points as following:</p> <p>i) All participants shall be equipped with microphone and camera in their workstation during the meeting especially for HSE Committee Meeting.</p> <p>ii) All HSE committee are advised to be more alert on post COVID-19 effect called as Multisystem Inflammatory Syndrome (MIS) especially to children which is dangerous that can lead to fatality.</p>		
b)	FI start the presentation for the 2 nd Q 2022 HSE Committee Meeting.		
1.2	Highlight and Discussion		
	<p>FI presented the 2021 Internal Quality Audit Findings on HSE. One of the CAR is regarding on no qualified Safety Officer in MMCOG. MF responded that in OCCUPATIONAL SAFETY AND HEALTH (Safety And Health Officer) ORDER 1997, MMCOG does not fall into any of 10 categories of Industries that required to employ a competent Safety and Health Officer as MMCOG business nature is Design Engineering Consultant.</p> <p>(refer to attachment 3).</p> <p>HSE Committee noted on this information. Refer Attachment 1.</p> <p>CAR number 2 is regarding no HSE Committee Meeting conducted, and no permission request was filed to the top HSE Committee. MF presented that there was a lack of resources in the QHSE Department in 2021 as there was no replacement for the HSE Secretary who left in 2020. The QHSE staff who took over the role of the HSE Secretary was seconded full time to the Jerun Project when it was awarded in Feb 2021. As the business volume has not return to the normal 2021 and MMCG was still on 4-day week, the employment of another HSE staff was put on hold. Due to unavailability of the current HSE Secretary in Q2 2021, the plan was to combine the Q2 & Q3 meetings. However, this was not formally recorded with approval from the HSE Chairman.</p> <p>HSE Committee noted on this information. Refer Attachment 1.</p>		

[GN-F05 (REV. 3) AUG 09]

SHE call letter & minutes meeting

6.8. COMMITTEE FUNCTIONS AND ACTIVITIES



HSE Monthly meeting



Date : Wed 1st June 2022

Meeting Goals : Coordinate & track HSE actions. Prev accidents and ill-health

Attendees : Name list attached

C-RISK MANAGEMENT
SAFETY & HEALTH MANAGEMENT

MEETING RECORD

Project/Training : 001_Canberra_Mining

Date : 01/06/2022

Location : Shah Alam, Selangor

No.	Name	Signature	Department	Initials
1	Yusuf bin		SA	
2	Yusuf bin		SA	
3	Yusuf bin		SA	
4	Yusuf bin		SA	
5	Yusuf bin		SA	
6	Yusuf bin		SA	
7	Yusuf bin		SA	
8	Yusuf bin		SA	
9	Yusuf bin		SA	
10	Yusuf bin		SA	
11	Yusuf bin		SA	
12	Yusuf bin		SA	
13	Yusuf bin		SA	
14	Yusuf bin		SA	
15	Yusuf bin		SA	
16	Yusuf bin		SA	
17	Yusuf bin		SA	
18	Yusuf bin		SA	
19	Yusuf bin		SA	
20	Yusuf bin		SA	
21	Yusuf bin		SA	
22	Yusuf bin		SA	
23	Yusuf bin		SA	
24	Yusuf bin		SA	
25	Yusuf bin		SA	
26	Yusuf bin		SA	
27	Yusuf bin		SA	
28	Yusuf bin		SA	
29	Yusuf bin		SA	
30	Yusuf bin		SA	

Priority Action items :

- Security to check red sticker for ca
- Area owner to be posted at site
- ERP- Trauma case (bandages, torn
- Safety signage inside machinery cu
- Names and photos on plant and Di
- DB trip in main building to be check
- Contractors to update workers nan
- PreTask checklist implementation
- Workers are prohibited from remov

Ideas for Improvement :





- Car park extension under planning
- Wild animals (dog) at site to reloca
- Vest ID for each NSC
- Housekeeping at site and material
- Temporary power guideline

SHE meeting & attendance

6.8. COMMITTEE FUNCTIONS AND ACTIVITIES





Office Environment Health & Safety Checklist

3. First Aid							
19	Sufficient number of trained first aiders or appointed persons available for numbers employed	✓	Currently only one. To train & nominate additional First Aider	MMC QHSE	31/3/2021	30/3/2021	C
Will pass to Izzat/ nani. Done to Izzat							
							
20	Means readily available for summoning first aid	✓	To provide First Aider Tag & Signage visible	MMC QHSE			
21	First aiders are known to most staff and published on noticeboards, desktop guides	✓	To provide First Aider Tag & Signage visible	MMC QHSE			
22	Adequate numbers of first aid supplies/boxes provided	✓	Not visible	MMC QHSE			

