



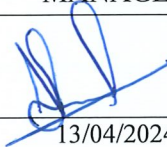
ROYAL MAJAN PROJECTS LLC

PO BOX-328, PC CODE-516, IBRI, AL DHAHIRAH, SULTANATE OF OMAN



HSE PLAN

Project Description: Extension & Reinforcement Electrical Works (11 KV & LT) Based on NAMA ELECTRICITY DISTRIBUTION CO.

INTERNAL APPROVAL : ROYAL MAJAN PROJECTS LLC

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A. Revision Status

Revision No	Date	Description	Remarks
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B. Distribution List

S. No.	Copy Holders	Organization	Type	Remarks
1.	Management Representative	RMP	Master Copy (Original)	
2.	Projects Execution Section	NEDC	Controlled Copy	
3.	QA Section	NEDC	Controlled Copy	
4.	Project Manager	RMP	Controlled Copy	
5.	Project Engineer	RMP	Controlled Copy	Site Office

C. Comments and Response Sheet

Sl. No.	Page No.	Comments by NEDC	Response by RMP
1		Abbreviation and Definition & Motivation	Page no. 16
2		HSE Strategic objectives	From page no. 16
3		HSE Document, Logging, leading indicators	From page no 111
4		General safety	Page no. 44
5		Emergency management system	Page no. 27
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1		KEY ELEMENTS OF HSE MANAGEMENT SYSTEM	Page no. 12
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1.0

HSE POLICY'S

1.0. HSE POLICY'S

1.1 GENERAL POLICY

ROYAL MAJAN PROJECTS LLC Recognizes and accepts its duties as an employer to protect the health and safety of its staff, contractors, visitors and members of the public, who may be affected by its operational activities and or its assets. In addition, it will protect environment against any adverse effects. Therefore, a systematic HSE management approach will be apply and implement, which shall from an integral part in carrying out its daily duties and activities. **RMP** will observe all relevant Omani statues, regulations and codes of practice and will take appropriate steps within its authority for:-

- Managing distribution network and projects that are safe and without risks to health.
- Arrangements for ensuring a safe working place and absence of risks to health.
- Ensuring safety by controlling all risks in relation to the use, handling, storage, and transportation of articles and substances.
- Provision of sufficient information, instruction, training and supervision to ensure the health and safety of its employees at work.
- Maintaining a safe workplace and provide safe means of access to it and egress from it.
- Provision and maintenance of adequate welfare facilities.
- Securing and protecting its assets and network against any risks that put public members into danger.
- Minimizing any, significant adverse environmental impacts because of its operational activities with the integrated environmental management system (IEMS) which is adhere by the company.
- Requiring from all the contractors to adhere with this policy and manage HSE management system and relevant procedures and legal requirements.

In order to achieve the above objectives RMP will make available adequate resources to promote and maintain best HSE practices, RMP will endeavor to prevent any incident that may result in injury, ill-health, adverse impact in Environment or damage to property.

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GENERAL MANAGER



1.2 ENVIRONMENTAL POLICY

We are conscious that our activities have the potential to interact with the environment and aim to minimize these interactions by integrating environmental considerations across all aspects of our business. We also recognize the requirement to comply with all applicable law and regulations governing the protection of environment.

Our Environment Policy is Referring to the following objectives:

- ❖ Encourage a sense of environmental responsibility among all employees.
- ❖ Assess the environmental impact of all new activities products and processes in advance.
- ❖ Assess, monitor and examine the impact of current activities on the local environment and any significant environmental impact of these activities.
- ❖ Implement measures necessary to prevent, eliminate or reduce pollution, emissions and waste generation to the minimum and to conserve resources, considering clean technologies.
- ❖ Implement measures to prevent accidental emissions of materials or energy.
- ❖ Establish and apply monitoring procedures to check compliance with the environmental policy, and where necessary, establish and update results.
- ❖ Establish and up-date procedures and actions in the case where non- compliance with the environmental policy, objectives or targets is observed.
- ❖ Co-operate with the public authorities to establish and update contingency procedures to minimize the environmental impact of any accidental discharges.

Date : 13 /04 / 2024

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GENERAL MANAGER



1.3 NO SMOKING POLICY

Statement:

Royal Majan Projects llc, in recognition of Health, Safety and Environment concerns, has commit to providing and maintaining a safe and healthy working environment for all of its employees, visitors and contractors. In line with this commitment, RMP has adopted a NO-Smoking Policy in the Company premises. Objective of this policy is to provide a smoke-free environment in all the Company premises, in order to achieve a healthier and pleasant work place, safeguard non-smokers from the risks to health of passive smoke and protect the Company sites from increased risk of fire. RMP remarks the harmful effects to health of tobacco smoke, mainly due to increased risk of contracting lung cancer and heart disease, and encourages those people who wish to quit smoking. All employees, contractors and visitors are request to abide with this policy when performing activities in the RMP sites as well as adhere to comply with the NO-smoking policy in force in any other place where they may be call to perform activities for the Company.

IMPLEMENTATION:

- Smoking is not allowable in any part of the Company premises i.e. Office, Camp & Store area.
- Smoking is to be allow only the designated smoking area.
- Rights to provide smoke free environment to our workers.
- Smokers are invite not to smoke immediately outside the entrances to Company premises.
- A formal review of this policy will be conduct on a periodical basis.
- Employees will be consult over the results of this policy monitoring and review.

Date : 13 /04 / 2024

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GENERAL MANAGER

1.4 DRUGS & ALCOHOL POLICY

Royal Majan Projects llc has a strong commitment to the health, safety and welfare of its employees, their families and its customers. Widely available statistics and information establish that the incidence of drug and alcohol abuse is increasing and that the effect is devastating to lives, business and the community at large the safety of our employees and the public can be endanger. Our commitment to maintaining a safe and secure workplace requires a clear policy and supportive programs relating to the detection, treatment and prevention of substance abuse by employees.

SCOPE

This policy applies to all employees of the company while on the job and to situations where an employee's off-the-job or off-premises conduct impairs work performance or undermines public confidence in or harms the reputation of RMP It is also intended to apply to employees of firms doing business with the company while on our premises.

Policy Statement

- RMP will not tolerate or condone substance abuse. It is our policy to maintain a workplace free from alcohol and other drug abuse and its effects.
- It is the policy of RMP to commit the resources necessary to achieve and maintain a drug-free and alcohol-free environment
- RMP expects the full support of this policy by all employees and all persons doing business with the company.

Company Responsibility

As a responsible employer and member of the community, RMP will:

- Create awareness in employees and their families of the impact of substance abuse.
- Administer programs that consider employee rights, are positive in their intent and are within legal boundaries.
- Support the establishment of programs to assist employees with alcohol and other drug abuse or dependency problems.
- Utilize all channels and resources available to educate and increase the awareness of employees and the public.

Responsibility for interpretation of this policy falls to the RMP management department.

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GENERAL MANAGER



1.5 BEHAVIOUR BASED POLICY

Royal Majan Projects llc is committed to continual improvement of safety performance with an overall objective of eliminating work related injury and illness. We are commit to providing all workers, incorporating contractors and employees with a healthy and safe work environment free from bullying, discrimination and harassment and workplace violence.

We expect all workers to behave in a professional manner and to treat each other with dignity and respect when they are at work.

Examples of behaviour that could be bullying include:

- Excluding someone from workplace activities
- Giving someone the majority of unpleasant tasks
- Verbal abuse
- Humiliating someone through sarcasm or insults
- Intimidation

Workplace violence is a physical attack or threat to a worker, or group of workers that creates a risk to health and safety. It includes aggression and challenging behaviours and can be categorize as client initiated and external or intrusive workplace violence.

Workers incorporating contractors and employees are responsible for,

- Behaving in a professional manner and to treat each other with dignity and respect when they are at work, and
- Reporting any incidents involving bullying, discrimination, harassment or violence in the workplace to directors, management, consultants or host representatives an incident of workplace bullying, discrimination, harassment or violence will be taken very seriously by us and, where breaches of this policy are proven, disciplinary action and/or reporting to suitable authorities may arise.

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NIRMAL RAM

GENERAL MANAGER



2.0

KEY ELEMENTS OF HSE MANAGEMENT SYSTEM

1. KEY ELEMENTS OF A SUCCESSFUL HSE MANAGEMENT SYSTEM

We work with a wide range of clients in a variety of industries to improve the health and safety of their employees. One thing we have learned is, whether you are a safety employee for a small to midsize manufacturer, or managing a remote site project with thousands of employees, you need a well-documented occupational health and safety management system (OHSMS) to ensure that you and your people are safe.

Your company system must be write down, communicated, and practiced.

Most successful occupational health and safety management systems contain the following 11 key elements:

1. A Way to Control and Distribute Up-To-Date Documents

Whether you use Google Drive, another cloud platform, or good old-fashioned paper, every HSE system needs a way to distribute up-to-date documents to the right people. Creating protocols in this area helps ensure that employees always have access to current and correct safety information.

2. Safety Inspection Checklists

Creating safety inspection checklists serves many purposes that they establish a baseline for the quality of inspections no matter who is performing them, can decrease the amount of time it takes to perform inspections, and provide data on areas of safety that are improving or declining over time.

3. Risk Assessments

Risk assessments are the necessary function of a successful OHSMS to help you protect employees from potential harm, and your business from potential fines and lawsuits. After identifying potential hazards to your workers, you can determine areas of safety non-compliance, devise, and implement solutions. Including this in your HSE systems, and regularly updating your distributed documents for known or potential risk hazards, can greatly reduce injuries and risk.

4. Emergency Response Plan

It always better to have one in place than to scramble during an emergency. OSHA requires emergency response plans to include how to report an emergency, evacuation procedures and assembly points, procedures to shut down project operations, rescue and medical duties for any workers assigned to perform them, and contact information for individuals with more information. Additionally, emergency response plans can contain information on local hospitals and medical services, and medical evacuation procedures.

5. Training Program and Documentation System

Employee's safety training programs can include fire, tornado, and earthquake drills, accident simulations, first aid, and even health and wellness programs. These basic safety-training protocols can save lives in the event of an emergency, and prevent further safety hazards. Other types of training include correct use of PPEs, forklift safety, and hazardous waste management.

6. Internal Audit Policy and Schedule

Health and safety audits are another great way to ensure compliance with safety laws, as well as identify strengths and weaknesses in your HSE management system. Either an internal or external auditor can perform the audit, or no matter which route you choose, audits should be performed on a regular basis. Documentation from audits can be used to compare improvements and issues from year-to-year, identify trends, pinpoint risk, and create new safety initiatives based on audit data.

7. List of Laws and Health and Safety Regulations for Compliance

OSHA requires many employers to display their Job Safety and Health poster in a conspicuous area where employees can see it. This poster informs workers of their rights under the Occupational Safety and Health Act. Although not required, it can be helpful to display additional health and safety law and regulation information in the same space to encourage employee awareness and compliance. This could also serve as a great place to display helpful health and safety information, and potential known hazards and risks of the job.

8. Experienced HSE Team

An all-star health and safety team is key to ensure that your QHSMS is being properly implemented in the workplace on a day-to-day basis. HSE professionals focus on preventing accidents and injuries, implementing proper guidelines and regulations, and ensuring compliance.

There are many HSE certifications available spanning different industries, allowing you to hire HSE personnel that understand the in and out of your company safety concerns. Some of the fundamental HSE certifications available include:

- NSC Advanced Health and Safety certification
- NEBOSH International General Certificate (IGC)
- NEBOSH National Certificate
- NEBOSH Construction Certificate
- IOSH Managing safely Certificate
- OHSAS 18001/ISO 45001 Occupational Health and safety lead auditors Certification etc.

There are also supplementary HSE certifications that health and safety professionals can obtain to specialize for your industry and needs including ladder safety, asbestos awareness, PPE certificates, first aid, fire safety, electrical safety, and more.

9. Measurable PERFORMANCE METRICS

Every business relies on performance metrics to improve their bottom line, and HSE departments are no exception. These metrics help identify areas that need improvement, as well as trends over time. Key performance indicators for health, safety, and environment include:

- Lost Time Rate (LTR)
- Total Accident Rate (TAR)
- Accident Severity Rate (ASR)
- Total Recordable Injury Rate (TRIR)
- Experience Modification Rate (EMR)
- Working Days Since Last Incident

10. Regular Meetings and Communications Strategy

Creating a consistent meeting schedule for health, safety, and environment staff is key for reviewing current HSE strategies and successfully implementing new initiatives for your OHSMS. Additionally, putting a clear communication plan in place fosters collaboration and reduces confusion during emergencies. Schedule HSE staff meetings on a weekly or biweekly basis, and make sure to assign a meeting leader and prepare an agenda to ensure efficient and effective meetings.

11. Regular Management Review

Every HSE management system needs to be reviewed to verify that current goals are being met and new initiatives



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are being putting in place and practice regularly. Review of your management system and team by senior leadership should conducted on a regular basis.

This keeps staff and the system accountable, and presents the opportunity for discussion between safety personnel and upper management to find areas of improvement and brainstorm new ideas

The purpose of an occupational health and safety management system is two-fold. First, we all seek to prevent illness and injury, and this requires some degree of systematization and integration of general management practices with health and safety.

Second, when illness or injury occurs, you need a well-established and rehearsed plan to ensure that the response is appropriate and orderly.

3.0

HSE STRATEGIC OBJECTIVES



HSE STRATEGIC OBJECTIVES

3.1 APPREVIATIONS/ DEFINITIONS

- 3.1.1. NAMA: Nama Electricity Distribution co
- 3.1.2. AER: Authority for Electrical Regulation
- 3.1.3. HSE: Health, Safety, and Environment
- 3.1.4. MSDS: Material Safety Data Sheet,
- 3.1.5. DCRP: Distribution Code Review Panel
- 3.1.6. OES: Oman Electrical Standards.
- 3.1.7. ESR: Electrical Safety Rules
- 3.1.8. PPE. : Personnel Protective Equipment
- 3.1.9. Shell and Must: Mentions Mandatory Requirements
- 3.1.10. May Or Might: Mentions Options to considered
- 3.1.11. RMP: Royal Majan Projects llc

MOTIVATION

RMP, wants to grow and improve the safety culture within the organization and its employees with cooperation of our clients and other peoples and third parties, those who involved in the project and it operations.



3.2. KPI FOR LAST 5 YEARS

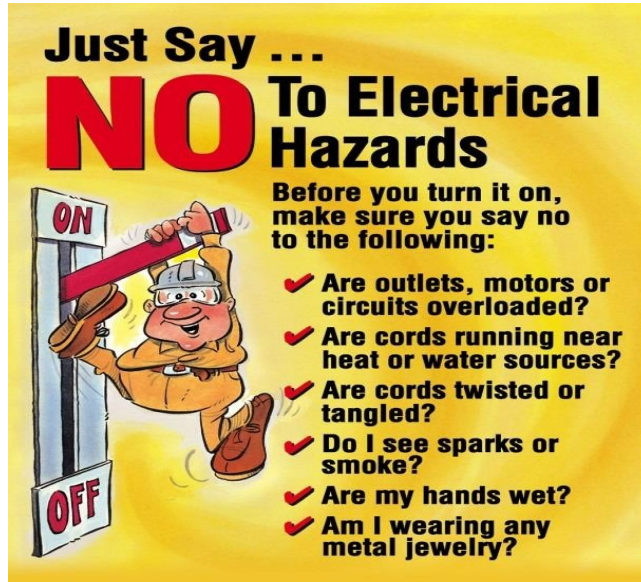
RMP'S HSE PERFORMANCE STATISTICS

2019 – 2023

S.NO	DESCRIPTION	2019	2020	2021	2022	2023
1	Total Hours Worked	14085	13745	13845	10026	29524
2	Total KM Driven	9450	8695	6650	6611	139165
3	HSE Meetings	24	24	24	8	36
4	HSE Trainings/HSE Induction	According	To the	Site	requirement	
5	Tool Box Talk	252	248	296	314	384
6	Near Miss Reported	0	0	0	0	4
7	Lost Time Injuries	0	0	0	0	0
8	Inspections/ Observations	52	56	64	80	94
9	Environmental Incidents	0	0	0	0	0
10	Lost Time Incident (LTI)	0	0	0	0	0
11	Roll Over Accident (ROA)	0	0	0	0	0
12	Road Traffic Accidents (RTA)	0	0	0	0	0
13	First Aid Case (FAC)	0	0	0	0	0
14	Restricted Work Case (RWC)	0	0	0	0	0
15	Medical Treatment Case (MTC)	0	0	0	0	0
16	Fatality	0	0	0	0	0

3.3. Protect yourself and others

3.3.1: Look around for hazards, have you spotted them

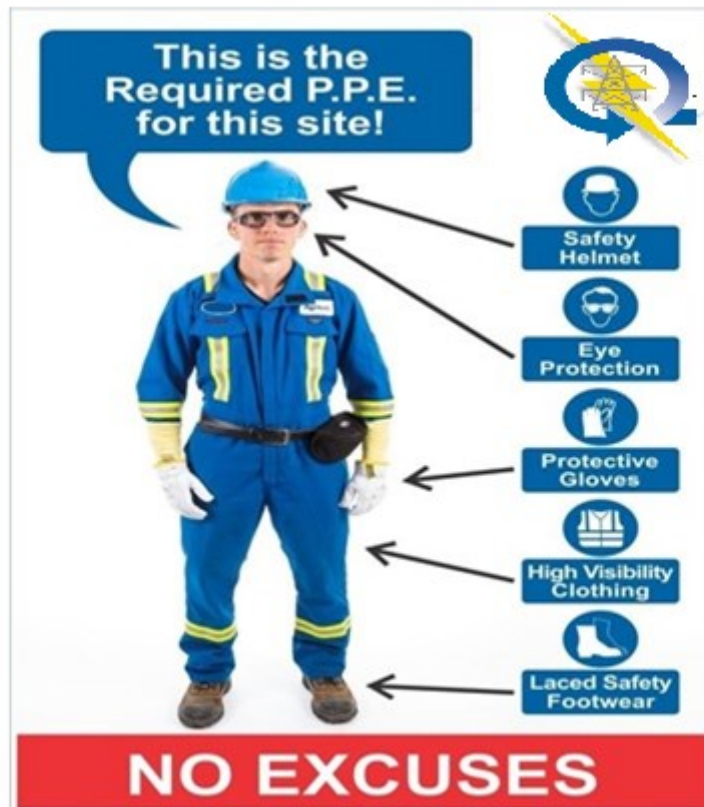


3.3.2: Do you have work permit along with job safety plan?

Electrical HazardS



3.3.3: Identify safety controls and protect yourself.



3.3.4: Ensure Zero Voltage, Test before you touch any electrical cables, lines or equipment.



3.3.5: Ensure proper safety signs and barriers is in place to alert and protect others in case if they.



3.3.6: In case of accident or emergency, be ready, and call to **9999**



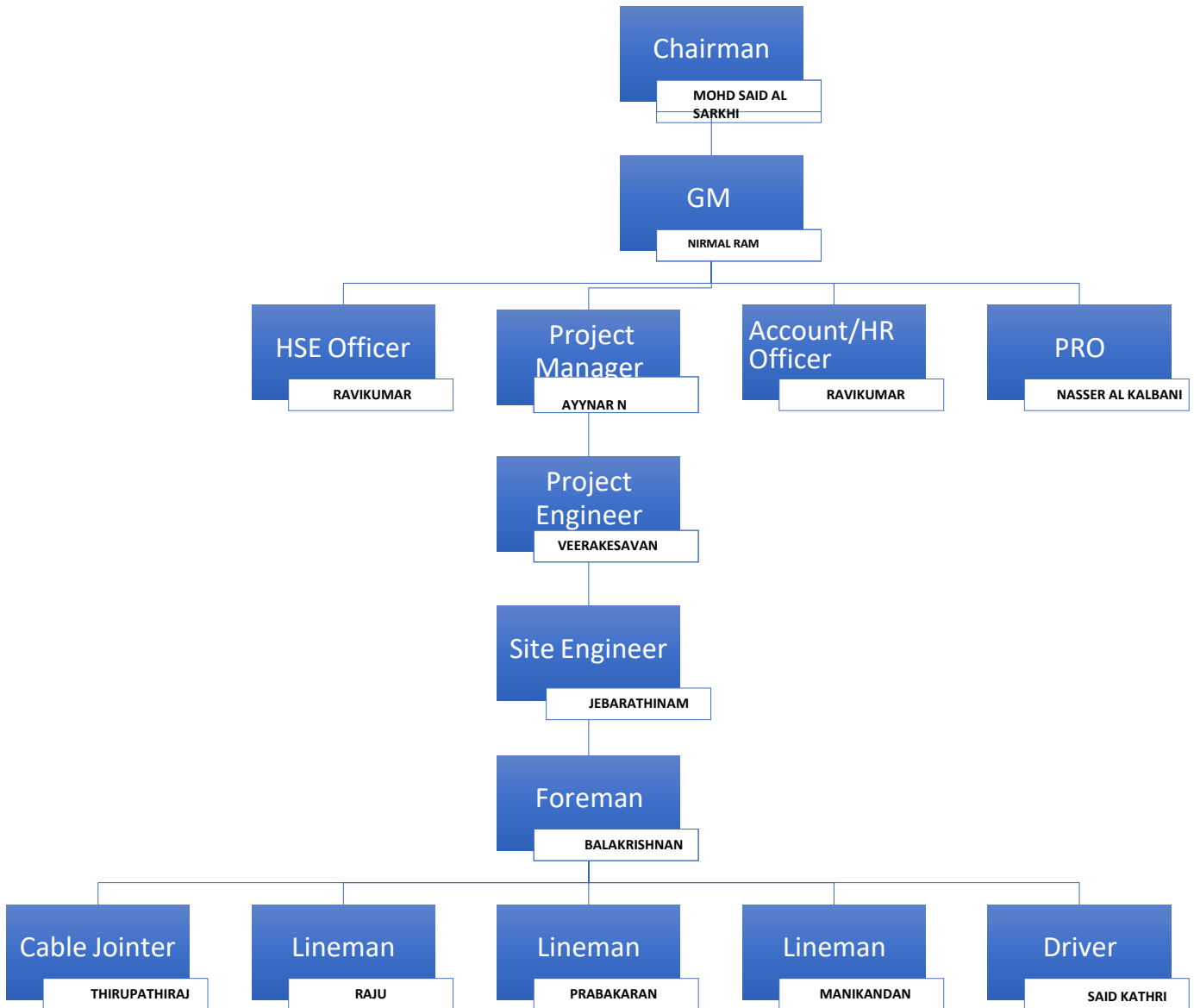


4.0

ORGANIZATION CHART & TOP MANAGEMENT INVOLVEMENT AND PARTICIPATION IN HSE



4.1 ORGANIZATION PLAN





4.2 Top Management involvement and Participation in HSE

4.2.1. General Manager

He will be primarily accountable to:

- As executive officer in charge of day-to-day functioning of the business, with executive powers, and has responsibility of all persons who may be affected by its operation. As such, he must ensure the development and implementation of an effective HSE Program, including compliance with the Oman statutes, regulation and all other Code of Practice likely to impact on the organization and its environs.
- Publish a policy expressing the ROYAL MAJAN PROJECTS LLC., (herein after RMP) attitude on, and commitment to HSE PLAN
- Ensure an effective Safety Management plan is in place including objectives and targets,
- Provide the Safe system of work, working environment, competent supervision and appropriate Tools, Equipment, and Safety Equipment's for the safe execution of the task
- Monitor HSE performance including compliance with external regulation/standards, - whether required by statutory bodies or principal contractors or principal clients – as well as internal policy and procedures,
- Ensure appropriate resources and budget allocations for HSE improvements, training and equipment,
- Discipline any member of staff failing to comply with the requirements of the Policy.

4.2.2 Project Manager / Engineer

He will be accountable for ensuring the implementation of RMP HSE Policy and

- The Manager/Engineer must have the working knowledge of the company's Health and Safety Management System and must ensure that all relevant procedures are followed and appropriate records kept by himself and those under his control,
- Before the commencement of work, it is the essential that the Manager/Engineer ensures that all materials required for safety are on site, and in functioning condition,
- Regularly visit the sites to ensure that safety procedures and methods of work comply with Health and Safety legislation,
- Establish and enforce Safe methods of work,
- To promote a culture within the company to actively report Hazards/Near misses, Investigate reports, and Implement necessary improvements,
- The Manager/Engineer will be responsible for obtaining statements in the event of an accident and for appropriate and satisfactory completion of an entry of details in the Accident Report and all other statutory requirements,
- Co-operate with Health and Safety in charge /officer during their site visits and act on their recommendation and accompany with HSE Inspectors (external) on their visits,
- Review training requirements regularly for supervisors/foreman and workers.
- Participate monthly HSE meetings regularly with their supervisors, foreman and employees, and suggest the safety precautions to the safe execution of task

4.2.3 Foremen/ Technicians/Linemen/Administrators

They are primarily accountable for adhering to the instructions of your manager in accordance with RMP HSE policy and procedures and:

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- Should be familiar with the Safety requirements including relevant parts of the company's Health and Safety Management System,
- Ensure that Safe System of Work are used by the workers and that the relevant procedures are followed,
- Ensure appropriate use of Safety Equipment,
- Prevent horseplay with disciplinary action,
- To promote a culture within the company to actively reports Hazards/Near Misses, Investigation reports, and implement necessary improvement,
- Ensure that all employees take necessary Safety precaution,
- Report to management, defects of plant and equipment, and remove such equipment from use,
- Report any breach of Safety regulations or failure to use Safety equipment provided,
- The supervisor/foreman will be personally responsible for the care of Safety equipment, the correct use of Safety equipment by himself and all operatives on site and to ensure that no breach of regulation or company procedures occur on site under his control,
- The supervisor will obtain safety clearance or permits to work and will ensure that the operative is fully aware of any inherent hazards on the site,
- Report accidents/incidents which have or may lead to damage to plant or equipment, injury to any persons,
- Inform transferred and new employees of Hazards involved in the operation/ work of the project by way of tool box talks,
- Suggest ways of eliminating Hazards (e.g.: carryout tool box talks)
- Co-operate in the Investigation of Accidents with the objective of introducing methods to prevent re-occurrence.
- Identify training needs to Manager as required.

4.2.4 Driver/Helper

They are primarily accountable for adhering to the instructions of your direct supervisors in accordance with RMP HSE policy and procedures and:

- They must have responsible for adhering to the instruction from their immediate foreman in accordance with the RMP procedures
- Drivers must have valid Oman driving license and adhering to the ROP Traffic Rules and Regulation
- Helper should be worn the appropriate PPE's on the site at all the times and maintain the PPE's in good condition, as well as provided by the company
- Must Report all the accidents/incidents, near misses to their immediate kin, and they should co-operate to the investigation/inspection team
- Participate all the HSE meetings with the objective of introducing methods to prevent accidents
- They should inform their immediate kin about the unsafe condition of the work place, unsafe acts by the persons, defects of the equipment and tools
- They must ensure their own Safety and others who might be affected by their activities
- Drivers should ensure the good condition of the vehicles and inform to the coordinator/supervisor, if any defects are found on it, and correct it as soon as possible

4.2.5 HSE OFFICER

He should be responsible to advise RMP Management in the proper Implementation of the Occupational Health, Safety and Environment protection management system.

Specific responsibilities



RESPONSIBILITIES	TARGET DATE
Develop the HSE Site Visits schedules & conduct visits accordingly to: Ensure staff adhering to safety rules in particular to ESRS Ensure PPE are provide and properly worn by workers. Ensure Electrical rubber gloves are use during live works. Ensure insulated/right tools are use Ensure vehicles/equipment fit to be use.	Daily
Investigate non HSE compliances, Ensure action points raised and implement	Daily
Coordinate with management HSE Audit Prepare a schedule for the Audits	Immediate
Coordinate HSE meetings	Once arouse
Investigate all the Incidents/ Accidents & Near Misses and prepare incident reports as per MC requirements.	When require
Provide & Arrange the required HSE Training courses for the staff & prepare training data base Ensure Key staff trained in basic HSE courses e.g. Safety Induction, ESRS, First Aid & Supervising safety etc.	Immediate
Prepare HSE monthly report to be sent to NEDC	Monthly
Maintain audit and inspection records and make sure action points are implemented	Immediate

4.2.6 EMPLOYEES

General responsibilities include

RESPONSIBILITIES	TARGET DATE
Assumes responsibility for his/her own health and safety as well as the health and safety of follow workers.	Always
Read, understand, and follow Company HSE rules & procedures	Always
Performs all duties in the proper and safe manner	Always
Reports unsafe acts and conditions.	When identifying
Reports accidents, injuries/illnesses, and environmental	24hrs from the occurrence of incident
Wear personal protective equipment provide and maintain the equipment in good condition.	While performing duties
Avoid shortcuts, & follow work safety instructions, job safety plan, etc.,	Always
Attend safety meetings at site	Monthly
Participating in site inspection and Audits	Monthly



4.2.7 SUB-CONTRACTORS

- They are also adhering to comply with the HSE Policy of RMP.
- They must have the separate HSE Policy, and it must fulfill the requirements of RMP, and of its Client
- They must provide all the Safety requirements to their workers, who are involving and affect in our project, as per RMP and Client HSE regulations
- If they wish to use the Equipment's, Materials, or Tools, Facilities, owned by the RMP, they should get the permission from the concern person of the RMP, prior to start the work, and it must be use in a safe procedure and return to the store in time, and submit to the concern person, as well as provided the company
- All Sub – Contractor personal should attend all the HSE meetings arranged by RMP, and Client HSE Departments,
- Report all accidents/ incidents, near misses, which have or may lead to cause injury to personal, or damage to the plant, and equipment
Co – operation of the Investigation of Accidents, with the objective of introducing methods to prevent re-occurrence.

4.2.8 VISITORS,

- When they are entering into the office and premises area, they must report the reception, first, and then, they should follow the instructions given by the in charge of the office and Accommodations
- If they are in site, they should follow the instructions given by the site in charge, such as supervisor/ site Engineer
- They also should follow the HSE rules and regulation of the RMP and CLIENT.



5.0

EMERGENCY MANAGEMENT SYSTEM & PROCEDURES

5.0. EMERGENCY MANAGEMENT SYSTEM AND PROCEDURES**5. Emergency Procedures**

- In case of any emergencies (like fire, shocks, burn etc.) in work sites, all personal should follow the information given below
 - Electrical Emergency Contact No.: **NEDC – 1011**

5.1 FIRE

- Immediately all personal left away from that place and try to extinguish the fire if the level is in small and the person, who is having the training to do so, and inform the Fire brigade in emergency no. **9999**, if the risk is high or cannot extinguish this
- Isolate the ignition sources like power supply, oxygen, etc., which is applicable
- In case of injured person, give the first aid if trained to do so, then call ROP civil defense **9999**
- Notify your supervisor & HSE officer
- If you hear a fire alarm in the camp, office, or building evacuate the area calmly and do not use lift if any in place.
- Close the windows turn off gas jets, and close doors as you have Leave the building and move away from exits and out of the way emergency operations.
- Assemble in a designated area Report to the monitor so he/she can determine that all personnel have evacuated our area main outside until competent authority.(Fire bridge, HSE OFFICER, or your supervisor) states that is safe to re-enter

5.2 Basic First Aid Procedures

First Aid is the provision of limited care for an illness or injury, which is provide to a sick or injured patient until definitive medical treatment would be accesses, or until the illness or injury is fully dealt with. It generally consists of series of simple, sometimes life- saving, medical techniques that an individual can be trains to perform with minimal equipment. There are other articles dealing with resuscitation and coma.

- The principle of first aid is immediate action, but it is essential that quick action does not cause panic.
- Any action taken needs to be careful and deliberate and the first-aider must remain calm at all times.
- It is equally important to assess the situation quickly, to appreciate the limitations of your own actions and to seem expert assistance, e.g. calling 9999 when necessary for ambulance, fire brigade, or police as soon as possible.
- The first priority is to be yourself and others. Protect the scene after assessing risk and think before you act. (There may be gas - risk of asphyxiation/explosion; electricity – the pool of water round the faulty washing machine may be live; fire – opening a hot door may be the last thing you do; assault – the assailant with knife or gun may be behind the door awaiting their next victim or a hostage)

5.2.1 Shock

- Shock can be life threatening. Symptoms include cold sweat, weakness, irregular breathing, chills pale or bluish lips and fingernails, rapid weak pulse and nausea.

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- Do not give the victim anything to eat or drink.
- Lay the victim on his back, but do not move him if he has back or neck injuries. If victim is unconscious, vomiting or has severe injury to the lower face or jaw, lay on his side and be sure he is getting adequate air
- Keep the victim warm (not hot) by use of blankets or clothes.
- Raise the victim's feet and legs with a pillow. (Only do this if it does not cause victim any pain.)

5.2.2. Bleeding and Wounds

- Place a clean cloth over the wound; apply firm steady pressure for at least 5 minutes.
- Call **9999** or other emergency personnel
- Elevate an injured arm or leg above the level of the victim's heart if practical.
- When bleeding stops, secure the cloth with a bandage. Do not lift the cloth from the wound to check if bleeding has stopped. Be sure the bandage is not too tight-it may cut off circulation if bleeding is severe.
- Check the victim for shock.

5.2.3. Burns

- Use a hose, shower or faucet for at least 15 minutes to rinse away all traces of chemical while removing any contaminated clothing from the victim.
- Cover the burn loosely with a clean, dry cloth.
- Check the victim for shock
- Call 9999 or seek medical attention as soon as possible.

5.2.4 Electric Shock

- If there is an electrical shock occurring, do not touch the victim until the power supply is isolated
- Unplug or switch off the source of electricity if possible.
- If victim is not breathing and has no pulse, call **9999** or seek medical attention immediately
- Electrical Emergency Contact No.: **NEDC – 1011 (MJEC – 80078000)**

5.3 Tool box talks

- A Supervisor / Foreman is responsible to deliver toolbox talks / meeting to his crew before work starts. Meeting should focus on work hazards, & safety controls.
- Submit the records to Engineers or HSE officer to keep the record of toolbox talks / meetings.

5.4 PERSONAL PROTECTIVE EQUIPMENT AND STANDARDS

- All the PPE should provide as per the international and OES Standard and appropriate level.
- All the supervisor/foreman should ensure that themselves and their crew having adequate and appropriate PPE provided by the company
- All the supervisor/foreman should make sure their crews are clearly understanding about the importance of the PPE, and train them to how to use PPE's in correct manner, whilst working on the site
- There is no substitute of any parts of our human body, it's very important that we should wear the PPE's all the time at site and take care of our body
- Such a tiny carelessness in this regard may result in severe injury and or even fatality.
- Always use appropriate PPE's only, e.g. the Electrical Rubber gloves are specially designed for the use of, while working in the live line apparatus, otherwise, if you are use any gloves like cotton, leather may cause harm to yourself
- Always ensure the PPE's have been checked and inspected by the concerned person, and they are in the useable and sound condition.

5.5 CONSULTATION



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- All the personals who are involving the execution of the task, has responsible to inform HSE department about if they found anything that has potential to cause injury to the person, damage to the property, and or environment, so that the condition could be improved well in time to prevent harm/damage
- All the personals should be follow the RMP's HSE rules and regulations, and they are also put on suggestions to improve our safety management system

5.6 Working Procedures

- Plan the work
- Follow the instructions given by the supervisors/foreman.
- Comply with RMP HSE rules/procedures and client related HSE document
- Wear the proper PPE'S
- Observe the hazards and report to the supervisors/foreman.
- Immediately inform your supervisor/foreman in case of any abnormal occurrences
- If you feel any difficulty to work in live apparatus /conductors etc. immediately inform your supervisors/foreman
- If you feel the work will cause any harm to you immediately stop the work and inform supervisors/foreman.
- No work to be carried out in any HV/LV apparatus without proper
- You are empowered to stop any unsafe works.
- Don not enter unauthorized area without official permission from the client.
- Do not do authorized! Approved work from the client.

5.7 Environmental Protection

- Environment is a natural protection to human being so it is our responsibility to protect it against any kind of loss or damage.
- Don't cut or damage plants, trees or any vegetation
- Do not buy local wood for making fire.
- Oil/filter change in the field is strictly prohibit.
- Used oil/filter is not to be thrown away or dripped at anywhere on the naked (exposed) soil
- Oils and used oils should be stored in the appropriate and approved methods of storage (Spill Kit, Spill pallets) and MSDS Should be available on site
- Do not damage / break or pollute water channels, water reservoirs, and ponds/lakes.
- Don't litter (waste) openly in the field, keep waste containers (plastic bags) in the field
- Pack in/pack out policy should be strictly observed (put all your debris e.g. leftover food empty milk packs, empty cool drinks packs in to waste containers/plastic bags and bring it back to the camp for proper disposal)
- Don't cause any kind of damage to grave (vital) yards, walls, social, culture or religious sites
- Do not pick precious (expensive) stones, antique (historic) minerals from area (if any such item has found, inform HSE department).
- Protect soil from any kind of contamination (specially oil/fuel), if soil is contaminated accidentally collect all contaminated soil and bring back to camp for proper disposal
- At the end of the day, before leaving for camp, Supervisor has to ensure that the work area is clear of all litter and soil contaminations (on daily basic).

Client HSE documents that should be refer to,

- ESRs
- Emergency Procedures
- Lifting operation procedures
- PTW Procedures
- Waste management procedures
- The above documents can be obtain from RMP HSE officer



6.0

VEHICLE MANAGEMENT

6.0. VEHICLE MANAGEMENT**6.1 CONTRACTORS VEHICLES:**

- Vehicles should be, fit for the purpose based on an assessment of usage, and always maintained in safe working order in line with manufacturers' specifications and local legal requirements.
- The following equipment shall be installed and securely fixed, where appropriate, on light duty vehicles
- Head rests (all seats).
- Air bags (all seats preferred, but at least driver's seat).
- Anti-lock brakes.
- Side impact protection.
- Seatbelts as specified under the seatbelt heading.
- Fire extinguisher.
- First-aid kit & flashlight/torch.
- Approved driver-monitoring system.
- Driver and passenger side mirrors.

6.2 Vehicle Journey Management System (VJMS)

- Check vehicle's general fitness
- Let all passengers to sit inside the vehicle under
- In this respect most of the responsibility goes to the driver of the vehicle, but being Supervisor or/foreman it is your responsibility to ensure that the driver has taken care the actions he is responsible for, his responsibilities include:
 - Before proceeding to journey, check the vehicle condition.
 - Count all passengers in his vehicle/head count.
 - Plan your journey and ensure that you reach at your destination or back at camp
 - Night travel is strictly prohibited except in emergency
 - During your journey, strictly abide by speed limits.
 - Follow ROP's traffic rules and regulations.

6.3 Responsibilities of Vehicle Inspector

- Ensure drivers follow Road traffic rules.
- Ensure good condition of all vehicles at all times.
- Ensure vehicles fitness.
- Ensure log book and maintenance of the vehicles is in time and appropriate
- Ensure and maintain all required documentation regarding vehicles & drivers, include toolbox talks and vehicle inspection checklists.
- Ensure attendance of all drivers
- Particularly ensure the tires condition, brakes and all other items.
- Be in touch and coordinate with HSE department.