Fire Extinguishers inspection / checking

Allocate Fire Extinguishers on site



Descriptions	Yes	No
2. Wall in good condition.	/	
3. Ceiling in good condition.	/	
E Fire Safety		
1. Are fire extinguishers adequate, charged, pins secure, mounted and tags?	/	
2. Are fire extinguishers and call alarms accessible?	/	
3. Are exit doors unobstructed, closed and no door stoppers being used to keep them open?	/	
4. Are exits sign illuminated and properly marked?	/	
F Housekeeping		
1. Good housekeeping is practiced and maintained, free of clutter, clean and orderly.	/	
<p>Mechanical Department Mechanical to do housekeeping</p>  <p>Mechanical to dispose old folder/document that more than 10 years</p> 		
G Stairway, Pantry, Toilet		
1. Are stairways clear, no obstruction and in good condition?	/	
2. Pantry in good condition.	/	
3. Are toilets in good condition, no leakages and adequate lighting?	/	

Inspection at work place

6.8. COMMITTEE FUNCTIONS AND ACTIVITIES



Safety & Health and Environment (SHE)Training & Activities

Induction for new workers.

Visitors:

- Briefing conducted to all visitors coming to the site



FIRE DRILL FOR 2021 (MMC OIL & GAS ENGINEERING SDN. BHD.)



First Aid Station

- AED on site
- Stretchers
- First Aid Box



(a) First Floor - displayed at working area



Fire Extinguisher Training



SHE training

6.8. COMMITTEE FUNCTIONS AND ACTIVITIES



QHSE Department

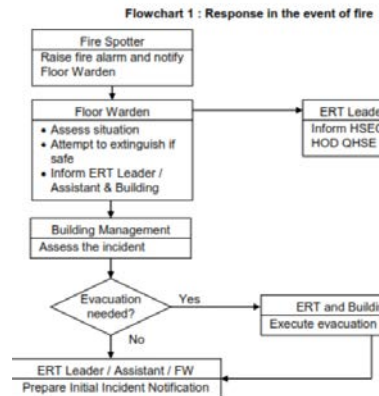
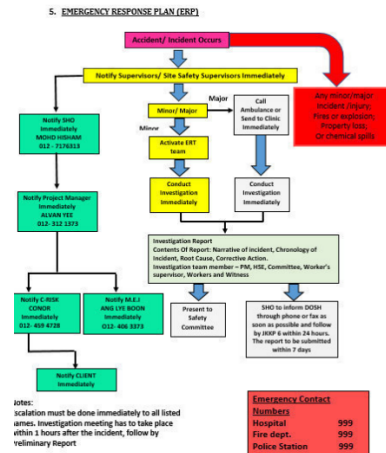
Document Number: P-HSE-01
Department: QHSE
Page: 1 of 3
MMC
MMC Oil & Gas Engineering Sdn Bhd (121428)

Office Emergency Response and Evacuation Procedure

Name	Proposed by	Reviewed by	Approved by HSE	Approved by Mgt
	Alvin Wai			
Signature				
S	148867	Reviewed/Revised/Cancelled		
Rev No	0001	Revision/Status		

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P-001-01-01 Rev 13 May 09



ASSEMBLY AREA

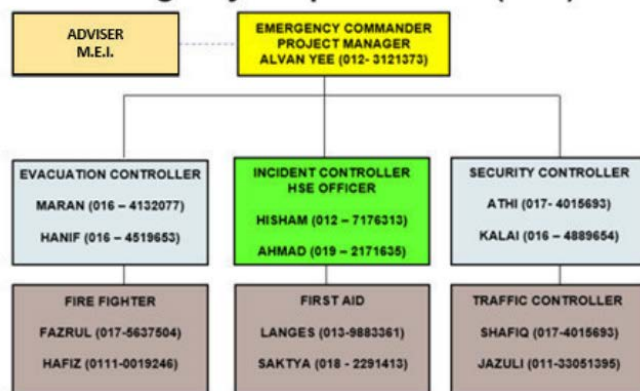
There will be Floor Signboards at the Assembly Area. Assemble at the floor you have signed in.



Roll call will be done by the Floor Wardens using the Sign-in Sign-out Log Book.

Wait for BOMBA and the Building Management Representative to declare it is safe before entering the building again.

Emergency Response Team (ERT)



Fire Escape Plan



All MMCOG staff assembled at the assembly point in front of Mydin

ERP & ERT

6.8. COMMITTEE FUNCTIONS AND ACTIVITIES



Safety & Health and Environment (SHE) Training & Activities

First Aid Training
at site and in office



BOFA Training

6.8. COMMITTEE FUNCTIONS AND ACTIVITIES



AKUAN PENERIMAAN PENDAFTARAN JKKP 8

Syarikat : MINCONSULT SDN BHD

Alamat LOT 6, JALAN 51A/223
SEKSYEN 51A
46100 PETALING JAYA
Selangor

No Rujukan : JKKP 8/110992/2021

Dengan ini pendaftaran tuan/puan bertarih
28/01/2022 telah diterima oleh Jabatan.

Tarikh : 28/01/2022

8.20 Accident Report to DOSH

Currently and for the past years, there are no reportable incidents which resulted to lost time injuries (LTI).