7.0

HAZARD IDENTIFICATION & HAZARDOUS CONTROL PROCEDURES



7.1. ELECTRICAL WORK ACTIVITIES :

Activity	Hazard	Consequences	Controls
Installation of PG Clamp	<ul style="list-style-type: none"> - Electric Shock - Fall down - Tools & Material fall down - Dust Hazard 	<ul style="list-style-type: none"> - Burn, unconscious & Fatality - Wound, Fracture, Bleeding & Fatality - Wound, Fracture & Fatality - Irritation, Breathing problem & Lungs problem 	<ul style="list-style-type: none"> - Use proper PPE (Rubber gloves) - Make sure the pole is in good condition. - Use safety belts - Use helmets & standby man should watch carefully who is working on pole - Use goggles & monkey cap
Work on Service connection	<ul style="list-style-type: none"> - Heat stroke - Electric Shock - Fall down - Tools & Material fall down - Dust Hazard 	<ul style="list-style-type: none"> - Dehydration & Stress - Burn, unconscious & Fatality - Wound, Fracture, Bleeding & Fatality - Wound, Fracture & Fatality 	<ul style="list-style-type: none"> - Take enough water & work breaks - Use proper PPE (Rubber gloves) - Use safety belt. - Use goggles & helmet - Standby man should be in the ground
		<ul style="list-style-type: none"> - Irritation, Breathing problem & Lungs problem 	<ul style="list-style-type: none"> - to watch carefully CEP who is working on pole - Use insulated ladder for climbing the pole. - Use insulated tools. - Follow work instructions – NEDC ESRs- and job safety plan. - Follow instructions as per service connection agreement contract

Activity	Hazard	Consequences	Controls
Work on Service disconnection	<ul style="list-style-type: none"> - Heat stroke - Electric Shock - Fall down - Tools & Material fall down - Dust Hazard 	<ul style="list-style-type: none"> - Dehydration & Stress - Burn, unconscious & Fatality - Wound, Fracture, Bleeding & Fatality - Wound, Fracture, Bleeding & Fatality - Irritation, Breathing problem & Lungs problem 	<ul style="list-style-type: none"> - Take enough water & work breaks - Use proper PPE (Rubber gloves) - Use safety belt. - Use goggles & helmet - Standby man should be in the ground to watch carefully CEP who is working on pole - Use insulated ladder for climbing the pole. - Use insulated tools. - Follow work instructions – CLIENT /MAZON ESRs- and job safety plan. -Follow instructions as per service connection agreement contract
Removal of fuses	<ul style="list-style-type: none"> - Phase to Phase contact - Dust hazard - Heat stroke 	<ul style="list-style-type: none"> - Burns,/shock , unconscious & Fatality - Irritation, Breathing problem & Lungs problem 	<ul style="list-style-type: none"> - If necessary Switch off MCCB, Use proper PPE (Rubber gloves) & use insulated tools - Use goggles & face shield.
Work on damaged Cutout panels	<ul style="list-style-type: none"> - Slip & Trip - Phase to Phase shock & Phase to Earth shock - Dust hazard - Heat stroke 	<ul style="list-style-type: none"> - Fracture, Scratch, Permanent & Temporary disability - Burn, unconscious & Fatality - Irritation, Breathing problem & Lungs problem 	<ul style="list-style-type: none"> - Good housekeeping & use proper tools - Switch off MCCB, Use proper PPE (Rubber gloves) & use insulated tools - Use goggles & face shield
Work in House caught fire.	<ul style="list-style-type: none"> - Electric fire - Traffic - Dust & smoke 	<ul style="list-style-type: none"> - Burn & Fatality - Stress, Noise & Accident - Irritation, Breathing problem & Lungs problem 	<ul style="list-style-type: none"> - Make incoming supply to the house as dead(isolate the power supply) with proper PPEs - Immediately inform ROP - Use goggles & monkey cap

Activity	Hazard	Consequences	Controls
Cutting Tree branches touching S/W	<ul style="list-style-type: none"> - Tree branches fall down - Tools & Material fall down - Dust Hazard - Slip & Trip - Fall down 	<ul style="list-style-type: none"> - Wound, Fracture, Bleeding & Fatality - Wound, Fracture, Bleeding & Fatality - Irritation, Breathing problem & Lungs problem - Fracture, Scratch, Permanent & Temporary disability - Wound, Fracture, Bleeding & Fatality 	<ul style="list-style-type: none"> - Use helmets & another man should watch carefully who is working on pole - Use goggles & monkey cap - Good housekeeping & use proper tools - Use safety belt - Maintain the safety distance
Removal of Feeder pillar blown out fuse	<ul style="list-style-type: none"> - Thermal conduct (Body physically touch with heated parts) - Arc or flash (High temperature caused by short circuit) - Tools or material fall down - Slip & Trip - Traffic - Dust & Smoke 	<ul style="list-style-type: none"> - Burn, Dehydration & Fatality - Burn, Dehydration & Fatality - Wound, Fracture, Bleeding & Fatality - Fracture, Scratch, Permanent & Temporary disability - Stress, Noise & Accident - Irritation, Breathing problem & Lungs problem 	<ul style="list-style-type: none"> - Use proper PPEs, Rubber gloves to be used, face shield to be used. - Proper tools & if necessary switch off the feeder - Another man should watch out CEP while doing the work, he should not allow any people or vehicle to enter the working area



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Activity	Hazard	Consequences	Controls
<p>Work on Feeder pillar Bus bar on fire</p>	<ul style="list-style-type: none"> - Thermal conduct (Body physically touch with heated parts) - Arc or flash (High temperature caused by short circuit) - Tools or material fall down - Slip & Trip - Traffic - Dust & Smoke 	<ul style="list-style-type: none"> - Burn, Dehydration & Fatality - Burn, Dehydration & Fatality - Wound, Fracture, Bleeding & Fatality - Fracture, Scratch, Permanent & Temporary disability - Stress, Noise & Accident - Irritation, Breathing problem & Lungs problem. 	<ul style="list-style-type: none"> - Use proper PPEs , Rubber gloves & face shield to be used. - Proper tools & if necessary switch off the feeder - Another man should watch out the CEP and he should not allow any people or vehicle to enter the working area
<p>Work on Cutout box fuse blown out</p>	<ul style="list-style-type: none"> - Thermal conduct (Body physically touch with heated parts) - Arc or flash (High temperature caused by short circuit) - Tools or material fall down - Slip & Trip - Traffic - Dust & Smoke 	<ul style="list-style-type: none"> - Burn, Dehydration & Fatality - Burn, Dehydration & Fatality - Wound, Fracture, Bleeding & Fatality - Fracture, Scratch, Permanent & Temporary disability - Stress, Noise & Accident - Irritation, Breathing problem & Lungs problem. 	<ul style="list-style-type: none"> - Use proper PPEs, Rubber gloves to be used, face shield to be used. - Proper tools & if necessary switch off the feeder - Another man should watch out CEP while doing the work, he should not allow any people or vehicle to enter the working area

Activity	Hazard	Consequences	Controls
Work on u/g Cable fault	<ul style="list-style-type: none"> - Slip & Trip - Heat stroke - Electric Shock 	<ul style="list-style-type: none"> - Fracture, Scratch, Permanent & Temporary disability - Dehydration & Stress - Burn, unconscious & Fatality 	<ul style="list-style-type: none"> - Maintain Good housekeeping, - trench area should be kept clean & use proper tools - Use proper PPE (Rubber gloves) - Follow ESRs
Work on Cutout box Bus bar on fire	<ul style="list-style-type: none"> - Thermal conduct (Body physically touch with heated parts) - Arc or flash (High temperature caused by short circuit) - Tools or material fall down - Slip & Trip - Traffic - Dust & Smoke 	<ul style="list-style-type: none"> - Burn, Dehydration & Fatality - Burn, Dehydration & Fatality - Wound, Fracture, Bleeding & Fatality - Fracture, Scratch, Permanent & Temporary disability - Stress, Noise & Accident - Irritation, Breathing problem & Lungs problem. 	<ul style="list-style-type: none"> - Use proper PPEs , Rubber gloves & face shield to be used. - Proper tools & if necessary switch off the feeder - Another man should watch out the CEP and he should not allow any people or vehicle to enter the working area
Replace blown out PG	<ul style="list-style-type: none"> - Electric Shock - Fall down - Tools & Material fall down - Dust Hazard 	<ul style="list-style-type: none"> - Burn, unconscious & Fatality - Wound, Fracture, Bleeding & Fatality - Wound, Fracture, Bleeding & Fatality - Irritation, Breathing problem & Lungs problem 	<ul style="list-style-type: none"> - Use proper PPE (Rubber gloves) - Use safety belt. - Use goggles & helmet - Standby man should be in the ground to watch carefully CEP who is working on pole - Use insulated ladder for climbing the pole. - Use insulated tools. - Follow work instructions – CLIENT /MAZON ESRs- and follow job safety plan.



Activity	Hazard	Consequences	Controls
Work on Pole with fire	<ul style="list-style-type: none"> - Electric Shock - Fall down - Tools & Material fall down - Dust Hazard - Traffic 	<ul style="list-style-type: none"> - Burn, unconscious & Death - Wound, Fracture, Bleeding & Fatality - Wound, Fracture, Bleeding & Fatality - Irritation, Breathing problem & Lungs problem - Stress, Noise & Accident 	<ul style="list-style-type: none"> - Switch off the feeder & Use proper PPE (Rubber gloves) - Use safety belt - Use helmets & another man should watch carefully the CEP working on pole - Use goggles & monkey cap - Immediately inform ROP & another man should watch out the CEP and he should not allow any people or vehicle to enter the working area.

7.2. HEAT STRESS ACTIVITY :

Activity	Hazard	Consequences	Controls
Working on sun light	<ul style="list-style-type: none"> - Heat Stress 	<ul style="list-style-type: none"> - Dehydration, Stress, Skin problems, fatigue, Weakness & Death - Burn, unconscious & Fatality 	<ul style="list-style-type: none"> - Take enough water & Take frequent breaks - Have access to shade

7.3. DRIVING ACTIVITY :

Activity	Hazard	Consequences	Controls
Driving without valid Omani driving license	- Reckless driving	- Accidents, Serious injuries or even Fatality	- Drivers to have a valid Omani driving license - Drivers to be trained in DD
Unmaintained vehicles	- Breakdowns - Potential hazards for road users	- Accidents, Serious injuries or even Fatality	- Vehicles must be maintained - Maintenance program should be maintained.
Driving in raining & cloudy sessions	- Mist/Fog	- Blocking of vision, hitting objects/vehicles - Accidents, Serious injuries or even Fatality	- Vehicle should be driven with dipped lights On - Reduce speed to suit visibility
High speed without observing the road surface condition	- Accident due to inconsistent road conditions	- Loss of control of vehicle & Accidents, Serious injuries or even Fatality	- Watch road conditions regularly - Reduce the speed to suit road conditions
Over speed	- Accident due to excessive speed	- Roll over/ collisions Accidents, Serious injuries or even Fatality	- Reduce speed to suit road condition - Watch out speed limits
Night driving	- Rollover & accident	- Poor visibility leading to rollover/hitting against objects, vehicles & personnel	- Reduce speed (max.60 KMPH) - Follow road safety regulations
Passengers without seat belt	- Failure to wear seat belts	- Fatality in case of roll over	- Driver to ensure that all passengers wear seat belts before starting the vehicle



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Activity	Hazard	Consequences	Controls
Driving without rest	- Fatigue while driving vehicles	- Unsafe practice leading to accidents & resulting in multiple injuries to driver & passenger	- Ensure that the journey management is planned & followed - Take rest as per requirements
Driving without watching the surrounding	- Driver failing to observe the people - Driver failing to observe the underneath objects - Driver failing to observe the vehicles around him	- Accidents, Serious injuries or even Fatality	- Driver to check if any person is beneath or around the vehicle prior to start it.
Driving without observing the animals in road	- Camels & Animals on roads	- Loss of control over the vehicle Accidents, Serious injuries or even Fatality	- Adhere to speed limits. - Slow down/stop when a camel or animal is seen on the road
Driving without checking the vehicle condition	- Rupture of wheel drum - Tyre burst	- Accidents, Serious injuries or even Fatality	- Check the vehicle for defects and have them rectified before driving - Do not drive with cracked wheel drums - Adhere to the speed limits - Ensure proper maintenance/regular vehicle checks - Check the vehicle/tyres for defects and have them rectified before driving

7.4. LIFTING WORK ACTIVITIES :

Activity	Hazard	Consequences	Controls
Hiab& Crane	<ul style="list-style-type: none"> - Suspended load - Hit the nearby object - Hit the nearby personnel 	<ul style="list-style-type: none"> - Fall down - Property damage - Injury, permanent or temporary disability & lead to fatality 	<ul style="list-style-type: none"> - Tie the load perfectly& do not go under the suspended load - The operator should be well trained & have valid Omani license - Follow CLIENT lifting operation procedures
JCB	<ul style="list-style-type: none"> - Hit the nearby object - Hit the nearby personnel 	<ul style="list-style-type: none"> - Property damage - Injury, permanent or temporary disability & lead to fatality 	<ul style="list-style-type: none"> - The operator should be well trained & have valid Omani license - Follow CLIENT lifting operation procedures

7.5. HOUSEKEEPING ACTIVITIES :

Activity	Hazard	Consequences	Controls
Working in slippery floor	<ul style="list-style-type: none"> - Slips, tripping & fall 	<ul style="list-style-type: none"> - Personal injury 	<ul style="list-style-type: none"> - Maintain Good housekeeping (everything should be in the right place, and a right place for everything) - Regular inspections - Toolbox talks - Proper stacking & disposal practice
Easily flammable activity	<ul style="list-style-type: none"> - Fire 	<ul style="list-style-type: none"> - Burns/loss of asset/fatality 	<ul style="list-style-type: none"> - Maintain good housekeeping - Train the personnel in fire fighting - Keep the fire extinguisher ready



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7.6. ACTIVITIES IN PRESENCE OF REPTILES / INSECT :

Activity	Hazard	Consequences	Controls
Presence of reptiles / insects taking the personnel by surprise during work	- Biting & injecting venom in the blood	- Unconsciousness / death	- Inspect the working area every day before commencing the work - If the reptile is observed leave on its path



8.0

GENERAL SAFETY RULES



8.1 Discipline

- ❖ Strictly follow and implement company's HSE policies.
- ❖ Avoid physical jokes, horseplay and discourse quarreling.
- ❖ The participants to become emotional.
- ❖ Don't tease, mock or ridicule any parson, religion, cultural norms, or make fun of names
- ❖ Avoid and discourage discussions on religion, politics or any other topic that may cause for any reassure
- ❖ Don't use bad languages at any time.
- ❖ Keep yourself, your dress/PPE, your equipment/instrument and your work area neat,
- ❖ Don't treat people with arrogance specially your juniors.
- ❖ Don't shout or make unnecessary noises at any time.
- ❖ clean, clear and in order

8.2 Health Care

- ❖ Wash your hands after using toilet and before eating meal.
- ❖ For drinking use, only water specified for drinking.
- ❖ Use your own towel.
- ❖ Don't use other's used razor
- ❖ Keep your living place clean and clear.
- ❖ Don't use medicines at your own
- ❖ If you are on medication, consult with doctor.
- ❖ In case of any physical /health problem consult with the doctor
- ❖ Keep yourself, your dress/PPE, your equipment instrument and your work area neat,
- ❖ clean, clear and in order
- ❖ Take care of your health and the crew



9.0

INCIDENT ANALYSIS & REPORTING

9.0 INCIDENT ANALYSIS AND REPORTING

Incident Investigation

9.1.1 Purpose:

The purpose of this procedure is to ensure a safe workplace for all RMP employees and sub-contractors through effective and systematic Incident investigation and reporting mechanisms, to ensure that further risks of workplace incidents are eliminate.

The purpose of Accident Incident reporting is to ascertain the root causes of the Accident / incident, which will

- ❖ Prevent any incident that may result from the hazard.
- ❖ Correct the problem to prevent a recurrence
- ❖ Obtain data, which will allow trends to be measure and programs implemented to reduce risk.

Scope:

This procedure is applicable to all RMP employees and contractors.

Accident	Is an unplanned / uncontrolled occurrence or incident that causes or contributes to personal injury or damage to property
Incident	Is an event that causes or could cause harm (injury, illness or damage) to persons, plant, and material on the environment
Hazard	A situation that has the potential to harm a person, the environment or damage to property
Near miss	Is any occurrence that might have led to injury or illness to people, danger to health and/or damage to property or the environment.

Roles and Responsibilities

9.1.2 Foreman and Supervisors are responsible for

- ❖ Implementing this procedure in their area of responsibility and accountability
- ❖ Ensuring that appropriate staffs receive suitable training to carry out their role in hazard and incident reporting, investigation and recording
- ❖ Promptly reporting and investigating incidents in their area of responsibility and accountability
- ❖ Completing and forwarding incident report forms to the HSE Department as soon as practicable and within designated time lines using (Incident Report Form).
- ❖ Implementing identified risk control measures to prevent recurrence of incidents.
- ❖ Consulting with staff in relation to the measures to be taken to prevent recurrence of incidents
- ❖ Reviewing hazard/incident reports for their area to ensure that all recommendations are implement.
- ❖ Ensuring, as far as is reasonably practicable, that adequate financial provision and other resources are available to institute the recommended actions.

9.1.3 Staffs are responsible for:

- ❖ Not placing themselves or others at risk of injury
- ❖ Reporting incidents to their supervisor or manager, and HSE Officer (if applicable), as soon as possible after the event.

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- ❖ Participating in the development of appropriate risk control measures to prevent recurrence of similar incidents.
- ❖ Using risk control measures as required and any other action taken, which is designed to protect health and safety

9.2 Incident Reporting Procedure

All the Accidents/ incidents and near miss should immediately reported to the Supervisor and the HSE Department.

In case of any Accident / Incident occurred at site, the following procedures are to be Followed:

- ❖ Obtain first aid treatment /assistance for any injuries.
- ❖ Secure the site (if applicable).
- ❖ Immediately notify ROP (9999)
- ❖ The incident must reported within 24rs from the occurrence by Site Supervisor /in charge using the Incident Report Form.
- ❖ Ensure all recommendations identified from the investigation are completed or planned for rectification
- ❖ Details of incident and recommendations to be discussed at local working groups/committees.
- ❖ Any unresolved recommendations are to be included in local action plans for completion.

9.2.1 The Investigation Process

- ❖ An immediate inspection of the site should conducted. This inspection should provide an objective assessment taking into account the severity of the incident in both human and financial terms.
- ❖ Analyze the environment prior to the occurrence. This may include,
- ❖ The system of work should carried out.
- ❖ Workplace conditions such as lighting, floor surface, stair treads, warning signs, weather conditions if the incident occurred outside.
- ❖ Location of the incident
- ❖ Materials used or handled.
- ❖ Transport or equipment used.

9.2.2 The incident

- ❖ Personnel involved/ experience training
- ❖ Witnesses
- ❖ What happened
- ❖ Time of the incident
- ❖ What equipment/ substances was being used

9.2.3 Following the incident

- ❖ Result of the incident-Injury or damage
- ❖ Rescue procedures
- ❖ Any events which contributed to enhancement of injury or damage

Effective investigation will look for the design, environmental and behavioral components of Incident and not Look for a single cause. The investigation should:



- ❖ Identify causes, such as design, environment, behavioral
- ❖ Identify problem areas or particular hazards
- ❖ Recommend corrective action
- ❖ Provide information that can be used as a preventative
- ❖ Provide management, supervisors, HSE Department with data about health and safety problems
- ❖ Provide information that can be used to analyze the need for specific programs

9.2.4 Information Analysis

- The incident investigation team will analyze the information gathered from the incident, identify underlying causes and recommend appropriate action.
- The Line Manger would review each completed report and recommendations, ensure that all corrective actions had implemented.
- RMP Incident Review Committee will review data from investigations, monitor trends and make recommendations to the Senior Manager/engineers/Forman/Supervisors on appropriate preventative strategies and priorities in health and safety
- Recommendations and actions would reviewed and followed by HSE Department to ensure relevance and completion. HSE Department will review incident statistics, identify trends and determine the appropriate use of resources on a priority basis.

9.2.5 Records Keeping

- Incident investigation Reports / records should be maintained for future reviews and analysis
- Records should be maintained at HSE Department



10.0

AUDIT REVIEW & INSPECTION



10.0. AUDIT REVIEW AND INSPECTION

10.1 Availability

Safety audit schedule and a safety inspection schedule should be prepared by the HSE Officer, to identify those areas and activities upon which safety audits and inspections, shall be taking place.

The purpose of RMP audits and inspections are not for finding fault with individual but evaluate the deficiency in our HSE system, which shall provide opportunities for correction and improvement.

10.2 Scope

Audit shall typically evaluate:

- Awareness, knowledge and training of personnel
- Relevant documentation
- (HSE Plan)
- How activities meet the requirements of the HSE System
- The auditor shall document results of audits on a checklist.

10.3 Coverage

Inspections shall evaluate:

- How activities meet the requirement of the HSE system
- Records indicating effectiveness of the HSE system

10.4 Follow-up

The Foreman/Supervisors, assisted by HSE Officer shall be responsible for follow up action committed to each area of operation.

The HSE Officer or his designate shall ensure that the following documents are maintained on file:

- Internal audit report
- inspection check list
- Status of action points arising from audits and inspections form



11.0

HSE COMPETANCE & TRAINING MATRIX

11.1. THIRD PARTY TRAINING REQUIRED PERSONNELS :

S.N	COURSE TITLE	ATTENDEES	TRAINING MODE
1	Managing Safety	Project Manager	Third Party
		Project Engineer	Third Party
		HSE Officer	Third Party
		Site Engineer	Third Party
2	HSE Induction	Project Manager	Third Party
		Project Engineer	Third Party
		HSE Officer	Third Party
		Site Engineer	Third Party
		Drivers	Third Party
		Crew Team Members	Third Party
3	First Aid	Project Manager	Third Party
		Project Engineer	Third Party
		HSE Officer	Third Party
		Site Engineer	Third Party
		Drivers	Third Party
		Crew Team Members	Third Party
4	Electrical Safety Rules	Project Manager	Third Party
		Project Engineer	Third Party
		HSE Officer	Third Party
		Site Engineer	Third Party
		Crew Team Members	Third Party
5	Fire Warden	Project Manager	Third Party
		Project Engineer	Third Party
		HSE Officer	Third Party
		Site Engineer	Third Party
		Crew Team Members	Third Party
6	Work at Height	Project Manager	Third Party
		Project Engineer	Third Party
		HSE Officer	Third Party
		Site Engineer	Third Party
		Stringing Crews	Third Party
7	Scaffolding	Project Manager	Third Party
		Project Engineer	Third Party
		HSE Officer	Third Party
		Site Engineer	Third Party
		Crew Team Members	Third Party
8	Risk Assessment	Project Manager	Third Party
		Project Engineer	Third Party
		HSE Officer	Third Party
		Site Engineer	Third Party
		Crew Team Members	Third Party
9	Environmental & Waste Management	Project Manager	Third Party
		Project Engineer	Third Party
		HSE Officer	Third Party
		Site Engineer	Third Party
		Crew Team Members	Third Party



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10	Lifting Operation	Operator	Third Party
		Rigger man	Third Party
11	Defensive Driving	All Drivers	Third Party
(Note: Crew Team Members – Electrician, Cable Jointer, Lineman, Helper)			



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11.2. HSE COMPETANCE TRAINING MATRIX :

Name of The Employees	Designation	ESR	HSE Induction	First Aid	Fire Warden	Defensive Driving	Scaffolding	Managing Safely	Risk Assessment	Safety Leadership	Incident Investigation	Environmental Awareness	TPC-Operator	TPC-Rigger	Work at Height
Mohammed Said Muslem al Sarkhi	Chairman														
Nirmal Ram	GM	Done	Done	Done	Done		Done	Done	Done			Done			Done
Ayyanar Nallamuthu	Project Manager	Done	Done	Done	Done		Done	Done	Done			Done			Done
Ravikumar Balasubramanian	HSE Officer	Done	Done	Done	Done			Done	Done	Done	Done	Done			Done
Nasser Rashid al Kalbani	PRO														
Veerekesavan Veerarajan	Project Engineer	Done	Done	Done	Done		Done	Done	Done	Done	Done	Done			Done
Jebarathinam	Project Engineer	Done	Done	Done	Done		Done	Done	Done			Done			Done
Thirupathiraj Seenivasan	Cable Joints	Done	Done	Done	Done		Done		Done	Done		Done			Done
Balakrishnan Muthusamy	Foreman	Done	Done	Done	Done		Done		Done			Done			Done
Raju javvaje	Lineman	Done	Done	Done	Done		Done		Done			Done			Done
Prabakaran	Lineman	Done	Done	Done	Done		Done		Done			Done			Done
Manikandan	Lineman	Done	Done	Done	Done		Done		Done			Done		Done	Done
Said Salim Said al Khadri	Driver		Done	Done											

Prepared By: -

Ravikumar B
HSE Officer
Royal Majan Projects

Note: -

ESR - Electrical Safety Rules.
TPC - Third Party Certificates

11.3. IN-HOUSE TRAINING REQUIRED PERSONNELS :

S.N	COURSE TITLE	ATTENDEES	TRAINING MODE
1	Near Miss Reporting	Project Manager	Internal
		Project Engineer	Internal
		HSE Officer	Internal
		Site Engineer	Internal
2	Environmental Awareness	Project Manager	Internal
		Project Engineer	Internal
		HSE Officer	Internal
		Site Engineer	Internal
		Drivers	Internal
3	Permit to Work & Switching Program	Crew Team Members	Internal
		Project Manager	Internal
		Project Engineer	Internal
		HSE Officer	Internal
		Site Engineer	Internal
4	Excavation Safety	Project Manager	Internal
		Project Engineer	Internal
		HSE Officer	Internal
		Site Engineer	Internal
		JCB Operator	Internal
5	Usage of Mandatory PPE	All Site Personnel	Internal
6	Emergency Evacuation Drill	All Company Personnel	Internal
7	Portable Power Tools	All site Personnel	Internal
8	Heat Stress	All site Personnel	Internal
9	House keeping	All Company Personnel	Internal
10	Chemical Handling	All site Personnel	Internal

11.4. EMERGENCY RESPONSE TEAM MEMBERS :

- 1. NOMINATED FIRST AIDER**
- 2. FIRST AIDER ASSITANT**
- 3. NOMINATED FIREWARDEN**
- 4. FIRE WARDEN ASSITANT**



12.0

SUBCONTRACTOR MANAGEMENT



12.0 SUBCONTRACTOR MANAGEMENT:

12.1 Purpose

The purpose of this program is to ensure that RMP continues to improve subcontractor health, safety and environmental performance and to establish a standard for pre-qualification, evaluation/selection and development of our subcontractors.

12.2 Scope

This program applies to all subcontractors and all RMP location

12.3 General Requirements

- All RMP subcontractors should be manage in accordance with this program.
- The use of subcontractors must be pre-approved by RMP. Approval requirements include:
- Formal safety review of the subcontractor should performed by RMP safety department.
- The scope of the review was commensurate with the hazards and risk exposure.
- Subcontractor has been/will be oriented to the safety policies, expectations and requirements of RMP.
- The subcontractor agrees to abide by our Drug and Alcohol policy and onsite safety rules throughout the duration of the work.
- Any subcontractor that has a “Non-Approved” safety status will not be work on any RMP site.

12.4 Procedure

Pre-Qualification of Subcontractors

Subcontractors will be pre-qualified by reviewing their safety programs, safety training documents and safety statistics.

Evaluation Safety Metrics

Acceptable safety metrics will be countable as criteria for prequalifying and selecting subcontractors. The safety metrics and scoring will consider:

RMP Subcontractor Safety Pre-Qualification Form responses and subcontractor safety program documents review 60% (Rated from 0-60 total points)

Subcontractor safety training documents review 20% (Rated from 0-20 total points)

Subcontractor safety statistics review 20% (Rated from 0-20 total points)

Evaluation Rating and Acceptance

The subcontractor rating system will have three designations:

Equal to or Greater than 90 points = A – no restrictions, approved by RMP Safety.

Between 81 and 89 points = B – Mitigation plan must be documented and approved by RMP Safety, management approval in writing.

Between 71 and 80 points = C – Mandatory commitment meeting with senior subcontractor management present; mitigation plan documented and approved by RMP Safety; management approval in writing; trained subcontractor safety personnel on site during work regardless of number of workers

Less than 70 points = D – not to be allowed.

Once each subcontractor has been evaluate and scored, RMP safety will provide management the scores/ranking.



RMP reserves the right to change a subcontractor's status to "Non- Approved" if the subcontractor shows insufficient progress towards accepted mitigation plan or other agreed upon criteria.

12.5 Subcontractor Involvement

Contractors are required to follow or implement the work practices and systems described below while performing work at RMP worksites:

1. Attend a safety orientation, pre-job meeting or kick-off meeting provided by RMP prior to any work beginning
2. Monitor employees for substance abuse and report nonconformities to RMP
3. Ensure personnel have the required training and competency for their work
4. Participate in RMP tailgate safety meetings, job safety analysis or hazard assessments and on the job safety inspections.
5. Perform a pre-job safety inspection that includes equipment
6. Participate in the BBS hazard reporting system
7. Report all injuries, spills, property damage incidents and near misses Comply with onsite and Owner Client safety rules
8. Implement RMP safety practices and processes as applicable
9. Clean up and restore the worksite after the job is over
10. Ensure compliance with regulations at all times
11. Post job safety performance reviews should be conduct.



13.0

LIFTING PLAN

13.1. LIFTING PROCEDURES :

13.1.1.Introduction

Many types of lifting equipment are use on major hazards sites. Major lifts to install or remove large plant items will involve the use of large cranes, such as tower cranes, and mobile cranes. However many plant operations will involve the lifting of drums of chemicals, mobile equipment and spares for maintenance using lifting chains, travelling cranes, hoists and lifting trucks. These smaller routine lifts are normally carried out by trained plant operators, whilst larger lifts are undertaken by specialists. Both these aspects are considered in this document.

13.1.2. General principles

The following issues may contribute towards a major accident or hazard:

- Failure to observe the relevant legal requirements;
- Ergonomic design of the lifting equipment;
- Whether the lifting equipment is the appropriate type;
- Failure of lifting equipment;
- Strength, stability and location of the lifting equipment;
- Toxicity and/or flammability of chemicals being lifted or in area of lift;
- Ability of plant to withstand collisions or impacts from dropped loads;
- Poorly managed safety systems in place to deal with lifting equipment;
- Safe access and egress of the lifting equipment to and from the site; and
- Unconscious and conscious incompetence.

13.1.3. Contributing factors by the assessor to be consider concerning lifting procedures

Contributory factors may be:

- Management systems in place to reduce human error during the commissioning, installation, operation
- and decommissioning of lifting equipment (Permit to work, safe systems of work, control of contractors);
- Whether there are sufficient systems, procedures and plans in place to make safe a plant or area of a site before lifting operations commence (isolation, plant shut-down, permit to work systems, barriers and fencing);
- The risk assessments conducted to determine the potential major accidents and hazards present

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as a result of using lifting equipment on a site (wind maps, proximity hazards, spillage, overload);

- Whether staff has been sufficiently informed, instructed, trained and supervised to minimize a potential human failing during use of lifting equipment;
- Types of lifting equipment in use (mobile cranes, tower cranes, lift trucks, hoists, telescopic handler);
- Properties of lifting equipment required to be in place within the designated work zone (intrinsically safe, chemical/heat resistant, maximum load and safe jib radius of a mobile crane, correct type of cab heater for a mobile crane);
- Whether a sufficient frequency of inspections is carried out to identify reduced integrity of the lifting equipment (daily for crane and carrier systems);
- Qualifications of competent persons to carry out inspections;
- Maintenance and calibration of lifting equipment;
- Whether there are sufficient markings on the lifting equipment (maximum permitted load, dating values);
- There is sufficient edge protection;
- The integrity and continuing integrity of the lifting equipment with respect to their environment (corrosive/chemical resistance, storage of the equipment, strength and stability);
- Human behavior (stress, fatigue, perception of information contained in method statements, safe systems of work, misuse).

13.1.4. Major hazards

Safety report should address the following points:

- Consequences of collision/impacts of mobile lifting equipment, loads and dropped loads with process plant, pipe work, electrical cables and people;
- Control of lifting operations to prevent collisions/impacts;
- Adequacy of management systems to identify human failings during the use of lifting equipment;
- Adequacy of inspection regime;
- Training of operators in the use of lifting equipment;
- Risk assessments of lifting operations;
- Overturning and overloading;
- Power failure of lifting equipment during lifting mode.

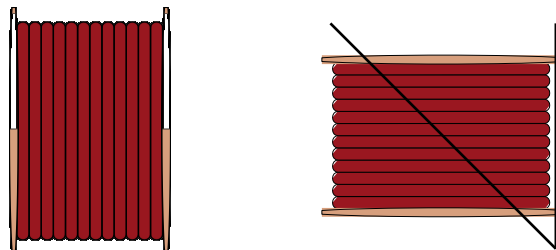
13.2. DRUM HANDLING PROCEDURES :

1. Drum handling and storage guide

- Cable is a valuable product, if the handling and storage is not properly; it leads to damage the Cables. In addition, damage may not discovered until / after installation, moreover, repairs can be extremely difficult / expensive.
- the purpose of this guide is to illustrate, how damages could be avoidable by proper handling and storage practices.

2. Keep the drum up right

- The drum is designed to be handled in upright position. It may not sustain if lifted lying flat. When kept upright, the cable layers will not get entangled. This would obviate problems during lying.



- always store and move the drum in an upright position. In no case, the drums be stored 'on the flat' that is with flange horizontal.

i. Roll in direction farrowsonly

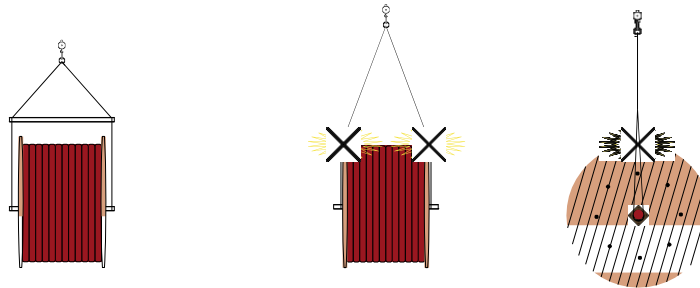
- when the drum must be rolled for some reason, always roll the drum in the direction of arrow. This way, the cable will not unwind or loosen on the drum.



- However, this does not mean that the drum can be rolled freely for any distance. Limit rolling distance to five meters. If it is rolling beyond this limit, the cable wind will come too tight and cut off the rope holding the cable end. This may deform the cable and make it unfit for use.
- Once placed in position, use proper stoppers to prevent drum from rolling.

ii. Lift the drum without damage

- While lifting the drum, use the shaft through the center of the drum and a spreader beam.
- If these are not available, lift with the long a rope as possible, so that the sides of the drum are not damaged. However, make sure that the cable head is not pinched between rope and drum.



- Ensure that drum thus hoisted is well balanced. Also, ensure that it is not touching other drums.
- Take care, not to give any impact to the drum being lower. In case a cable drum must be temporarily in a waiting position, keep it hoisted. Do not repeatedly put it down.

iii. Nail with caution

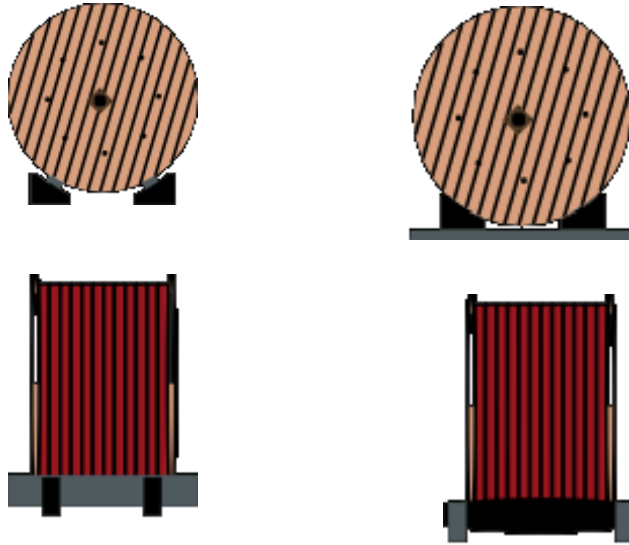
- Avoid punching nails into cable drums. If nailing is utmost necessary, make sure that they do not touch the cable.

iv. Secure the drums firmly

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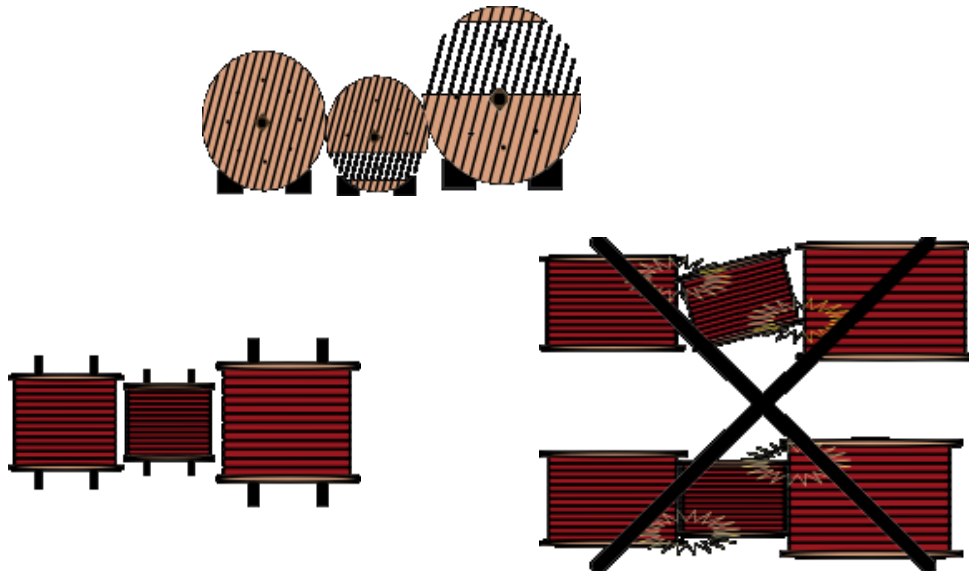
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- The round shaped cable drum rolls easily. It is in a very unstable state because



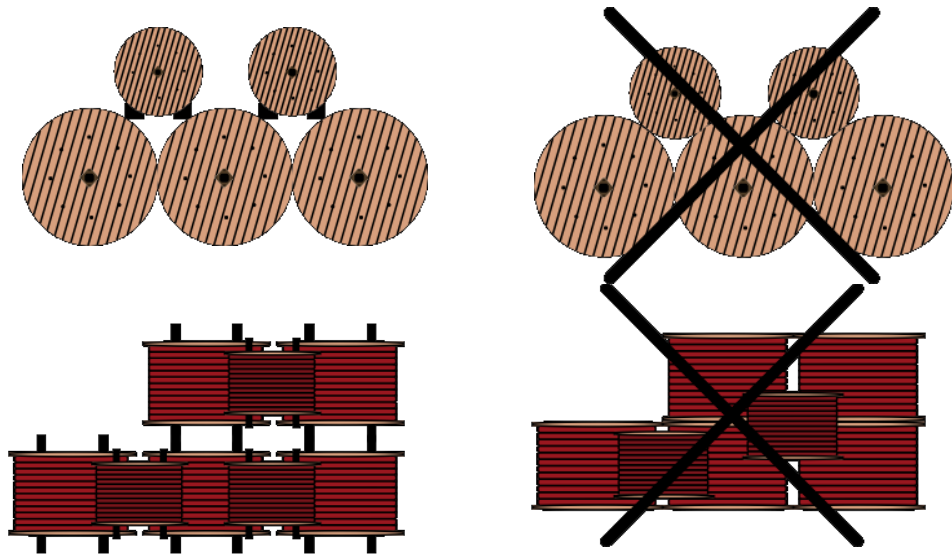
its center section is vacant and the whole weight rests on its peripheral section.

- Make sure that each drum is provided with stopper to prevent from rolling during storage.



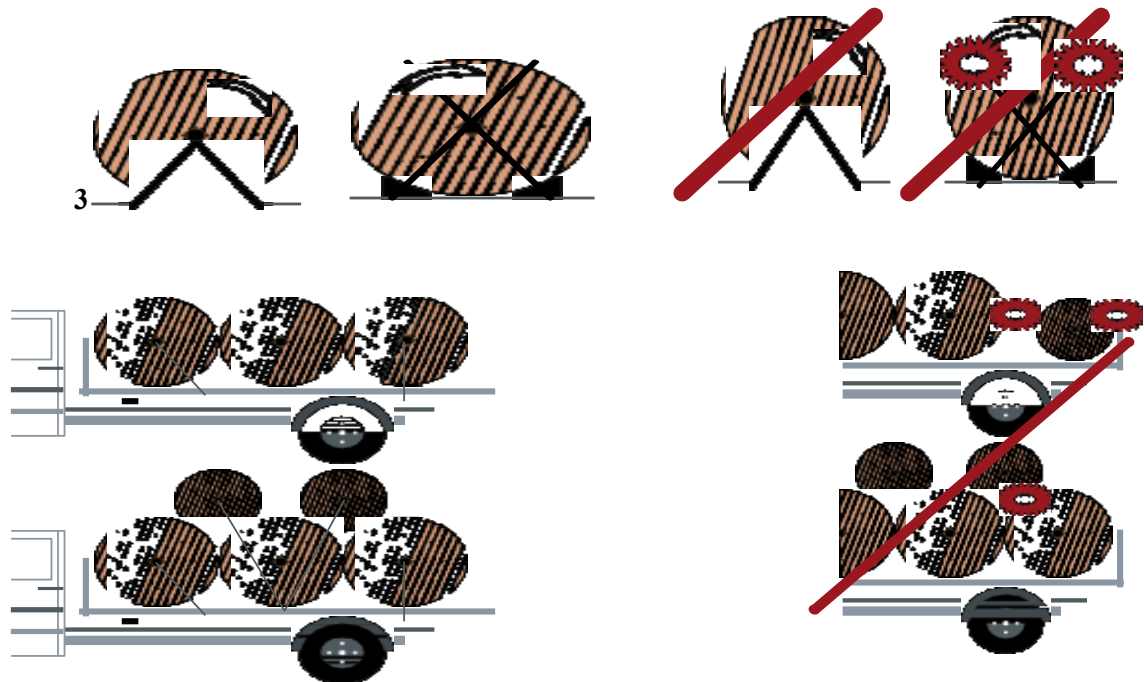
- It is preferable that large drums should be lifted from the base onto triangular or square wedges. The wedge s should be positioned by the flange s or the full width of drum.

v. **Avoid stacking**



vi.

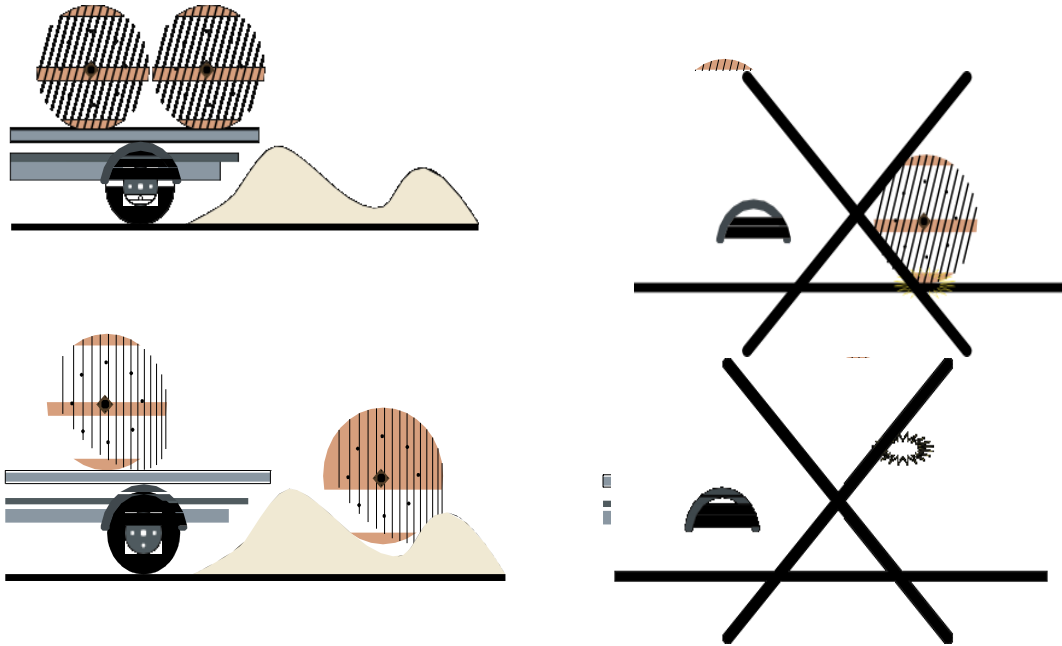
Fasten the drums firmly



- During transportation, the drum shall be fastened to the base through the center hole or across the Flanges with wires or ropes. To prevent movement of drums, a combination of wedges and transportation support should be used and tied down front and rear.

vii. **Don't drop drums**

- The drums must not be dropped from the vehicle. The drum is to be lift either by winch or fork-lift.