Daftar Kemalangan, Kejadian

Berbahaya, Keracunan Pekerjaan dan Penyakit Pekerjaan.

Notas: Borang ini dikehendaki di bawah Peraturan 10, Peraturan Keselamatan dan Kesihatan (Pemberitahuan Kemalangan, Kejadian Berbahaya, Keracunan Pekerjaan dan Penyakit) 2004 dan hendaklah di simpan di tempat kerja selama 5 tahun. Kegagalan untuk menyenggara dan menghantar merupakan kesalahan di bawah Peraturan.

Majikan dikehendaki menyenggara semua rekod kemalangan dan penyakit yang berbangkit daripada atau berkaitan dengan kerja yang berlaku di tempat kerja.

Bagi Kalendar Tahun : 2021

Klasifikasi Industri : 74219

Saiz Industri : B

Nama Majikan/Orang Yang Bekerja Sendiri

NURNADIA FAIRUZ BINTI SULAIMAN

Nama Syarikat

ARUP JURURUNDING SDN BHD

Alamat

**ARUP JURURUNDING SDN BHD, LEVEL 26, 1 POWERHOUSE NO.1,
PERSIARAN BANDAR UTAMA BANDAR UTAMA,
47800 PETALING JAYA**

No Tel

-

Bil	Nama Pekerja dan No K/P atau Pasport	Jantina	Umur	Warganegara	Jenis Pekerjaan	Status Pekerjaan	Tarikh Kejadian	Masa Kejadian	Pekerjaan semasa Kejadian
-----	--------------------------------------	---------	------	-------------	-----------------	------------------	-----------------	---------------	---------------------------

KES KEMALANGAN PEKERJAAN

Bil.	Nama Pekerja	Bahagian Anggota tercedera	Jenis Kemalangan	Kesan Kemalangan	Hilang hari bekerja	Bil hari tidak bekerja	Tanpa hilang hari bekerja	Jenis kecederaan	Agen penyebab Kecederaan	Tarikh hantar JKKP 6
------	--------------	----------------------------	------------------	------------------	---------------------	------------------------	---------------------------	------------------	--------------------------	----------------------

HUK : Hilang Upaya Kekal

THUK : Tanpa Hilang Upaya Kekal

M : Mati

MyKKP Registration & Report

6.0 EVALUATION CRITERIA FOR BESHEXA



8. COMMITTEE FUNCTIONS AND ACTIVITIES					
8.19	Registration in MyKKP for the services sector				Registration through the System Occupational Safety and Health Malaysia (MyKKP)
8.20	Accident Report to DOSH				Notification of the incident to the DOSH within the prescribed period

9. INNOVATION AND CERTIFICATION PROGRAM					
9.1	The SHE Innovation Program is designed and implemented				Program calendar is prepared, implemented according to plan and recorded
9.2	Initiatives / Activities Towards Certification				Activity / program records. Certification - ISO 45001: 2018 and ISO 14001: 2015.

❖ For Category A only

10. SHE INVOLVEMENT ON SITE					
10.1	Involvement in the preparation of risk plans				Complete Risk Management Plan / Safety Plan (S-Plan) documentation
10.2	Involvement in the SHE Committee of the project				Records of SHE related programs involved

❖ For Category A only



Current issue date:
Repiry date:
Certificate serial number:

15 May 2022
28 May 2023
10191476

Original approval:
ISO 14001 - 16 May 2022
ISO 45001 - 16 May 2022
ISO 9001 - 16 May 2022

Certificate of Approval

This is to certify that the Management System of:

Level 26, 1 Powerhouse, No 1, Persiaran Bandar Utama, Bandar Utama, 47800 Petaling Jaya, Selangor, Malaysia

has been approved by LRQA to the following standards:

ISO 14001:2015, ISO 9001:2015, ISO 45001:2018

Approval number(s): ISO 14001 – 0047676-016, ISO 9001 – 0047676-016, ISO 45001 – 0047677-016

This certificate forms part of the approval identified by approval number: 0047676/ 0047677

The scope of this approval is applicable to:

The provision of integrated consultancy services in engineering and related disciplines, focused on sustainability and the built environment.



Luis Cunha

Area Operations Manager - SAMSIA

Issued by: LRQA Limited



LRQA Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'LRQA'. LRQA assumes no responsibility and shall not be liable to any third party, (including or excluding clients and suppliers) in respect of any loss or damage caused by reliance on the information or advice in this document or otherwise provided, unless the person has signed a contract with the relevant LRQA entity for the provision of this information or advice and in that case any responsibility or liability is restricted to the terms and conditions set out in that contract.