- When either of this is available, a make shift ramp with approximate inclination of 1:4 should be constructed. The cable drum should be rolled over this ramp by means of ropes and winches. Additionally, a sand bed at the foot of the ramp should be made to brake the rolling of cable drum.
- Make sure when unloading, the drum does not strike another drum.

viii. **Storage for longer periods**

- The site chosen for storage of cable drums must be level and dry. It should have a firm, preferably concreted surface. This will avoid sinking of the drums and difficulty in subsequent shifting.
- All drums should be stored in such a manner as to leave sufficient space between them for air circulation.
- During storage, the drum should be rolled to an angle of 90° once every three months. Also, tie bolts shall be checked and tightened at regular intervals.
- Always turn a cable drum using turn table. Never use crow bar if turn table is not available. Two well greased plates can be used instead.



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- Storage of cable drums under shed is not essential unless the storage is for very long period.
However, the cable drums shall be protect from direct sun light by covering them by tarpaulin or thick black polyethylene sheet.

ix.

Rewinding

- When for any reason, it is necessary to rewind a cable on to another drum, the barrel of the drum Should have a diameter not less than that of the original drum.
- It is utmost important while rewinding to avoid dragging of the cable against drum flange or sharp edges.
- Avoid pulling the cable across long unsupported spans. Provide freely rotating roller supports.
- Do not pull a cable with powered vehicle.



14.0

HSE MATRIXES



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14.0 RMP HSE MEETING MATRIX

MEETING	FREQUENCY	MEETING HEAD	PARTICIPANTS
Management Review Meeting	Yearly	Director	Director, Project Manager & other invitees
Drivers/ Operators meeting	Quarterly	HSEM	All Drivers, Operators, Transport Foreman
Weekly HSE meeting	Weekly	HSE OFFICER	Project Manager, Site Engineer, Foreman & Lineman
Tool box Meeting	Daily	Crew leader	Crew Members



14.1. HSE MEETING MATRIX :

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Weekly Meeting	X	X	X	X	X	X	X	X	X	X	X	X
On Site HSE Meeting	X	X	X	X	X	X	X	X	X	X	X	X
Common TBT	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Monthly Meeting	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
HSE Minutes Of Meeting			Z			Z			Z			Z

Note:

- X – Means weekly once conduct meeting.
- Y – Means monthly once conduct meeting.
- Z - Means three months once conduct meeting.



14.2. HSE TRAINING MATRIX :

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Usage Of Mandatory PPE	Y											
Permit To Work		Y										
Safety Excavation			Y									
Lifting Operations				Y								
Manual Handling					Y							
Road Safety						Y						
Work At Height							Y					
Near Miss Reporting								Y				
Signages									Y			
Material Handling										Y		
House Keeping											Y	
Environmental Awareness												Y



14.3. EMERGENCY DRILL MATRIX :

Emergency Drill Categories	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Emergency Evacuation Drill												
Office evacuation drill	Y											
Camp evacuation drill				Y								
Store evacuation drill								Y				
Site Location evacuation drill												Y
Fire Drill												
Combustible material fire		Y										
Flammable liquid fire					Y							
Electrical equipment fire							Y					
Combustible metal fire									Y			
Kitchen fire											Y	
General Drill												
Road Safety Driving			Y									
Vehicle Accident										Y		



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14.4. FIRST AID MOCK DRILL MATRIX :

Scenario of action plans	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Broken Arm & Legs	Y											
Types Of Burning		Y										
Severed Body Cut			Y									
Electrical Shock				Y								
Heart Attack					Y							
Food Poisoning						Y						
Diabetics							Y					
Convulsive Seizure								Y				
Heat Stress									Y			
Abdominal Wound										Y		
Nose Bleed											Y	
Tick Bite												Y



14.5. HSE INSPECTION MATRIX :

Inspection Categories	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Site Location	X	X	X	X	X	X	X	X	X	X	X	X
Internal Office	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Internal Camp	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Internal Store	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Vehicles	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Earth Moving Equipment	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
First Aid	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Fire Extinguisher	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Lifting Accessories	Z				Z				Z			
PPE Inspection		Z				Z				Z		
Hand & Power Tools			Z				Z				Z	
Safety Signage's & Notices				Z				Z				Z



14.6. HSE AUDIT MATRIX :

ACTION PLANS	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
HSE Polices	Y						Y					
Leadership & Commitment		Y						Y				
Strategic Objectives			Y						Y			
Implementation & Monitoring				Y						Y		
HEMP					Y						Y	
Work Permit System						Y						Y
TBT Records	Y						Y					
Check List Records		Y						Y				
HSE Meeting Reports			Y						Y			
HSE Training Records				Y						Y		
Emergency Drill Records					Y						Y	
Management Review						Y						Y



15.0

HSE REGISTERS

15.1. RISK ASSESSMENT/ RISK REGISTER :**Introduction:**

A risk assessment is a systematic examination of task, job or process that you carry out at work for identifying the significant hazards, the risk of someone being harm and deciding what further control measures, you must take to reduce the risk to an acceptable level.

- ✓ Identifying the significant hazards that are present.
- ✓ Deciding if what you have already done reduces the risk of someone being harm to an acceptable level.
- ✓ Deciding what further control measures you must take to reduce the risk to an acceptable level

Risk Assessment Templates

A separate risk assessment should be carried out for all tasks or processes undertaken by our organization, they should be carried out before the task starts, or in the case of existing or long running tasks, as soon as is reasonable practicable.

Non-Compliance

The penalties for failing to carry out risk assessment can be strict. The Health & safety Executive can issue improvement or prohibition notices, this is likely to happen where an inspector find a situation with the potential to cause harm.

Method Statements

A Safety Method Statement, sometimes called a “safe system of work” must be produce for all jobs or tasks that contain some measure of risk, contractors are more and more noticing that method statements are being requested by their clients, the request for a Method Statement can come at any time.

Risk Assessment Methodology

- ⇒ Identify the hazards
- ⇒ Identify those at risk
- ⇒ Identify existing control measures
- ⇒ Evaluate the risk
- ⇒ Decide/Implement control measures
- ⇒ Record assessment
- ⇒ Monitor and Review
- ⇒ Inform

Identify the hazards

A hazard is a situation or a condition with the potential for harm.

- Workforce
- Accident, ill health and near miss data
- Instruction manuals



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- Data sheets-COSHH
- Hazard crib sheets
- Workplace inspection

Identify those at risk

Think about individuals or groups of people who may be affected

- Office staff
- Maintenance personnel
- Members of the public
- Machine operators

Identify existing control procedures

Examine how you already control the risks; it is unlikely that your workers are getting injured on a daily basis, so you must have some controls in place already. To decide if those existing control procedures are adequate the risk, complete a risk ranking which will determine the residual risk.

Evaluate the risk

A risk is defined as the likelihood that a hazard will cause harm.

CONSEQUENCE				LIKELIHOOD				
				V. Low A	Low B	Medium C	High D	V. High E
Severity Rating	P Personnel Injuries	A Asset Damage	E Environment Impact	Never Heard of in Power Industry	Heard of Incident in Power Industry	Incident Has Occurred in MZEC	Happens >5 Times Per year in MZEC	Happens >5 Times per year at locations
1	Slight (eg.FAC)	Slight (<US\$1k)	Slight Impact		Low Risk			
2	Minor (RWC, MTC)	Minor (US\$ 1-10k)	Minor Impact					
3	Major (LTI, PPD)	Considerable (US\$10-100k)	Moderate Impact			Medium Risk		
4	Single (Fatality, PTD)	Major (US\$ 100k-1M)	Major Impact					
5	Multiple (Fatalities)	Extensive (>US\$ 1M)	Massive Impact		High Risk			

Decide and Implement new control measures

If the risks not adequately controlled, which new control procedures are required and ensure these procedures are implement. The control measures are the actions performed to reduce risk either the probability of the accident happening or the severity of the outcome, and where possible both. When considering what measures to put in place it is important to consider both severity and likelihood, in order to minimize the overall risk.

Record assessment



Keep copies of the assessments for your records and for inspection by HSE should they ever be request.

Monitor and Review

You must ensure that the control measures are achieving the desired level of control. You must review the assessment on a regular basis or if anything changes.

Inform

You have a legal duty to ready the findings of the assessment to everyone who may affected by it. You must also provide information to the workforce on any new control measure implement, any emergency procedures that have been developed and their duties as employees.

Some key elements of a suitable and sufficient risk assessment are:

- worker involvement;
- a hazard identification process (which will entire data gathering and analysis);
- gap analysis; and
- Solution development.

Inspection

RMP will conduct frequent visit at site by HSE Engineer. He may ask to speak to a range of people in the organization, which may include:

- Site foreman
- Site Engineers
- Lineman's
- Electricians
- Helpers

Enforcement

Enforcement action, in the form of an Improvement Notice, may be considered where organization fail to show sufficient commitment to – or make sufficient progress in – assessing the risks from work related stressors, **unless** the organization can demonstrate that employees are not exposed to risks to their health and safety from exposure to stressors at work.



15.2.
TASK SPECIFIC WORKPLACE OBSERVATIONS /
TASK SPECIFIC HSE INSPECTIONS

A. RISK /HEMP REGISTER – ACTIVITY 01: Cable Trenching Machine Excavation Works

S. No.	SIGINIFICIA NT HSE HAZARD	RISK OR HAZARD EFFECT	CONSEQUENCES (1,2,3,4,5)	PROBABALITY (A,B,C,D,E)	RISK RATING	CONTROL MEASURES PROPOSED	RESIDU AL RISK RATING (AFTER CONTRO LS IN PLACE)	RECOVERY MEASURES
1	Slip trip fall in trench. (fall of persons, animals and vehicles)	All workers may suffer sprains bruising Or Fractures if they trip over objects, such as work debris. Or Slip on spillages.	3	C	HIGH	<input type="checkbox"/> Barricading the trench <input type="checkbox"/> Provide sufficient warning boards <input type="checkbox"/> Trenches kept for prolonged periods should be protect with hard barriers with mesh end cap. <input type="checkbox"/> Use PPE while working in near trench excavation	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance
2	Collapse of sides	Fracture Personal Injury Scarring/ Disfigurement	3	C	MEDIU M	<input type="checkbox"/> All excavated materials should be kept 1m away from the sides of excavation <input type="checkbox"/> Avoid keeping tools and materials at the edge of excavation <input type="checkbox"/> To avoid collapse of excavation it should be dig in a safe angle 5 degree to 45 degree depends on the type of soil <input type="checkbox"/> Use PPE while working in excavation <input type="checkbox"/> Avoid using vibrating equipment's in proximity	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance

B. RISK /HEMP REGISTER – ACTIVITY 02: Cable Trenching Manual Hand Excavation Works

3	Underground Utility (Available of Electricity cable)	Electro-caution PTD Fatality	4	E	HIGH	<input type="checkbox"/> At all stages of excavation a competent person should supervise & should give clear instructions on working safely in the excavation. <input type="checkbox"/> Keep the site free from obstruction	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call 9999 <input checked="" type="checkbox"/> Call for Majan Call center
4	Underground Utility (Available of water pipe line)	Damage of water lines Personal Stress	3	B	MEDIUM	<input type="checkbox"/> Take a trial pit hand excavation to find the water pipe lines & should give clear instructions on working safely in the excavation. <input type="checkbox"/> Nearby water pipe line must be taking trench by using hand tools	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance <input checked="" type="checkbox"/> Call to service

								provider
5	Dust	Allergy, Asthma, Lung disease Breathing problems	3	E	MEDIUM	<input type="checkbox"/> Use goggles & face mask <input type="checkbox"/> Water spraying to the powder sand areas <input type="checkbox"/> Provide sufficient break during the manual excavation process	LOW	<input checked="" type="checkbox"/> Provide first aid
C. RISK /HEMP REGISTER – <u>ACTIVITY 03</u>: Cable Protection Wadi concrete Works								
6	Collapse of sides	Fracture Personal Injury Scarring/ Disfigurement	4	C	MEDIUM	<input type="checkbox"/> Barricading the trench <input type="checkbox"/> Provide sufficient warning boards on concrete mixer equipment process <input type="checkbox"/> Concrete mixer equipment protected with hard barriers and blinker lights. <input type="checkbox"/> Do not parking mixer equipment nearby trenching area. <input type="checkbox"/> Provide rigger man	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance
7	Chemical hazard (Bitumen paint)	May inhalation / Observation while carrying the activity	3	C	MEDIUM	<input type="checkbox"/> Make sure to place all paints/cements in a designated area. <input type="checkbox"/> Keep the paint in shaded area. <input type="checkbox"/> Make sure to use proper respiratory face mask and hand gloves.	LOW	<input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance
D. RISK /HEMP REGISTER – <u>ACTIVITY 04</u>: MFP Erection								
8	Suspended Load	Hitting, impact on employees, vehicles and properties, Fatality Property damage	4	D	HIGH	<input type="checkbox"/> Before starting works check the HIAB/ Crane lifting Slings / Ropes are properly tested / third party certified <input type="checkbox"/> Make sure to check capacity of the slings and the material matches <input type="checkbox"/> There should be continues contact between operator and rigger. <input type="checkbox"/> Do not allow workers to stand under suspended load <input type="checkbox"/> Lifting area must be barricaded to avoid unauthorized entry and for Safe lifting procedure	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance <input checked="" type="checkbox"/> Inform to ROP <input checked="" type="checkbox"/> Call 9999
9	Mechanical hazard by heavy vehicle (Hiab)	Hitting, Entanglement ,Abrasion, Impact on employees, vehicles and properties, Fatality	4	D	HIGH	<input type="checkbox"/> Provide proper trained banks man <input type="checkbox"/> Use certified lifting crane <input type="checkbox"/> Provide Warning board/ Barrier around vehicle movement area <input type="checkbox"/> Lifting procedure copy should be available on site	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance

E. RISK /HEMP REGISTER – <u>ACTIVITY 05: Use of Lifting Equipment Activities</u>								
10	Working under suspended load, hitting nearby objects, persons	Fracture, scratch, permanent & temporary disability Fatality Property damage	4	c	HIGH	<input type="checkbox"/> Proper instructions should be given for safe lifting procedure <input type="checkbox"/> Hiab should be inspected before work <input type="checkbox"/> All lifting equipment's must be third party certified <input type="checkbox"/> Deploy competent rigger <input type="checkbox"/> Use proper PPE for activity <input type="checkbox"/> Lifting area must be barricaded to avoid unauthorized entry and for safe lifting procedure	LOW	<input checked="" type="checkbox"/> Emergency response procedures <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Inform ROP
11	Using crane below /near overhead lines	Electric shock Hit to adjacent structure, materials Personal Injury/ Death	4	C	HIGH	<input type="checkbox"/> Check for overhead line cable and maintain Work under safe working distance <input type="checkbox"/> Deploy competent person and There should be continues contact between operator and rigger. <input type="checkbox"/> Proper barricading & warning boards , should be provided <input type="checkbox"/> Should be operated by competent person <input type="checkbox"/> Proper instructions should be given for safe lifting procedure	LOW	<input checked="" type="checkbox"/> Emergency response procedures <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Inform ROP <input checked="" type="checkbox"/> Call to Majan call center <input checked="" type="checkbox"/> Call 9999
F. RISK /HEMP REGISTER – <u>ACTIVITY 06: MFP Earthing Works</u>								
	Slip and Trip hazard	Personal Injury and Fatality	4	D	HIGH	<input type="checkbox"/> Provide proper deep excavation Sign boards on a 2.7 MTR trench area. <input type="checkbox"/> To avoid 2.7 MTR trench pit not opening on a long duration. <input type="checkbox"/> Covering of the deep excavated area <input type="checkbox"/> Keep the site free from obstruction	LOW	<input checked="" type="checkbox"/> Emergency response procedures <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call 9999
13	Excavation collapse	Injury, Risk of Life	3	C	MEDIUM	<input type="checkbox"/> Provide net / shattering on 2.7mtr pit <input type="checkbox"/> Do not walking near the deep excavated area. <input type="checkbox"/> Avoid using vibrating equipment's in proximity	LOW	<input checked="" type="checkbox"/> Emergency response procedures <input checked="" type="checkbox"/> Provide first aid
14	Dust & Carbon Powder	Allergy, Asthma, Lung disease	3	B	MEDIUM	<input type="checkbox"/> Use face Mask <input type="checkbox"/> Use Goggles <input type="checkbox"/> Provide proper earthing training	LOW	<input checked="" type="checkbox"/> Emergency response procedures <input checked="" type="checkbox"/> Provide first aid

G. RISK /HEMP REGISTER – <u>ACTIVITY 07</u> : LV Cable Laying Works								
15	Slip, trip fall in trench	All workers may suffer sprains bruising Or Fractures if they trip over objects, such as work debris. Or Slip on spillages.	3	C	MEDIUM	<input type="checkbox"/> Accessing area must be free from falling condition <input type="checkbox"/> Provide sufficient breaks <input type="checkbox"/> Work must be supervised by a competent person and proper instruction should be given for working safely <input type="checkbox"/> Use PPE while working in near trench excavation <input type="checkbox"/> Trained persons should be used for the cable laying process	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance
16	Physical hazards	Muscular sprains and strains Back injury	3	C	MEDIUM	<input type="checkbox"/> Avoid manual cable laying process <input type="checkbox"/> Cable winch should be used <input type="checkbox"/> Implement more manpower if cable laying is done manually <input type="checkbox"/> Provide sufficient breaks	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance
H. RISK REGISTER/HEMP REGISTER – <u>ACTIVITY 08</u> : Manual Tools Handling process								
17	Heavy loads Slip/Trip	Personal injury, Stress	4	C	HIGH	<input type="checkbox"/> Load sharing. <input type="checkbox"/> Use of Mechanical aids. <input type="checkbox"/> Provision of proper access/egress.	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistant
18	Duration of lifted load. Repetitive works Sharp edges. Size & Dimension of the materials.	Health illness Property damage	3	C	MEDIUM	<input type="checkbox"/> Training personnel for lifting techniques <input type="checkbox"/> Use of appropriate PPEs'. <input type="checkbox"/> Using skilled persons. Assess the task, environment and the persons prior to performing a manual handling task. <input type="checkbox"/> TBT prior to work and Record maintain.	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistant
I. RISK /HEMP REGISTER – <u>ACTIVITY 09</u> : Sand bedding & Sand filling process								
19	Mechanical hazard by heavy vehicle (JCB)	Hitting, Entanglement, Abrasion, Impact on employees, vehicles and properties, Fatality	4	D	HIGH	<input type="checkbox"/> Provide proper trained banks man <input type="checkbox"/> Use third party certified JCB <input type="checkbox"/> Provide Warning board/ Barrier around vehicle movement area <input type="checkbox"/> Trained operator should perform this activity	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance <input checked="" type="checkbox"/> Call 9999

20	Dust	Allergy, Asthma, Lung disease Breathing problems	4	B	MEDIUM	<input type="checkbox"/> Use goggles & face mask <input type="checkbox"/> Provide sufficient break during the sand bedding and sand filling process	LOW	<input checked="" type="checkbox"/> Provide first aid	
J. RISK /HEMP REGISTER – <u>ACTIVITY 10</u>: Route Marker Erection									
21	Suspended Load	Hitting, impact on employees, vehicles and properties, Fatality Property damage	4	D	HIGH	<input type="checkbox"/> Condition of vehicles, Crane operations and working area <input type="checkbox"/> Use third party certified safety belts <input type="checkbox"/> Deploy competent rigger <input type="checkbox"/> Use PPE. <input type="checkbox"/> Lifting area must be barricaded to avoid unauthorized entry and for Safe lifting procedure	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance	
22	Mechanical hazard by heavy vehicle (Hiab)	Hitting, Entanglement, Abrasion, Impact on employees, vehicles and properties, Fatality	4	D	HIGH	<input type="checkbox"/> Provide proper trained banks man <input type="checkbox"/> Use certified lifting crane <input type="checkbox"/> Provide Warning board/ Barrier around vehicle movement area		<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance	
K. RISK /HEMP REGISTER – <u>ACTIVITY 11</u>: Backfilling & Leveling Works									
23	Defective equipment	Collapse of Excavation	4	C	HIGH	<input type="checkbox"/> Prior to inspect the JCB and use of third party certified equipment.	LOW	<input checked="" type="checkbox"/> Emergency response procedures	
24	Untrained personnel	Roll over Loss of control towards roller	4	C	HIGH	<input type="checkbox"/> Operator should be third party certified trainings <input type="checkbox"/> Adequate clearance/protection with existing structures.	LOW	<input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance	
25	Vibration	Personal injury	4	C	MEDIUM	<input type="checkbox"/> Water spraying <input type="checkbox"/> Use proper PPE	LOW	<input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Emergency response procedures	
26	Dust & noise	Health illness	2	B	MEDIUM	<input type="checkbox"/> Provision of right equipment. <input type="checkbox"/> Use proper goggles, ear plugs and face mask.	LOW	<input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance	