CERTIFICATE

SIRIM QAS International hereby certifies that

**LOT 8, JALAN STAR/2/3
46100 PETALING JAYA
SELANGOR DARUL EHSAN
MALAYSIA**

has implemented an Occupational Health and Safety Management System
complying with

ISO 45001 : 2018

*OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEMS – Requirement
with guidance for use*

SCOPE OF CERTIFICATION

- 1) PROVISION OF CONSULTANCY SERVICES IN ENGINEERING,
TOWN PLANNING, ENVIRONMENTAL PLANNING AND
TRANSPORT PLANNING;
- 2) PROVISION OF PROJECT MANAGEMENT SERVICES AND
CONSTRUCTION SUPERVISION SERVICES.

Issue date	:	24 November 2021
Original certification date	:	24 November 2021
Expiry date	:	23 November 2024
Certificate no.	:	OHS 00873





SIRIM QAS International Sdn. Bhd.
Kompleks No. 40334-G
1, Persiaran Uluu Buaran
Section 2, P. O. Box 7035
62000 Cyberjaya







SIRIM QAS International hereby certifies that

WIRASABUL SUPPLY SDN. BHD.
LOT 6, JALAN 51A/223
46100 PETALING JAYA
SELANGOR DARUL EHSAN
MALAYSIA

has implemented an Environmental Management System complying with

ISO 14001 : 2015

ENVIRONMENTAL MANAGEMENT SYSTEMS - Requirements

Scope of Certification

- 1) PROVISION OF CONSULTANCY SERVICES IN ENGINEERING, TOWN PLANNING, ENVIRONMENTAL PLANNING AND TRANSPORT PLANNING;
- 2) PROVISION OF PROJECT MANAGEMENT SERVICES AND CONSTRUCTION SUPERVISION SERVICES.

Issue date	: 24 November 2021
Original certification date	: 24 November 2021
Expiry date	: 23 November 2024
Certificate no.	: EMS 00965



Nur Fadhillah binti Muhammad
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

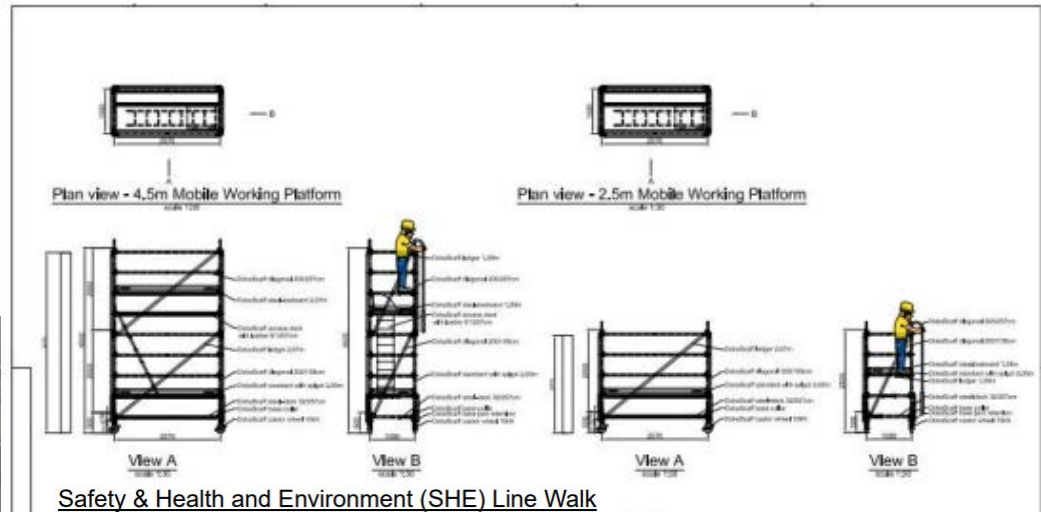
SIRIM QAS INTERNATIONAL, 80PM, 8PMQ,
 (Company No. 410234-X)
 1, Persiaran Fazel Mahmod,
 Section 2, P.O. Box 7035
 40700 Jlnb. Alam,
 Selangor Darul Ehsan
 MALAYSIA
 Tel : 60-3-6064-6004
 Fax : 60-3-6044-6167
<http://www.sirim-qas.com.my>
<http://www.sirimgas.com/certified.com.my>

This certificate is granted subject to the terms and conditions as stated in the Certification Agreement.

BEM-EOP SAFETY, HEALTH AND ENVIRONMENTAL EXCELLENCE AWARD (BESHEXA) - 2024

6.10. SHE INVOLVEMENT ON SITE

❖ For Category A only



Safety & Health and Environment (SHE) Line Walk

- Monthly with Construction Team and Client (if available)



SHE on site activities

6.0 EVALUATION CRITERIA FOR BESHEXA



11. ENVIRONMENTAL MANAGEMENT					
11.1	Environmental Policy				The Environmental Policy has been developed and updated and signed by the Managing Director/CEO
11.2	Chemical Management				Chemical registrations and Safety Data Sheets (SDS) are prepared and recorded. Examples: detergent, toner, etc.
11.3	Noise Management				Noise control is made through surveys, employee feedback or tests carried out in the workplace.
11.4	Ergonomic Management				Control overcoming ergonomic problems is made through surveys/ employee feedback
11.5	Environmental Sustainability				Design, decisions and actions to protect nature
12. OCCUPATIONAL SAFETY AND HEALTH IN CONSTRUCTION INDUSTRY (MANAGEMENT) (OSHCIM)					
12.1	Awareness of OSHCIM				Know OSHCIM guidelines
12.2	Key Elements of OSHCIM				Understand 6 elements of the OSHCIM
12.3	Key Duty Holders in OSHCIM				Who Involved in construction team