27	Side slopes	Fractures Scarring/ Disfigure- ment	3	B	MEDIUM	<input type="checkbox"/> Use of appropriate PPE <input type="checkbox"/> Trained personnel should be used for the levelling process.	LOW	<input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance
L. RISK /HEMP REGISTER– ACTIVITY 12: Cable Termination Works on New MFP								
28	Fire risk	Skin burn Loss of asserts Fatality	3	C	MEDIUM	<input type="checkbox"/> The cable termination/ Jointing/ testing activity area to be keep free of combustible materials. <input type="checkbox"/> The suitable fire extinguisher to be kept near the activity. <input type="checkbox"/> While doing the cable termination/ jointing / testing / using power tools, works there is chance of happening fire <input type="checkbox"/> The gas cylinder to be keep in safe distance	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance
M. RISK /HEMP REGISTER – ACTIVITY 13: Cable Termination Work on Live Feeder Pillar								
29	Thermal conduct (body physically contact with live heated parts)	Burn, unconscious & fatality Personal Injury	4	E	HIGH	<input type="checkbox"/> Use proper PPE and proper Rubber gloves while working near live apparatus and check the hand gloves condition <input type="checkbox"/> Do not move close to the live parts <input type="checkbox"/> Keep safe working distance from the live parts <input type="checkbox"/> Maintain a good house keeping <input type="checkbox"/> Use proper insulated tools	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance <input checked="" type="checkbox"/> Call 9999
30	Arc or flash (high temperature caused by short circuit)	Burn, unconscious & fatality Personal Injury	4	C	HIGH	<input type="checkbox"/> Use proper PPE (Rubber gloves) & use insulated tools <input type="checkbox"/> Check the inspection tags on insulated and power tools <input type="checkbox"/> Switch off the feeder if necessary <input type="checkbox"/> Work under proper supervision of competent person <input type="checkbox"/> Avoid unauthorized people to near the live feeder pillar <input type="checkbox"/> Deploy competent person to work on live feeder pillars	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance
31	Mechanical Hazard	Hitting, Cuts, Stabbing	4	D	HIGH	<input type="checkbox"/> <input type="checkbox"/> Watch and Work careful near projected Parts of equipment's <input type="checkbox"/> Cover the sharp edges <input type="checkbox"/> Competent persons, P\prior to check before starting of work	LOW	<input checked="" type="checkbox"/> Emergency response procedures <input checked="" type="checkbox"/> Provide first aid

32	Fire / Explosion	Burn Skin Tissue, Wound, Risk of life, Fatality	5	E	HIGH	<input type="checkbox"/> <input type="checkbox"/> Keep flammable materials away from Live Parts <input type="checkbox"/> Train the personnel in firefighting <input type="checkbox"/> Maintain good house keeping <input type="checkbox"/> Keep Fire Extinguisher at site <input type="checkbox"/> First Aid kit	LOW	<input checked="" type="checkbox"/> Emergency response procedures <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call to fire service <input checked="" type="checkbox"/> Call 9999
O. RISK /HEMP REGISTER – <u>ACTIVITY 14</u> : Poor House keeping								
33	Slip, trip, fall	Cuts, permanent or temporary disability when fall over sharp materials or objects	3	C	MEDIUM	<input type="checkbox"/> Materials should be stored properly. <input type="checkbox"/> Maintain good house keeping <input type="checkbox"/> Every day task completed, after allotted 15 min for cleaning activity. <input type="checkbox"/> Every person should aware of environmental pollution.	LOW	<input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance
P. RISK REGISTER/HEMP REGISTER – <u>ACTIVITY 15</u> : Working Under Sun Light								
34	Heat stress/ heat stroke	Dehydration Sun burns Tiredness Vomiting Fatigue Personal Injury	4	C	HIGH	<input type="checkbox"/> Physical demands of work should be reduced <input type="checkbox"/> Rest shelter should be provided to reduce heat stress <input type="checkbox"/> Provide sufficient drinking water <input type="checkbox"/> Duration of exposure to sunlight to be reduced i.e. schedule work when temperature is low <input type="checkbox"/> Frequent breaks should be provided <input type="checkbox"/> Use PPE – reflective jacket & Hard Hats	LOW	<input checked="" type="checkbox"/> Emergency response <input checked="" type="checkbox"/> Provide first aid <input checked="" type="checkbox"/> Call for medical assistance



15.3. ENVIRONMENTAL IMPACT ASSESSMENT :

Introduction:

An environmental impact assessment (EIA) is commonly describe as an assessment of the impact of planned activities on the environment, including impacts on biodiversity, vegetation and ecology, water, and air.

This EIA register enables a comprehensive analysis of our project activities and associated environmental impacts. The environmental aspects register allows the organization to evaluate and determine the significance of impact on the environment, and rank them accordingly.

In compiling this register, historic, current and proposed developments, activities, products and services have been consider. There are not consider to any historic issues, such as contaminated land, to include and any proposed development that would lead to a new aspect (direct or indirect) or a change to an existing aspect shall be represent on the register accordingly.

The register has been compile following an initial environmental review of the organization's project activities, including consideration of legal requirements, pollution risk assessment and the views of interested parties. It shall be review at least annually or when changes to any activities, products and services occur and amended accordingly.



EIA REGISTER MATRIX								
CONSEQUENCES					LIKELIHOOD			
					Low 1	Medium 2	High 3	V. High 4
Severity Rating	Scale & Impact	Legal/ Policy/ Others	Business Issues Litigation/ clean up costs	Reputation, Views of Interested Parties	Unlikely to occur, no evidence of occurring, extreme situations only	Occasional Possibly may occur e.g. annually. May be due to staff or equipment failure	Likely Intermittent in normal conditions e.g. monthly or weekly	Certain Constantly in normal conditions
A	Minimal reversible pollution, Reversible in 1 month	None	Potential for minimal loss (£'s)	None				
B	Minor pollution, short-term localised impact reversible in 1 year	Policy/ performance standard aspiration	Potential for minor loss (£'s)	Potential for internal complaint/ non conformance				
C	Moderate pollution, short term implications not reversible in 1 year, complaints	Potential breach of regulations	Potential for moderate loss (£'s)	Potential for external complaint				
D	Major pollution, long-term impacts reversible in >1 year. Impacts health/ toxic etc	Actual breach of regulations	Potential for major loss (£'s)	Because of breach actual serious complaint/ PR issue etc				



EIA REGISTER - [15.3.1](#): EXCAVATION WORKS

➤ Excavation						
Environmental Aspects	Environmental Impacts	Consequence (A, B, C, D)	Probability (1, 2, 3, 4)	Risk Rating	Control Measures	Residual Risk Rating (After controls in place)
Dust, Air emission	<p>-Dust and air emission</p> <p>-May change the ground level</p> <p>-Stock of top soil</p> <p>-Accumulation of water source</p>	B	3	Medium	<ul style="list-style-type: none"> • Provision of spraying water to reduce dust emission • Amount of exposed ground and stockpiles will be minimized so that re-suspension due to wind and subsequent dust fall is prevented • Ensure the complete protection of water course and groundwater against pollution • Arrangement of the soil will be such that runoff does not carry away topsoil but reach the water bodies with which it is linked • Topsoil excavated from the proposed construction be re-spread in areas to be landscaped • Wherever possible care should be taken to prevent water entering the excavations 	Low



EIA REGISTERS - 15.3.2: VEHICLE OPERATION

➤ Vehicles Operation						
Environmental Aspects	Environmental Impacts	Consequence (A, B, C, D,)	Probability (1,2,3,4)	Risk Rating	Control Measures	Residual Risk Rating (After controls in place)
Air emissions, Oil leak	Air Pollution, Noise, Soil Pollution, contamination	D	3	High	<ul style="list-style-type: none"> Equipment should be properly tuned and maintained. Vehicle idling time should be minimized Alternatively furred construction equipment should be used where feasible Sensitize truck drivers to avoid unnecessary revving engines of stationary vehicles. 	Low

EIA REGISTERS - 15.3.3: TRANSFORMER OIL FILTRATION

➤ Transformer oil filtration						
Environmental Aspects	Environmental Impacts	Consequence (A, B, C, D,)	Probability (1,2,3,4)	Risk Rating	Control Measures	Residual Risk Rating (After controls in place)
Oil spill	Soil Contamination	C	4	High	<ul style="list-style-type: none"> Oil absorbent materials to be provided Transformer oil leakage leads to water pollution so bund wall will be constructed around each transformer for any transformer oil that might spill. 	Medium



EIA REGISTER - [15.3.4](#): CONCRETE WORKS

➤ <u>Concrete works</u>						
Environmental Aspects	Environmental Impacts	Consequence (A, B, C, D,)	Probability (1,2,3,4)	Risk Rating	Control Measures	Residual Risk Rating (After controls in place)
Concrete spillage	Soil contamination	D	4	High	<ul style="list-style-type: none"> Cement powder, mould release oils, concrete Retarding and concrete-curing agents will be stored in areas away from storm water sewers, grids, channels and watercourses or adequate measures will be taken to protect against pollution Cement powder will be stored under cover and kept dry in order to prevent wastage 	Medium



EIA REGISTER - [15.3.5](#): COMPACTOR USAGE

➤ <u>Compactor Usage</u>						
Environmental Aspects	Environmental Impacts	Consequence (A, B, C, D,)	Probability (1,2,3,4)	Risk Rating	Control Measures	Residual Risk Rating (After controls in place)
Noise,air emissions, oil leak/spill	Air Pollution, Noise Soil Pollution, contamination	4	C	Medium	<ul style="list-style-type: none"> • Use quiet equipment (designed with noise control elements) • Hydraulic crushers instead of conventional excavator mounted breakers • Wire saw for concrete cutting rather than excavator mounted breakers • Acoustic enclosures for hand-held breakers and generators • Acoustic barriers for large equipment • Provide temporary solutions to reduce noise at adjacent noise sensitive receivers, such as the provision of acoustic insulation. • Limit vehicles to a minimum idling time and observe a approach to vehicle use. 	Low



EIA REGISTER - 15.3.6: WASTE MANAGEMENT

➤ <u>Waste Management</u>						
Environmental Aspects	Environmental Impacts	Consequence (A, B, C, D,)	Probability (1,2,3,4)	Risk Rating	Control Measures	Residual Risk Rating (After controls in place)
Solid waste generation	Soil contamination	4	C	High	<ul style="list-style-type: none"> • Use of durable and long lasting materials that will not need to be replaced • Provision of facilities for proper handling and storage of materials such as rubbish bags/skips. • use of an integrated solid waste management system as source reduction, recycling, reuse, incineration, sanitary land-filling. • Purchase of relish able construction materials. • Adequate collection and storage of waste on site and safe transportation to disposal sites. 	Low



16.0

APPENDIX - I



16.0 Appendix - I

01. First Aid Procedure.
02. Internal Audit Health, Safety & Environment.
03. HSE Action Plan.
04. List of HSSE Courses.
05. Working on Live LT Network.
06. Permit To Work
07. Site Visit Form.
08. Near Miss Reporting Form.
09. HSSE Inspection Report.
10. Vehicle Checklist.
11. HSE Meeting Form.
12. Incident/ Near Miss Report Form.
13. Non Compliance Disciplinary Measures
14. Risk Matrix.
15. Electrical Safe Work Practice.
16. Service Connection Work Procedure,

FIRST AID & SAFETY REPORT:

- ❖ Electrical Safety
- ❖ Extension Cables
- ❖ Use wisely
- ❖ Never use more than one extension cable at a time with each appliance
- ❖ Avoid using extension cables with high wattage appliances such as kettles
- ❖ Portable heaters
- ❖ Water and electricity don't mix
- ❖ Only use earthed three pin plugs
- ❖ Don't cover
- ❖ Appliances

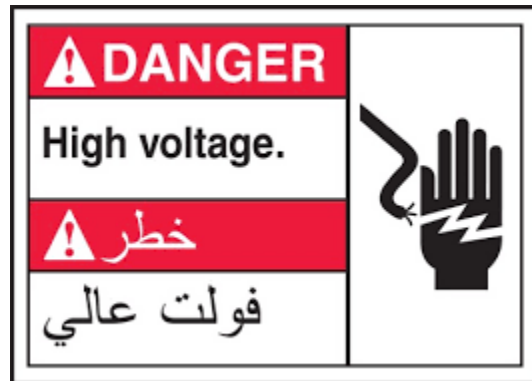
Portable Appliance Testing routinely between 6 months and 5 years depending on the risk

SAFETY SIGNALS & BARRIGADES:

When you work near traffic, you need to protect yourself, co-workers and the public. The Proper use of signs and barricades is a crucial part of any job.

Take time to update your knowledge and understanding of various road safety procedures, signs, and barricades.

In general, traffic control zones look like this:





BARRICADES:

A barricade something such as a road or an entrance, you place a barricade or barrier across it, usually to stop someone getting in.

In the working place or work site the place should cover under control for danger working process the barricading is must.

SITE WORK EXECUTION:

SITE WORK EXECUTION is a team work executing and implementing the plan to complete the project.

In this process the following terms are involves;

- ❖ ADMINISTRATION.
- ❖ PLANNING.
- ❖ SITE MANAGEMENT.
- ❖ ENSURING THE SAFETY.
- ❖ CO ORDINATION.
- ❖ TEAM WORK.
- ❖ SUPERVISION.
- ❖ TOOLS AND EQUIPMENT HANDLING.
- ❖ MONITORING.
- ❖ FOLLOWING THE RULE AND REGULATION.

PROJECT SAFETY:

PROJECT SAFETY The Company shall ensure that all ELECTRICAL project safety related requirements are meet from the conceptual stage of the project through to the design, construction, installation and commissioning stages.

Facilities shall be design and installed in accordance with the requirements of the Contract and in compliance with the requirements in the document at Fire & Safety Philosophy and other project specific safety documents.

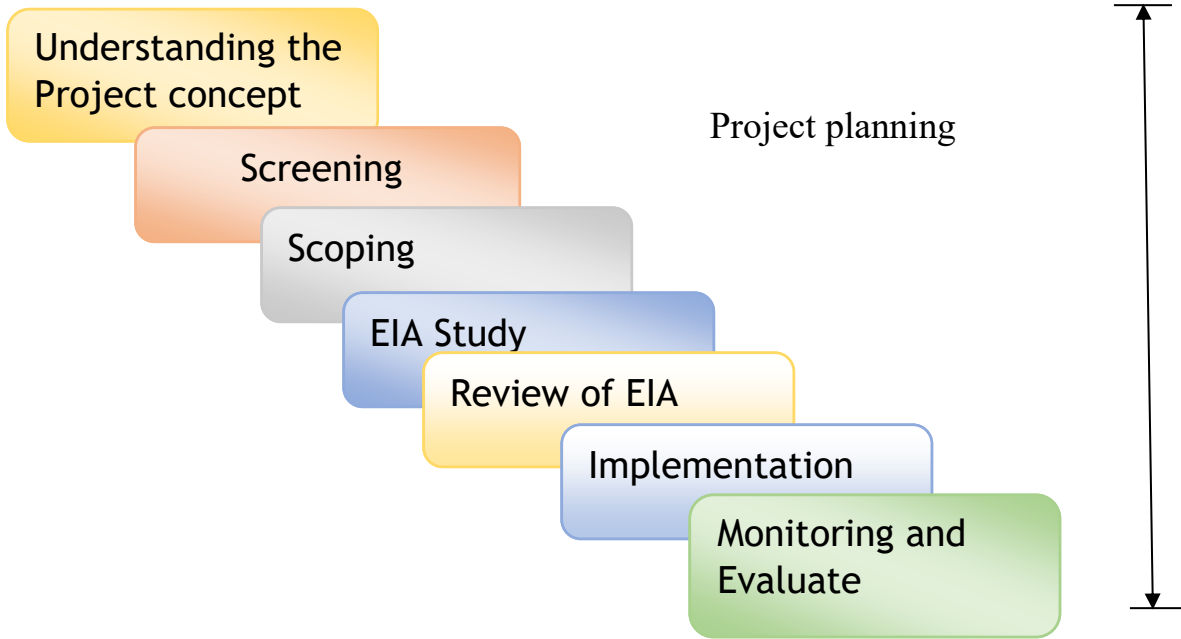
Design reviews, Safety reviews and audits shall be in accordance with specified standards and procedures. Hazard and Operability studies (HAZOP) shall be performed as per the guidelines provided in the document with HAZOP'.

ENVIRONMENTAL IMPACT MANAGEMENT (EIA)

Environmental Impact Assessment (EIA) EIA is a procedure used to examine the environmental consequences or impacts, both beneficial and non-beneficial, of a proposed development project and to ensure that these effects are taken into account in project design.

Environmental Impact Assessment (EIA) can broadly be define as a study of the effects of a proposed project, plan or program on the environment.

EIA takes place within the legal and/or policy and institutional frameworks established by individual countries and international agencies. EIA provision and procedure can contribute to successful implementation of project if these frameworks are adhered to **Environmental impact assessment process.**



INCIDENT REPORTING & ACCIDENT INVESTIGATION:

- ❖ An incident could include but is not limited to a road traffic accident, assault, near miss, fire alarm activation, fire.
- ❖ All accidents, near misses and incidents should be reported as soon as possible using the approved incident form.

Incident triangle:





- To prevent recurrence
- To implement control measures
- To comply with legislation

- ❖ First Responders (Security) will attend all incidents

- If requested to do so make EMERGENCY CALL TO 9999

- ❖ First Responders will attend all fire alarm activations

ACCIDENT INVESTIGATION PROCEDURE:

- ❖ Visit scene of accident immediately.
- ❖ Interview as many people as possible related to the accident.
- ❖ Interview witnesses.
- ❖ Study possible causes of the accident.
- ❖ Ask for other people’s opinion on the cause(s) and remedy.
- ❖ Write a report immediately.
- ❖ Correct the conditions as much as possible urgently.
- ❖ Inform the management immediately and follow up for company corrections of the conditions resulting in accident.

ENVIRONMENTAL MANAGEMENT:

Environmental Management

Systems (EMS) An *Environmental Management System* (EMS) is a set of processes and practices that enable an organization to reduce its *environmental* impacts and increase its operating efficiency.

HAZARD & HAZARDOUS MATERIALS:

Anything that has a potential to cause HARM to the people, equipment, machine and environment

COMMON HAZARDOUS:

- Slips ,trips and falls
- Collisions with vehicle moving/ non moving
- Miss-use of tools & equipment’s
- Manual handling.
- Confined space entry
- Electricity
- Working at height
- PPE
- Chemical
- Biological
- Environmental
- Fire and gas
- Inadequate knowledge over the substance.

WORK AT HEIGHTS:

Work at height mean work in any place, including at or below ground level, where a person could fall a distance liable to cause personal injury. This includes access to egress from that place of work. Does not include stairways or slips or trips on the level.

AWARENESS OF WORK AT HEIGHT

- Fall from elevation.
- Electrocution.
- Ladder and scaffold collapse.
- Bad planking given way.
- Struck by falling tools/ debris.

OTHER REQUIREMENTS:

- ❖ Enclosed Hazard
- ❖ Enclosure of the hazard, such as enclosures for noisy equipment.
- ❖ Isolate Hazard
- ❖ Isolation of the hazard with interlocks, machine guarding, welding curtains, and other mechanisms.
- ❖ Remove / Redirect Hazard
- ❖ Removal or redirection of the hazard such as with local and exhaust ventilation.
- ❖ Redesign Workplace
- ❖ Redesign of workstation to minimize ergonomic injuries.

HSE VIOLATION and PENALTIES:

Workplace violence, harassment, stress, etc. are consider as hazards with psychological impacts on worker.

GROUP	VIOLATION	FINES & PENALTIES
A	Fatality Due To HSE Violation / Negligence	Single Fatality – 1000 OMR Multiple Fatalities Each 1000 OMR Individual Removal From All Contract.;
B	LTI due to HSE violation	First LTI:500 OMR, Second LTI: 1000 OMR individual removable from all NEDC contracts. Third LTI: termination of contract. Warning letter.
C	Failure of reporting incident Within 24 hours to	Warning letter If repeatable 50 OMR



	NEDC.	
D	<p>Working without having the Required official permit.</p> <p>Failure of having safe electrical distribution board earthing and testing.</p> <p>Failure of using safe, proper and standard tools.</p> <p>Failure of implementation and control of hazardous material And waste management.</p> <p>Failure of providing suitable PPE to its employees.</p>	<p>Warning letter</p> <p>100 OMR</p>

RISK & RISK ASSESMENT:

Risk: Likelihood (chance) x consequences (outcome)

The identification, estimation and evaluation of the risk involved in workplace or situation, their comparison against benchmarks or standards and determination of an acceptable level of risk.

HSE RISK MATRIX

SEVERITY	CONSEQUENCES				LIKELIHOOD				
	People	Asset	Environment	Reputation	1	2	3	4	5
					Very Unlikely	Unlikely	Possible	Likely	Very Likely
1	No/ Slight Injury	No/ Slight damage	No/ Slight effect	No/ Slight Impact	Low	Low	Low	Low	Low
2	Minor Injury	Minor damage	Minor effect	Limited Impact	Low	Low	Low	Medium	Medium
3	Major Injury	Local damage	Local effect	Major Impact	Low	Low	Medium	Medium	High
4	Fatality	Major damage	Major effect	Nat. Impact	Low	Medium	Medium	High	High
5	Multiple fatalities	Extensive damage	Massive effect	Internat. Impact	Medium	Medium	High	High	High

HSE INSPECTION MATRIX

5 x 5 Risk Matrix

LIKELIHOOD	5	5	10	15	20	25
	4	4	8	12	16	20
	3	3	6	9	12	15
	2	2	4	6	8	10
	1	1	2	3	4	5
		1	2	3	4	5
	CONSEQUENCES					

Risk Rating

	High
	Medium
	Low

SAFETY AND PERSONAL PROTECTIVE EQUIPMENTS:

PPE means PERSONAL PROTECTIVE EQUIPMENT

Safety equipment issued to help employees in protecting themselves from the hazards of their working environments.



❖ **HEARING PROTECTION**

Ear muffler

❖ **EYE AND FACE PROTECTION**

Goggles and Face mask

❖ **HEAD PROTECTION**

Safety helmet

❖ **HAND PROTECTION**

Safety gloves

❖ **FOOT PROTECTION**

Safety shoes



Employee’s Report of Injury Form

Instructions: Employees shall use this form to report all work related injuries, illnesses, or “near miss” events (which could have caused an injury or illness) – *no matter how minor*. This helps us to identify and correct hazards before they cause serious injuries. This form shall be complete by employees as soon as possible and given to a supervisor for further action.

I am reporting a work related: Injury.....		Illnes s.....	Near miss
Your Name:			
Job title:			
Supervisor:			
Have you told your supervisor about this injury/near miss?		Yes	No
Date of injury/near miss:		Time of injury/near miss:	
Names of witnesses (if any):			
Where, exactly, did it happen?			
What were you doing at the time?			
Describe the step by step what led up to the injury/near miss. (Continue on the back if Necessary) What could have been to do to prevent this injury/near miss?			
What parts of your body were injured? If a near miss, how could you have been hurt?			
Did you see a doctor about injury/illness?		Yes:	No:
If yes, whom did you see?		Doctor’s phone number:	
Date:		Time:	
Has this part of your body been injured before?		Yes	No
If yes, when?		Supervisor:	
Your signature:		Date:	



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Supervisor's Accident Investigation Form

Name of Injured Person _____

Date of Birth _____ Telephone Number _____

Address _____

City _____ State _____ Zip _____

(Circle one) Male Female

What part of the body was injured? Describe in detail.

What was the nature of the injury? Describe in detail.

Describe how was the accident happen? What was the employee doing prior to the event? What equipment, tools being using?

Names of all witnesses: _____

Exact location of event:

What caused the event?

Were safety regulations in place and used? If not, what was wrong?

Employee went to doctor/hospital? Yes / No

If yes,

Doctor's Name _____

Hospital Name _____

Recommended preventive action to take in the future to prevent reoccurrence.

Supervisor Signature

Date

METER FIXING:



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METER FIXING is a process of connecting ENEREGY meter to the consumer loads, for calculating the total power consumption by consumer.

There three types of meter fixed for consumer:

- THREE PHASE ENERGY METER (50-100 KWH)
- SINGLE PHASE ENERGY METER (20-100 KWH)
- C.T METER CURRENT COIL METER (200,400 A)

FUSE FIXING:

An electric fuse is a device that is use to protect electric circuits and electric appliances against high current caused by short - circuiting or overloading due to withdrawal of large current. A fuse is a short piece of wire made of a material of high resistance and low melting point.

The rating of fuse is 100amps and two types:

SPN –SINGLE PAHSE WITH NUTERAL fuse & SP- SINGLE PHASE fuse

CABLE GLANDING:

A **cable gland** is a device designed to attach and secure the end of a **cable** to the equipment. Also used for connecting cable and LDB, main feeder and meter panel board.

Gland sizes: 25 mm, 32mm, 40mm, 50mm, 63mm etc., it will differs upon cable sizes and number of cores.

TERMINATION:

TERMINATION is a process of heating the termination hose fixed, in the cable for to improving insulation in the cables.

This process is mainly use to protect the cable core from damaging of cable core, electric shock life stability of cables

CABLE LAYING:

Cable Laying Is Process, Which The Cable Will Flows In Underground On Trench Makes For Minimum 40 Cm Depth And According To Cable, The Width And Length Will Changes Due To Work And On Work Site.

FEEDDER AND POLE CONNECTION:

In this service connection project, we have follow two methods connection.

1. Pole connection:

This connection has mainly known as overhead line connections.

2. Feeder connection.

The feeder box connection is ground level connection.

CAUTION TAPE:

Workmen, who dig up surfaces are often at risk of serious injury and of



ROYAL MAJAN PROJECTS LLC - HSE PLAN

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causing damage to local homes and businesses, if they accidentally damage an electrical cable.

This tough and highly visible tape acts as an effective warning message to workmen digging up any surface with potentially hazardous electrical cables underneath.

The tape is buried between 30mm and 460mm below ground, where it will be concealed until the area is dug up by workmen.

The tape then alerts them to the potentially dangerous electric cables below, meaning they stay safe and there are no risks to the surrounding properties.

Because of its bright yellow and black, it follows the standard of hazard warning messages and can be seen and acted on immediately.

Our durable tape can help prevent accidents, speed up works, and therefore save on further costs.

COMPETENT ELECTRICAL PERSON:

A PERSON working on electrical equipment, machinery or installations must be competent to do work.

The level of competence required to do a task is dependent upon the complexity of that task and the amount of knowledge required.

Assessing the suitability of an individual to do a task requires evidence of:

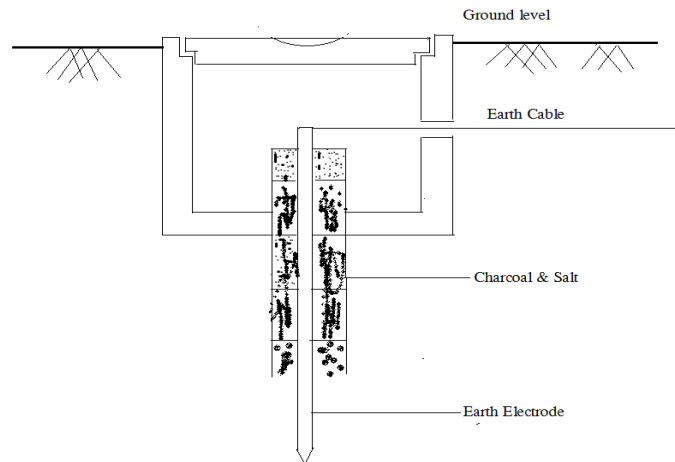
- ❖ Training to an appropriate level in the area of work
- ❖ Experience of achieving a suitable standard in similar work.
- ❖ Regular re-assessment.

EARTHING:

Earthing means connecting any non-current carrying conductor part of an electrical system.

Thus defining the **electric** potential of the conductors relative to the **Earth's** conductive surface.

EARTH PIT DIAGRAM



- **POWER TOOLS & HAND TOOLS**
- **LADDER**
- **FIRE EVACUATION**
- **FIRE PROTECTION**
- **ABBREVIATION AND DEFINATIONS:**
- **BASIC ELECTRICAL ABBREVIATIONS**

LADDER & SCAFFOLDING:

A **ladder** is a vertical or inclined set of rungs or steps. For electrical fiber ladder must. The structure consisting of a series of bars or steps between two upright lengths of wood, metal, or rope, used for climbing up or down something.

Types of ladder:

- ❖ Step ladder
- ❖ Extension ladder
- ❖ Platform ladder
- ❖ Step stool

FIRE PROTECTION:

- ❖ Fire Safety
- ❖ Keep fire exits and routes clear at all times
- ❖ Store flammable materials as directed
- ❖ Control ignition sources
- ❖ Keep fire doors closed when not in use
- ❖ Do not smoke in or near buildings
- ❖ Don't interfere with the fabric of the building
- ❖ Think Fire

FIRE EVACUATION

- ❖ Fire alarm
- ❖ Audible test every Thursday in specific locations
- ❖ On discovering a fire, activate the alarm by pushing a red call point
- ❖ On hearing, the alarm evacuates the building by nearest available route and proceeds to the assembly point.

- ❖ Collect personal possessions only if you can do so very easily and quickly.
- ❖ Wait at the assembly point until informed the area is safe
- ❖ Fire drills Minimum every twelve months but can occur without warning
- ❖ Fire Wardens Minimum of two in each building. Larger buildings have minimum of two on each floor.
- ❖ Recognisable by hi-visibility vests
- ❖ Assembly Point

FIRE EQUIPMENT SIGNS لافتات معدات مكافحة الحرائق

White on red signs are used to locate and identify equipment used in fire fighting.

تستخدم علامات ابيض على احمر لتحديد موقع وتعريف المعدات المستعملة في مكافحة الحريق.

اعرف الرمز اللوني لمطفئة الحريق لديك

KNOW YOUR FIRE EXTINGUISHER COLOUR CODE

ماء WATER	بودرة جافة DRY POWDER	رغوة FOAM	أكسيد الكربون CO ² CARBON DIOXIDE
أحمر RED	أزرق BLUE	أصفر لاصب CREAM	أسود BLACK
مطفئة مياه شورجات إلخ... WATER EXTINGUISHERS ETC.	مرواق ملونة لفلترات متخلشة FLAMMABLE LIQUIDS DISPERSED PARTICLES	مرواق ملونة FLAMMABLE LIQUIDS	مرواق ملونة لفلترات ملونة FLAMMABLE LIQUIDS DISPERSED PARTICLES
غير مأمون على أية لحظة UNSAFE ON ANY VOLUME	بأمره لاستعمال على لفلترات متخلشة على أية لحظة SAFE ON LOW VOLUME UP TO 1000 LITRES	غير مأمون على أية لحظة UNSAFE ON ANY VOLUME	مأمون لاستعمال على لفلترات ملونة SAFE ON HIGH VOLUME



DRY POWDER بودرة جافة

USE ON: Wood, Paper and Textiles	DO NOT USE ON: Flammable Liquids
USE ON: Flammable Solids	DO NOT USE ON: Flammable Gases
USE ON: Motor Vehicle Fires	DO NOT USE ON: Electrical Equipment
USE ON: Low Voltage Equipment	DO NOT USE ON: High Voltage Equipment

SPDFE 016



FOAM SPRAY رغوة

USE ON: Wood, Paper and Textiles	DO NOT USE ON: Flammable Liquids
USE ON: Flammable Solids	DO NOT USE ON: Flammable Gases
USE ON: Motor Vehicle Fires	DO NOT USE ON: Electrical Equipment
USE ON: Low Voltage Equipment	DO NOT USE ON: High Voltage Equipment

SPDFE 018



خرطوم رطب
Wet riser

SPDFE 020



خرطوم جاف
Dry riser

SPDFE 021



CO₂ ثاني أكسيد الكربون

USE ON: Flammable Liquids	DO NOT USE ON: Wood, Paper and Textiles
USE ON: Low Voltage Equipment	DO NOT USE ON: Flammable Solids
DO NOT USE ON: Motor Vehicle Fires	DO NOT USE ON: Flammable Gases
DO NOT USE ON: High Voltage Equipment	DO NOT USE ON: Electrical Equipment



WATER مياه

USE ON: Wood, Paper and Textiles	DO NOT USE ON: Flammable Liquids
USE ON: Flammable Solids	DO NOT USE ON: Flammable Gases
USE ON: Motor Vehicle Fires	DO NOT USE ON: Electrical Equipment
USE ON: Low Voltage Equipment	DO NOT USE ON: High Voltage Equipment



FIRE HOSE REEL خرطوم مياه

USE ON: Wood, Paper and Textiles	DO NOT USE ON: Flammable Liquids
USE ON: Flammable Solids	DO NOT USE ON: Flammable Gases
USE ON: Motor Vehicle Fires	DO NOT USE ON: Electrical Equipment
USE ON: Low Voltage Equipment	DO NOT USE ON: High Voltage Equipment



ROYAL MAJAN PROJECTS LLC - HSE PLAN

Document No. RMP-HSE-001- REVIEW :2/2024

The Hazards and Effects Management Process (HEMP) has developed to identify the HSE hazards at a manufacturing facility and assess management of the hazard.

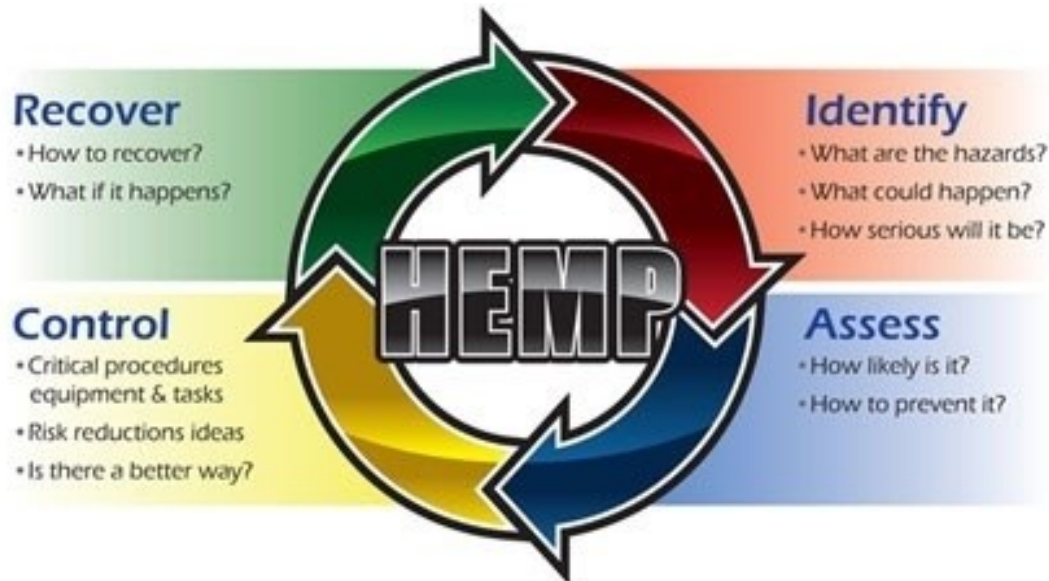
The HEMP process is an analysis technique that reviews the identified hazards and uses a Risk Assessment Matrix to rank the risks based on consequence and likelihood.

HAZARD REGISTER

The Hazard Register is use to document the hazards identified, the consequences related to the hazard, the risks associated with the hazard, and what type of actions were used to control the risk

Hazard identification consists of reviewing all of the activities on site and determining the hazards associated with the activity.

Typically, hazards are chemicals or physical phenomena such as heat, impact or height, such as high-pressure gas, LPG, and hot surfaces.





ROYAL MAJAN PROJECTS LLC - HSE PLAN

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Site name: Date:

NO	DESCRIPTION	MAX. MARKS	MARKS ALLOTTED	AVG MARKS	SCORE IN PERCENTAGE
01	FLOOR HSE Policy, Leadership and Commitment	4			
02	HSE Objectives & Programs	4			
03	Legal & Other Requirements	5			
04	Documentation 5	5			
05	HSE Training & Awareness	10			
06	Risk Assessment & Operational Control	2			
07	PPE & Safety Device Procurement	3			
08	Site HSE Audit	10			
09	Project HSE Committee	5			
10	HSE Performance And Monitoring	5			
11	Emergency Preparedness	10			
12	Management Of First Aid	5			
13	Incident Reporting, Investigating & Analyzing	10			
14	Occupational Health & Hygiene	5			
15	Environmental Management	5			
16	Management Of HSE Awards & Reprimands	5			
17	Management Of Sub-Contractor	5			
18	Management Review	2			
TOTAL		100			

TOTAL AVERAGE SCORE OF THE PROJECT

SIGNATURE:

NAME:

DESIGNATION:

DATE:

ENVIRONMENT CHECKLIST



ROYAL MAJAN PROJECTS LLC - HSE PLAN

Document No. RMP-HSE-001-

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PROJECT/SITE NAME:				
DATE:			TIME:	
S. NO	DESCRIPTION	COMPLIANCE		
		YES	NO	N/A
1	Availability of sufficient quantity of waste bins with labelling and also disposal of wastes from bins takes place at regular intervals			
2	Soil contamination due to improper storage of chemicals/ oil or spillage of any hazards material from equipment's are avoided			
3	Are chemical wastes, if any, collected and disposed properly by the licensed collectors?			
4	Are sedimentation trap and tanks free of silt and sediment?			
5	Area clear from water stagnation			
6	Air, Noise and Water quality monitoring done on regular intervals and corrective actions taken to mitigate the impact			
7	Emissions from equipment's and vehicles under control			
8	Adequate measures taken to collect and dispose bio medical waste			
9	Are disturbance to terrestrial flora minimized (e.g. plants to be			
GENERAL COMMENTS/ REMARKS				
SITE ENGINEET:			HSE OFFICER:	
SIGNATURE:			SIGNATURE:	

CAMP AND STORE INSPECTION CHECK LIST



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Governorate: _____ District: _____ Location: _____
 Contractor Name: _____ Time: _____ Date of Inspection _____
 NEDC Inspector: Contractor In charge _____

0: Unsatisfactory applicable		1: Just satisfactory	2: Fully satisfactory	*Mark N/A if not applicable	
S. NO	Description	0	1	2	REMARK
01	Emergency evacuation Layout Plan Displayed				
02	Security for the camp				
03	HSE Notice Board Available				
04	First Aids Box				
05	First Aider Available				
06	Floor and carpet condition(Slip/Trip/Fall hazards)				
07	Power strip/Electric outlet/wiring				
08	Lighting and illumination				
09	Air Conditioner				
10	Electrical Equipment				
11	General Housekeeping				
12	Fire Detection System/Smoke detectors				
13	Fire Fighting equipment				
14	Emergency route and exit clear and not obstructed				
15	Emergency signage/light				
16	Pantry and Mess Facility				
17	Kitchen Hygienic Condition				
18	Proper Storage of cylinder/ Cooking Cylinder out side				
19	Drains(Floor and sink)clear and free flowing				
20	Refrigerator Facility/condition				
21	Drinking Water facility				
22	Dining Facility				
23	Welfare Facilities (Entertainments)				
24	Washing Facility for workers				
25	Cleaning schedule for Accommodation				
26	Pesticide control schedule for accommodation				
27	Toilet cleaning schedule				
28	Floor area free from water and being wet				
29	Noise level is acceptable				
30	Area is free from doors				
31	Domestic Waste Disposal				

GENERAL HSE INSPECTION CHECK LIST



ROYAL MAJAN PROJECTS LLC - HSE PLAN

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PROJECT/ SITE NAME:				
DATE:			TIME:	
S.NO	DESCRIPTION	GOOD	MUST IMPROVE	N/A
1	Use of PPE & available of PPE on site			
2	Proper Use Of Tools			
3	Lifting Procedure & Condition Of Lifting Tackles			
4	Manual & Mechanical Material Handling			
5	Condition of Machines (Welding, Grinding, Generator, etc.			
6	Scaffolding/ Ladder (Quality & Use)			
7	Vehicle Conditions			
8	Drivers Driving @ Road Safety Measures			
9	Electrical Equipment At Work			
10	Fire Prevention/ Firefighting Equipment			
11	First Aid Box/First Aiders Availability			
12	Warning Signs/ Barricading / Safety Posters			
13	Waste & Spillage Are Property Maintained			
14	Environment Awareness Of Site Persons			
15	Drinking Water & Other Facility			
16	HSE Awareness Of Site People			
17	Emergency/ Mock Drill Schedule And Implementation			
18	Toolbox Talk System			
19	Training On HSE And Specified Training For Workmen			
20	General Conditions			
Observation:				
SITE INCHARGE:		HSE OFFICER:		
SIGNATURE:		SINGANATURE:		

VEHICLE INSPECTION CHECK LIST-1



ROYAL MAJAN PROJECTS LLC - HSE PLAN

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PROJECT/ SITE NAME:				
DATE:			TIME:	
VEHICLE MAKE:		VEHICLE NO:		
S.N O	DESCRIPTION	COMPLIANCE		
		OBSERVATIO N	SAFE	UN SAFE
TYRES:				
01	Alignment/ condition of tyre			
02	Pressure & Pressure marking			
02	Spare wheel availability			
GLASS & MIRRORS:				
01	Wind screen/ back glass			
02	Rear view mirror/ Side view mirror			
03	Window panes			
Dashboard/Doors:				
01	Panel lights			
02	Speedometer/ Fuel indicator			
03	Speed limiter/ speed limiter alarm			
04	Front doors/ Rear door			
05	Wiper/ Washer working			
BREAKS & HORNS				
01	Brakes / Hand Brakes			
02	Horns / Reversing horns			
LIGHTS:				
01	HEAD LIGHTS/ High beam/ Low beam			
02	Reverse lights/ brake Lights			
03	Signal indicators / Parking lights			
04	Cabin lights/ Air conditioner			
FIT : Y / N UNFIT : Y / N		REMARKS:		
INSPECTED BY:		SIGNATURE:		
DRIVER:		SIGNATURE:		

VEHICLE CHECK LIST-2

PROJECT/ SITE NAME:



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DATE:		TIME:			
VEHICLE MAKE:		VEHICLE NO:			
S.NO	DESCRIPTION	OBSERVATION	COMPLIANCE		
			SAFE	UN SAFE	N/A
1	Engine oil/ Water level in radiator				
2	First aid kit with minimum requirements				
3	Tools for wheel change				
4	Fire extinguisher				
5	Seat belts				
6	Vehicle documents				
7	Driver PPEs				
8	Water availability				
9	Seat condition				
10	Cabin cleaning				
FIT : Y / N UNFIT : Y / N		REMARKS:			
INSPECTED BY:		SIGNATURE:			
DRIVER:		SIGNATURE:			

FIRE EXTINGUISHER CHECK LIST



ROYAL MAJAN PROJECTS LLC - HSE PLAN

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SITE NAME:

S.NO	EXTINGUISHER TYPE	CAPACITY (KG)	EXTL.ID NO	PRESURE GUAGE	LOCK & PIN	HOSE & NOZZLE	NEXT SERVICE	FIT/ UNFIT	REMARKS
1									
2									
3									
4									
5									
6									
7									
8									

COMMENTS:

SITE INCHARGE:

HSE OFFICER:

SIGNATURE:

SIGNATURE:



Lifting Operation Inspection Check List/Report



ROYAL MAJAN PROJECTS LLC - HSE PLAN

Document No. RMP-HSE-001-

REVIEW :2/2024

Contractor/ Supplier name:	Project name:
Site:	Date:
Inspection Team:	Type of Load:

No.	Item	Yes /No	Attach photo as applicable	Corrective action	Action party	Target
1	Are the people involved with lifting aware of the hazards and do they fully understand the lifting procedures applicable to the lift?					
2	Have the people involved attended the toolbox talk?					
3	Is the lifting equipment in good condition, being maintained, inspected and tested? Is the inspection sticker available on the lifting equipment? Is SWL(safe working load) shown in the equipment Are the lifting accessories e.g. Wire rope sling & belt in good condition & tagged with SWL IS a valid inspection certificate with date available?					
4	Is all safety devices e.g. alarms on the lifting equipment working?					
5	Are the Operator / Driver competent? Has the required ROP license?					
6	Do people involve now the person in charge of the lift?					
7	Is the lift plan with JSP (Job Safety Plan) available? People involved are aware of hazards and safety controls?					
8	Are the surrounding environments / Ground conditions being checked?					
9	Is the lift area being controlled? Is the lifted load being well secured / tied against falls?					
10	Is banks man / rigger appointed to control load from swinging?					