6.0 EVALUATION CRITERIA FOR BESHEXA



10. OCCUPATIONAL SAFETY AND HEALTH IN CONSTRUCTION INDUSTRY (MANAGEMENT) (OSHCIM)						
10.1	Awareness of OSHCIM					Know OSHCIM guidelines

❖ For Category B only

Difference Elements and Mark Between Category A & B

Item	Element	Category A	Category B
1	Policy	5	8
2	Objective	5	8
3	Management Commitment	4	6
4	Committee	6	6
5	Risk Management	8	10
6	Competency program and awareness	5	6
7	Operations and Performance Monitoring	6	8
8	Committee Functions and Activities	37	36
9	Innovation & Certification Program	4	0
10	SHE Involvement on Site	4	0
11	Environmental management	10	10
12	OSHCIM	6	2
	TOTAL MARKS	100	100

6.11 ENVIRONMENTAL MANAGEMENT



LAMPIRAN 1

SENARAI SEMAK PENGENALPASTIAN BAHAYA BISING

Nama Organisasi/Syarikat: _____
 Nombor Pendaftaran JKPP: _____
 Jenis Aktiviti/Perniagaan: _____
 Kawasan Kerja/Lokasi/Loji/Proses: _____

‘Ya’ kepada mana-mana yang berikut menunjukkan kemungkinan terdapat bising berlebihan.

Soalan Pengenalpastian Bahaya	Ya	Tidak
1. Adakah seseorang perlu meninggikan suara semasa berkomunikasi dengan individu lain yang sejauh kira-kira satu meter?	<input type="checkbox"/>	<input type="checkbox"/>
2. Adakah pekerja anda menyedari pendengarannya berkurang sepanjang satu hari? Contoh: perlu menguatkan radio ketika dalam perjalanan pulang, dll	<input type="checkbox"/>	<input type="checkbox"/>
3. Adakah pekerja anda menggunakan peralatan berkuasa atau jentera yang bising? Contoh: Peralatan berkuasa/jentera bising – mesin gerudi, pemampat udara, dll	<input type="checkbox"/>	<input type="checkbox"/>
4. Adakah terdapat bising yang disebabkan oleh hentaman atau sumber letupan? Contoh: (a) Bising disebabkan oleh hentaman – penukul, alat hentaman pneumatik, dll (b) Sumber letupan – peralatan berkuasa boleh letup, bahan letupan, dll	<input type="checkbox"/>	<input type="checkbox"/>
5. Adakah pelindung pendengaran diri (PHP) digunakan untuk sesetengah kerja?	<input type="checkbox"/>	<input type="checkbox"/>
6. Adakah pekerja anda mengadu keaduan terlalu bising atau mereka tidak dapat mendengar arahan atau penggera amaran dengan jelas?	<input type="checkbox"/>	<input type="checkbox"/>
7. Adakah pekerja anda mengalami telinga berdesing atau mengalami kebas pendengaran bunyi dalam setiap telinga?	<input type="checkbox"/>	<input type="checkbox"/>

Adakah mana-mana pekerja mula mengalami kesukaran mendengar atau bising ketika bekerja di sini? ☐ Ya ☐ Tidak


APPENDIX 1

GUIDELINES ON ERGONOMICS RISK ASSESSMENT AT WORKPLACE 2017

Appendix 1: SELF ASSESSMENT MUSCULOSKELETAL PAIN / DISCOMFORT SURVEY FORM (Refer to Part 2.1)

Instruction:

- Tick (√) on any body parts (Column A) if you feel discomfort/pain during your work in the last 12 months
- For those body parts you were feeling pain/discomfort, tick (√) (Column B) if in your opinion, the pain is due to your work.



Body Parts	A I have pain/ discomfort in the following body parts.		B I think the pain/ discomfort comes from work.	
	L	R	L	R
Neck				
Shoulder				
Upper back				
Upper arm	L	R	L	R
Elbow	L	R	L	R
Lower arm	L	R	L	R
Wrist	L	R	L	R
Hand	L	R	L	R
Lower back				
Thigh	L	R	L	R
Knee	L	R	L	R
Calf	L	R	L	R
Ankle	L	R	L	R
Feet	L	R	L	R

Staff ID No.: _____

Job tasks: _____

Email: _____

SIRIM QAS

SIRIL

SIRIM QAS International Sdn. Bhd. dengan ini mengesahkan bahawa

MAJLIS BANDARAYA PASIR GUDANG
 ARAS 15, MENARA ADASAH
 JALAN BANGKAL
 81700 PASIR GUDANG
 JOHOR DARUL TAKZIM
 MALAYSIA

telah melaksanakan Sistem Pengurusan Alam Sekitar yang mengikut

ISO 14001:2015
 ENVIRONMENTAL MANAGEMENT SYSTEMS – Requirements

Stop Pengiraan

PERKHIDMATAN PIKAK BERKUASA TEMPATAN.

Tarikh diperkatakan : 29 Ogos 2023
 Tarikh awal pengiraan : 26 September 2014
 Tarikh luput : 26 September 2026
 No. perangkaan : EMS 06066

Nur Fadiah binti Muhamad
 Ketua Program Cerdik
 SIRIM QAS International Sdn. Bhd.

Check List – Environmental Impact Consideration in Design

Project No.: HT 168 Project Name: J109 Construction Engineering
 Project Engineer: RSY, JYZ Date: 3/11/2024

No.	Check List	Check as appropriate	Remarks
A. Design Planning			
1	Environmental Impact Assessment (EIA) • Water quality • Air quality • Noise and vibration • Land • Biological • Socio-economic	Discussed <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
2	Environmental Management Plan (EMP) • Mitigation measures • Control and monitoring • Cost estimation	Discussed <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
B. Material			
1	Reusable material considered in design	Discussed <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	Design to elastic limit
2	Non-health hazardous material used	Discussed <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
C. Structure Design			
1	Precast / Pre-fabricated Design to minimize impact to environmental	Discussed <input type="checkbox"/> N/A <input type="checkbox"/>	

EMS Certification & Check list

6.11 ENVIRONMENTAL MANAGEMENT



Chemical Storage

-Designated chemical storage



Designated Bins

- Bins for waste segregation



Housekeeping on Site

Fogging/ Collecting Rubbish/ Sanitizing



Environment Checking on Site

Daily Tracking on Climate/ Humidity

Work Environment

Weather	Morning	Afternoon	Guide	Remarks
Weather	Partly Cloudy	Partly Cloudy		
Wind (km / Hr)	5	9		
Temperature/ Heat	28	30	32 C Fair	
			<70% Good	

Environmental activities & sustainability



Figure J2(a): Reusable envelope boxes

6.12. OCCUPATIONAL SAFETY AND HEALTH IN CONSTRUCTION INDUSTRY (MANAGEMENT) (OSHCIM)



**CIDB CCD
POINT POINT
available**

ONE DAY TRAINING COURSE ON OSHCIM

Fees:
RM300.00/ pax

Introduction

The course will benefit the personnel involved in construction industry. It provides the awareness and understanding of the Guidelines on Occupational Safety and Health in Construction Industry (Management) 2017 or OSHCIM that has been recently introduced by the Department of Occupational Safety and Health Malaysia (DOSH). It also provides the understanding, knowledge and awareness of the OSHCIM concept that is based on prevention through design (PtD) principles, what the duty holders need to do and how they are involved in management of risk of a construction project. This course is important to enable the trainers that will train the duty holders to prepare them towards the implementation of OSHCIM to reduce accidents in construction industry.

Objectives

At the end of the programme, participants will be able to

- Learn and understand the risk management principles in OSHCIM.
- Learn and understand the design risk management in a construction project as outlined by OSHCIM.
- Learn and understand the methodology in design risk management that is based on design reviews (RULE-1, RULE-2 and RULE-3).
- Understand types of design reviews to be performed and the design considerations to be taken into account.
- Gain a hands-on experience in conducting the design reviews and how and where to record them (OSHCIM documentation).

Target Audience

All duty holders in construction industry such as of clients, designers, contractors, consultants and enforcers

DOSH Approval Ref No: JKKP BC 127/682/7 klt. 1 (1)

ORGANIZED BY :

Center for Digital
Innovations
and Solutions

OSHCIM PROFESSIONAL COMPETENT PERSON

INTRODUCTION

Statistic published by DOSH shows that the rate of fatalities in construction industry has been increasing at an alarming rate (14.94 per 100,000 workers) in 2017 due to lack of safety and health design consideration at the early stage of construction projects. To improve this situation, DOSH Malaysia has developed Guidelines on Occupational Safety and Health in Construction Industry (Management) 2017 or OSHCIM which is based on "Safe by Design" concept and OSHCIM regulation will be gazetted soon. One of the main requirements of OSHCIM regulation is for client to appoint **OSHCIM PROFESSIONAL** to assist him in designing for OSH and complying with other OSHCIM requirements. Therefore, this competency training will be the golden opportunity for the participant towards becoming a competent **OSHCIM PROFESSIONAL**.

**4 HOURS
PER DAY**

**ONLINE
CLASSES ON
WEEKENDS**

DATE:
27 & 28 MARCH 2021
3, 4, 10 & 11 APRIL 2021

TIME:
9.00 AM - 1.00 PM

VENUE:
ONLINE PLATFORM

NIOSH OSH TALK - 24/08/2020
National Institute of Occupational Safety and Health (NIOSH)

Recorded live

OSH TALK

(SHARING SESSION)

OSH CONSTRUCTION INDUSTRY MANAGEMENT : OSHCIM CHALLENGES

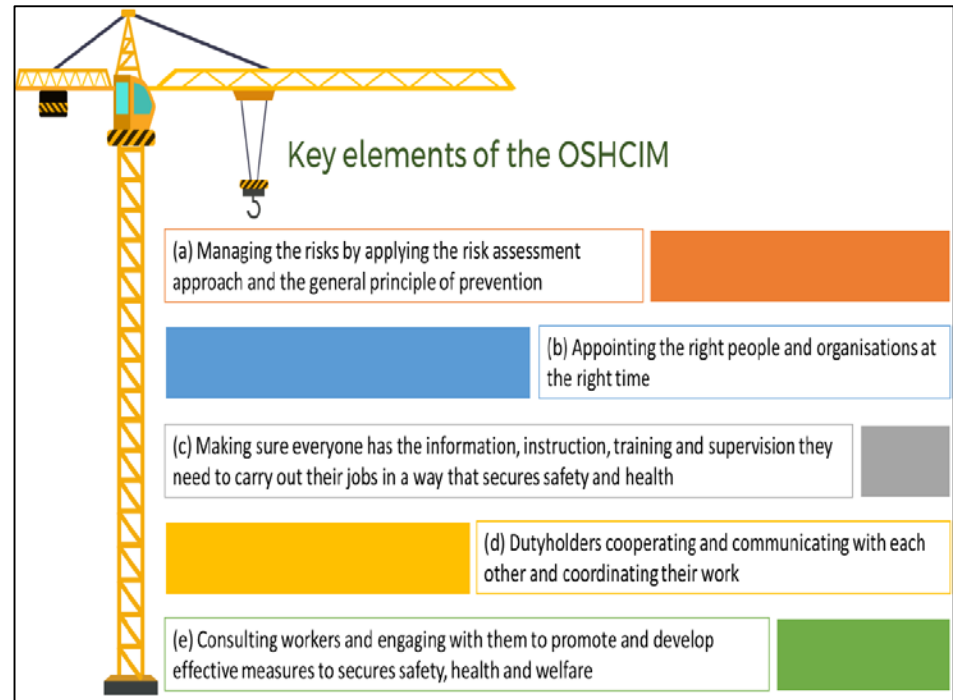
WAN MOHD FADZIL WAN SAFIANSORI
Department of Occupational Safety and Health
(DOSH)

**OSH TALK
LIVE FB NIOSH
24 AUGUST 2020
TIME: 11AM - 1PM**

GUIDELINES ON
OCCUPATIONAL
SAFETY AND HEALTH
IN CONSTRUCTION INDUSTRY (MANAGEMENT)
2017

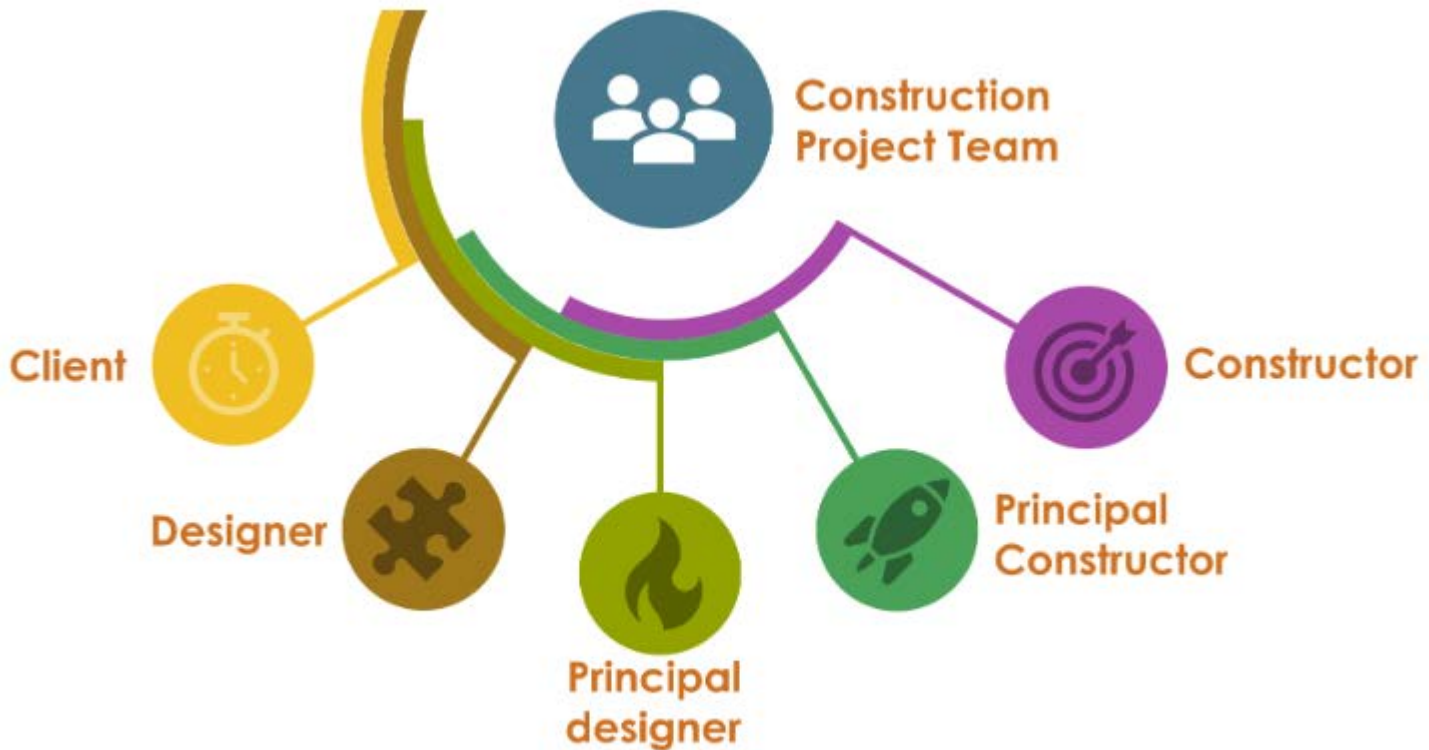
OSHCIM awareness courses

6.12. OCCUPATIONAL SAFETY AND HEALTH IN CONSTRUCTION INDUSTRY (MANAGEMENT) (OSHCIM)



OSHCIM Guidelines

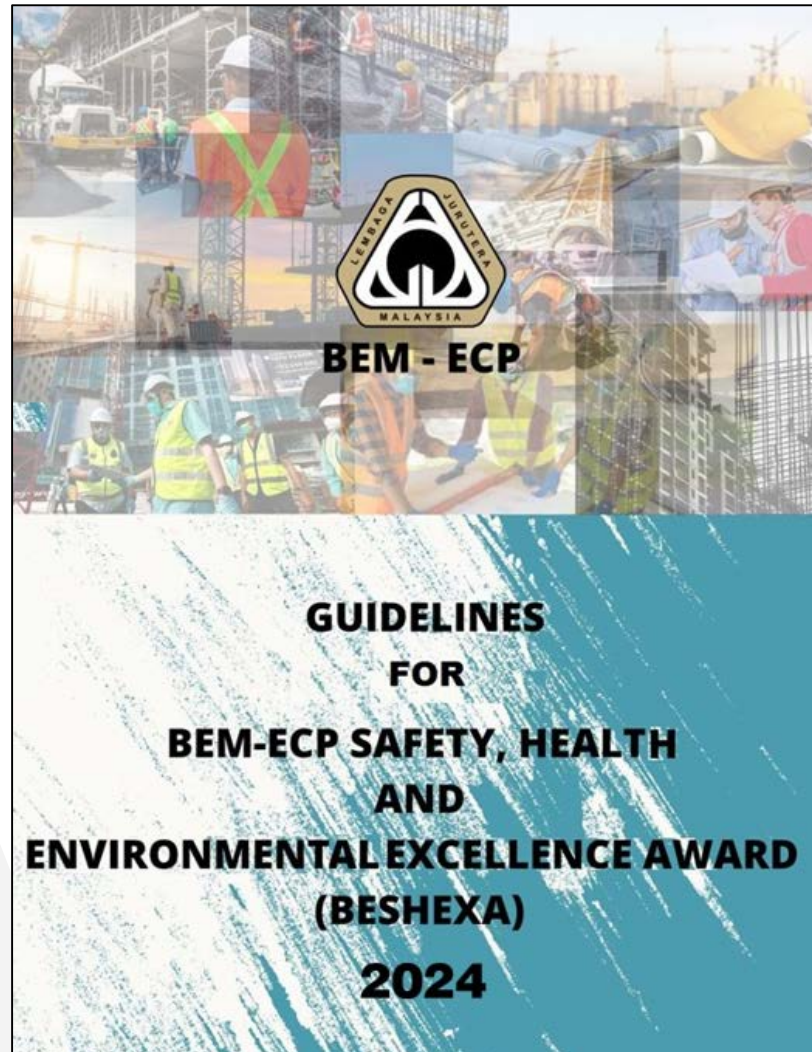
6.12. OCCUPATIONAL SAFETY AND HEALTH IN CONSTRUCTION INDUSTRY (MANAGEMENT) (OSHCIM)



Key duty holders in OSHCIM Guidelines are person who involved in construction project team.

OSHCIM Teamwork

BESHEXA GUIDELINES



*THANK YOU
&
GOOD LUCK*