ROYAL MAJAN PROJECTS LLC - HSE PLAN

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11	Other concern please specify...					
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Note: Once inspection is done, please send the report to action parties, line manager, HSSE team and log in INTELEX



Contractors pre Start audit check list

This Audit should be done before contractor physically starts his work after being a awarded a contract

Contractor name:	Project:
Auditing team:	Dates:



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Item	Yes/No	Corrective action	Target date	Status open
Does the contractor have approved HSE plan? Check his plan				
Does he have competent people, trained in basic HSE courses, safety induction, first aid, emergency response, ESRs(as applicable) Check training Records				
Has his electricians/ engineers who will need to receive safety documents e.g. EPTW, LOA being licensed as CEP? Check license cards				
Are the required PPE provided including electrical gloves as applicable? Check them				
Does he have sound healthy vehicles? Does he have maintenance program? Check the vehicles/ maintenance program				
Are his drivers being trained in DD? Do they know how to inspect the vehicle? Check them				
Are the heavy equipment e.g. Crane, HIAB, FORKLIFT deployed safety sounds, being inspected, has the inspection stickers? Check them				
Are the heavy equipment operators having the required license? Are they trained in lifting operation? Check them				
Are tools provided in a good condition and insulated? Check them				
Is the Earthing e.g. Potable earth and other electrical devices e.g. voltage tester (if applicable) of a good industrial standards? Check them				
Is the camp/office as per OSH standards?				



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Check them				
Are fire extinguishers/ first aid boxes provided? Check them				
Does the contractors have a full time HSE officer in case if is organization has 50 people and above? Check them				
IN case contractor has less than 50 people, check who is the HSE focal point?				
Does the contractors has incident reporting system(should be indicted in HSE plan) Check it				

I hereby confirm that the above contractor has met all the HSSE requirements and can commence his work.

Name of contract holder, and signature

Date:

Circulation: Action party, Line manager, HSSE team

Please register this report in the INTELEX and ensure the actions are closed out



17.0

APPENDIX – II PROJECT SCOPE



17.1. PROJECT SCOPE

This present plan contains accident prevention measures and safety program to be followed and implemented by “RMP” Employees and its Subcontractors active in the “EXTENSION & REINFORCEMENT ELECTRICAL WORKS (11 KV <) BASED ON NEDC” project.

The prior scope of this action plan is to prevent any material or body damage to the client’s or contractor’s employees or property. Any subcontractor, who enters a binding contractual relationship with “RMP”, agrees to adhere to the rules indicated within the action plan, in addition to those stated on the laws and legislations of the host country in effect.

17.2.SCOPE OF WORK:

- ❖ LAYING OF UNDERGROUND CABLES
- ❖ OVERHEAD LINE WORKS
- ❖ ERECTION OF MINI FEEDER PILLARS AND FP
- ❖ INSTALLATION OF TRANSFORMER
- ❖ INSTALATION OF RMU
- ❖ ERECTION OF CUTOOUT BOXES
- ❖ EARTING WORKS
- ❖ TRENCHING FOR UNDER GROUND CABLES
- ❖ PIT EXCAVATION FOR POLES
- ❖ ASPHALT ROAD CUTTING & RELAYING WORKS
- ❖ CABLE TERMINATION WORKS
- ❖ THRUST BORING WORKS
- ❖ CONCRETE WORKS FOR DUCTS
- ❖ SUBSTATION CONSTRUCTION WORKS
- ❖ OVERHEAD LINE STRINGING WORKS

17.3.REFERENCE

- a) ISO 14001:2004 : Environmental Management System Requirements
- b) OHSAS 18001:2007 : Occupational health and safety Management System Requirements
- c) NEDC-HSE-PN-01 : Contractor HSE Requirements for Extension Projects.



18.0

APPENDIX – III COMPANY PERMITS



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18.1. Legal Permits:

Before starting of work, we need to get, concern authority approvals from Municipalities, Environment Department (Beah), Heritage Department, Agriculture Department, ROP and others.

18.2. DCRP – 'C' License Certificate:

شهادة تسجيل الأعمال الكهربائية Electrical works Registration Certificate		Effective Date of Registration: 30/05/2023 Registration No AC052/2023	
 مجلس مراجعة قواعد التوزيع DISTRIBUTION CODE REVIEW PANEL			
We certify that that Royal Majan Projects L.L.C , P.O. Box. 328 P.C. 516 C.R. 1024464 has been registered with this panel for the following category/categories:		نشهد بـأن مشـارعـيـمـجـانـالـمـلكـيـة ش.م.م، ص.ب 328 ر.ب. 516، السجل التجاري 1024464 قد تم تسجيلها لدى المجلس في الدرجة/الدرجات التالية:	
C: Work on 11kV O/H lines and U/G cables and construction of 11/0.415 kV substations, 11 KV in door termination Work.	D: Work on 415V L.T. lines extensions and building services and Wiring of Buildings having more than two floors.	E: Wiring of Building having two floors or less.	ج: أعمال تمديد الخطوط الهوائية و الكابلات الأرضية جهد 11 ك.ف. و إنشاء المحطات جهد 0.415/11 ك.ف. توصيل النهايات الداخلية لجهد 11 ك.ف. د: أعمال تمديد خطوط التوزيع و خدمات المباني للجهد 415 ف وأعمال التوصيلات الكهربائية للمباني ذات أكثر من طابقين. هـ: أعمال التوصيلات الكهربائية للمباني ذات الطابقين كحد أقصى.
Expiry Date: 29/05/2026	 رئيس مجلس مراجعة قواعد التوزيع Chairman of Distribution Code Review Panel		تاريخ إنتهاء الشهادة: 2026/05/29
Notes:	ملاحظات:		
<ul style="list-style-type: none">Application shall be submitted for renewal purpose six months before expiry date.DCRP must be informed immediately for any changes in technical staff of the organization.Registration on higher category covers the work of lower category/ categories.The renewed certificate is issued according to the first issued date.	<ul style="list-style-type: none">يجب أن يتم تقديم طلب التجديد قبل ستة أشهر من تاريخ إنتهاء الشهادة.يجب إخطار مجلس مراجعة قواعد التوزيع بأي تعديل يتم في العمالة الفنية في المؤسسة فوراً.التسجيل في الدرجة الأعلى يشمل أعمال الدرجة / الدرجات الأقل.تمنح شهادة التجديد بناء على تاريخ التسجيل الأول.		
The Panel Establishment Pursuant to Article (90) of Royal Decree 78 /2004		أنشئ المجلس طبقاً للمادة ٩٠ من المرسوم السلطاني رقم ٢٠٠٤/٧٨	



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18.3. Municipality License :



شهادة ترخيص الأنشطة الاقتصادية
Economic Activities License Certificate

Commercial Registration Information

بيانات السجل التجاري

Commercial Reg. Name	مشاريع مجان الملكية	اسم السجل التجاري
Commercial Reg. Number	1024464	رقم السجل التجاري
Legal Type	شركة محدودة المسؤولية Limited Liability Company	الشكل القانوني

License Information

بيانات الترخيص

License Number	L1374022	رقم الترخيص
License Name	أعمال البناء والمقاولات (البلديات) Construction and Contracting Business (Municipalities)	اسم الترخيص
License Issued by	وزارة التجارة والصناعة وترويج الاستثمار - التراخيص التجارية Ministry of Commerce Industry and Investment Promotion - Commercial License	جهة إصدار الترخيص
License Issuing Date	04/12/2023	تاريخ إصدار الترخيص
Validity Period (Months)	24	فترة الصلاحية(بالشهور)
License Expiration Date	05/12/2025	تاريخ انتهاء الترخيص
License Status	Active نشط	حالة الترخيص
License Approvers	وزارة التجارة والصناعة وترويج الاستثمار - التراخيص التجارية Ministry of Commerce Industry and Investment Promotion - Commercial License وزارة الداخلية Ministry of Interior	الجهات المعتمدة للترخيص

أملة السجل التجاري

04/12/2023



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18.4. Membership Certificate:

OMAN CHAMBER OF
COMMERCE & INDUSTRY



مجلس تجارة وصناعة عمان

شهادة انتساب Membership Certificate

Oman Chamber of Commerce Industry hereby certifies that the		تشهد غرفة تجارة وصناعة عمان بأن مشاريع مجان الملكية ش م م	
CR No	1024464	١٠٢٤٤٦٤	رقم السجل
Registered in the grade	First	الاولى	سجلت بالفتنة
OCCI No	138	١٣٨	رقم الغرفة
Date of issue	07/08/2023	٠٧/٠٨/٢٠٢٣	تاريخ الإصدار
Date of expiry	08/08/2025	٠٨/٠٨/٢٠٢٥	تاريخ الانتهاء
Head Office	Al Dhahirah Governorate	محافظة الظاهرة	المقر الرئيسي



التوقيع

- In case the annual subscription charges are not paid,
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إذا لم يمدد رسوم الاشتراك تعتبر عضويتكم بالغرفة لائبة -

www.chamberoman.om Email: enquiry@chamberoman.com Tel: 24763813 Fax:
24708497



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18.5. Tender Board Certificate:

 خدمة اسناد للمناقصات الإلكترونية	شهادة تسجيل الأمانة العامة لمجلس المناقصات The General Secretariat Registration Certificate	 سلطنة عمان Sultanate of Oman
Registration Number:00001541	رقم التسجيل: 00001541	
CR Number: 1024464	رقم السجل التجاري: 1024464	
Company Name: ROYAL MAJAN PROJECTS LLC	إسم الشركة: مشاريع مجان الملكية ش م م	
Company Type: Local	نوع الشركة: محلية	
Head Quarter: Governorate: Al Dhahira , Wilayat: Ibri	المركز الرئيسي: المحافظة: محافظة الظاهرة, الولايات: ولاية عبري	
Total Registered Main Categories: 1	مجموع المجالات الرئيسية المسجلة: 1	
Details of Company's Classification	تفاصيل تصنيف الشركة	
Main Category: Electromechanical and Telecommunications Contracting and Maintenance	المجال الرئيسي: مقاومات الكهروميكانيكية والإتصالات والصيانة	
Expiry date: 05-03-2026	تاريخ الإنتهاء: 2026-03-05	
- Power Distribution Networks	- شبكات توزيع الطاقة	
Grade: First	الدرجة: الأولى	
Note:	ملاحظات:	
<p>*This is a digital certificate issued by the The General Secretariat of Tender Board as specified under The Electronic Transaction Law of the Sultanate of Oman issued by the Royal Decree (69/2008).</p>	<p>*تصدر هذه الشهادة إلكترونياً من الأمانة العامة لمجلس المناقصات وفقاً لما ينظمه قانون المعاملات الإلكترونية لسلطنة عمان الصادر بالمرسوم السلطاني رقم (69/2008).</p>	
<p>*This company/ establishment/ consultancy office has been classified and registered as per Tender Law.</p>	<p>*تم تصنيف و تسجيل الشركة المؤسسة المكتب الاستشاري وفقاً لأحكام قانون المناقصات.</p>	
<p>*To renew the registration, you are required to apply with the supporting documents, thirty (30) days prior to the expiry date.</p>	<p>*يقدم طلب التجديد لشهادة التسجيل مكتملاً قبل 30 يوم من تاريخ انتهاء التسجيل الحالي.</p>	
<p>*The validity of this certificate must be according to the validity of commercial registration issued by Ministry of Commerce and Industry and Investment promotion.</p>	<p>*سريان هذه الشهادة يعتمد على مدة سريان السجل التجاري الصادر من وزارة التجارة والصناعة وترويج الإستثمار.</p>	
Page (1) of (2) -06-Mar-2024, 12:28 PM https://etendering.tenderboard.gov.om	 	



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18.5. Commercial Registration:



شهادة السجل التجاري Commercial Registration Certificate

CR Number	1024464	رقم السجل التجاري	1024464
Commercial Name		الاسم التجاري	مشاريع مجان الملكية ش م م
Legal Type	Limited Liability Company (Subject of Foreign Investment Law)	الشكل القانوني	شركة محدودة المسؤولية (خاضعة لقانون الاستثمار الاجنبي)
Head Q	Ibri / Ibri / Al Dhahirah Governorate	المركز الرئيسي	عبري / عبري / محافظة الظاهرة
P.O.Box:	328	ص.ب:	328
Postal Code:	516	رمز بريدي:	516
Telephone:	968 99256926	هاتف:	968 99256926
Email:	royalmajanllc@gmail.com	البريد الإلكتروني:	royalmajanllc@gmail.com
Establishment Date:	08/08/2007	تاريخ التأسيس:	08/08/2007
Registration Date:	08/08/2007	تاريخ التسجيل التجاري	08/08/2007
Expiry Date:	07/08/2025	تاريخ انتهاء السجل التجاري:	07/08/2025
Fiscal Year End:	31/12	تاريخ انتهاء السنة المالية:	12/31
Cash Capital:	150,000	رأس المال النقدي:	150,000
Kind Capital:	0	رأس المال العيني:	0
Total Capital (Omani Riyal):	150,000	رأس المال الكلي (بالريال العماني):	150,000
No. of Shares:	150000	عدد الأسهم:	150000
Share Value :	1.000	قيمة السهم:	1.000
Percentage of Foreign Investment:	70.00	نسبة الإستثمار الأجنبي:	70.00
Tax Registration Number:	84007	رقم التسجيل الضريبي:	84007

Registered Commercial Activities

الأنشطة التجارية المسجلة

The Commercial Registration is not considered as an approval or a warranty for a license of bringing in labour.

لا يعتبر هذا السجل التجاري موافقة أو ضمانا للحصول على ترخيص باستخدام قوى عاملة وافدة.

أمانة السجل التجاري



إعادة طباعة :

NIRMAL RAM

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Email: investeasyhelp@moci.gov.om: البريد الإلكتروني
Investors Service Department Website: www.investeasy.gov.om

موقع دائرة خدمات المستثمرين:

F: http://facebook.com/investeasy.oman, T: twitter.com/invest_easy, call center: 2481 7210 مركز الإتصال:



19.0

APPENDIX – IV LIST OF EMPLOYEES



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20.1. List Of Employees with Contact Number:

S.NO	NAME OF EMPLOYEE'S	DESIGNATION	CIVIL ID	CONTACT NO
1	NIRMAL RAM RAGHAVAN	General Manager	69559276	99256926
2	Ravikumar Balasubramanian	HSE Officer	91588932	98989485
3	Veerakesavan Veerarajan	Project Engineer	123567731	93212701
4	Ayyanar Nallamuthu	Project Engineer	108772163	93212731
5	Jebarathinam Ramaiah	Site Engineer		93212751
6	Balakrishnan Muthusamy	Foreman		93212721
7	Thirupathiraj Seenivasan	Cable Jointer		93212761
8	Mani Madasamy	Cable Jointer		93573891
9	Ayyadurai Thangaraj	Foreman		92384194
10	Murugan Muthusamy	Lineman		
11	Manikandan Shanmugam	Lineman	123620201	98989348
12	Vijayaraj Nallamuthu	Lineman		99314918
13	Raju Javvjee Mallaiah	Lineman		95327428
14	Muthukrishnan Ramakrishnan	Lineman		91981502
15	Ayyanar Narayanan	Lineman		
16	Prabakaran Shanmugamani	Lineman		
17	Gopalsamy Perumal	Lineman		
18	Muthuselvam Muthusamy	Lineman		
19	Ameera al abri	Engineer		
20	Nasser Rashid al Kalbani	PRO		99459611
21	Said Salim Amur al Alawi	Truck Driver		



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22	Said Mohammed Said al Hosni	Driver		
23	Said Salim Said al Kathri	Driver		
24	Mohamed marhoun al Farshi	Truck Driver		

20.0

APPENDIX – V LIST OF EQUIPMENT



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21.1. List Of Equipment:

S	Description	Details	QT Y	Hired/ Owned	
1	Truck With Mounted Crane	25 Ton Fuso Truck Chassis with HIAB CRANE	2	Owned	
2	Truck With Mounted Crane	10 Ton Mitsubishi Truck with Ferrari Crane	1	Owned	
3	3 Ton Truck without Mounted Crane	Without Crane	4	Owned	
4	Pick Up	Hilux For All Site Engineers 4 X 4	3	Owned	
5	Excavators	JCB	3	Owned	



21.0

APPENDIX – VI MONTHLY HSE REPORT



22.0

APPENDIX – VII MEDICAL FITNESS OF STAFFS

RE: Request for the approval of HSE Plan of Royal Majan Projects

Marwan Awadh AlYaqoubi <Marwan.Alyaqoubi@distribution.nama.om>

Tue 07/05/2024 07:06

To:ravihse.rmpl <ravihse.rmpl@gmail.com>

Cc:Nirmal Ram <nirmal_ram@outlook.com>; ayyanar nallamuthu <ayyanar.nallamuthu@gmail.com>; Abdullah Musabah Al Fazari <Abdullah.MusabahAlFazari@distribution.nama.om>; Mubarak Hassan AlBaloush <Mubarak.AlBaloush@distribution.nama.om>; Khalifa Mohammed Ahmed Al Shehhi <Khalifa.MohammedAlShehhi@distribution.nama.om>; Saleh Mohammed Saleh Al Shehhi <Saleh.MohammedAlShehhi@distribution.nama.om>

Dear

Your plan is approved.

With thanks

MARWAN AWADH ALYAQOUBI
EMERGENCY AND MAINTENANCE
CONTRACTS SUPERVISOR



Nama Electricity Distribution
PO Box 1721, PC 111, Airport Heights,
Sultanate of Oman
Tel: 25688879 | Fax: 2644222

Marwan.Alyaqoubi@distribution.nama.om
www.nama.om



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**Please consider the environment before printing this email.*

From: Ravi Hse <ravihse.rmpl@gmail.com>

Sent: Monday, May 6, 2024 11:01 AM

To: Marwan Awadh AlYaqoubi <Marwan.Alyaqoubi@distribution.nama.om>

Cc: Nirmal Ram <nirmal_ram@outlook.com>; ayyanar nallamuthu <ayyanar.nallamuthu@gmail.com>

Subject: Fwd: Request for the approval of HSE Plan of Royal Majan Projects

Dear Sir,

This is gentle reminder and request to apprise and approve our hse plan

REMINDER

Thanking you,

with Regards,

Ravikumar B

Hse Advisor

Royal Majan Projects Ilc

GSM : 00968-98989485, 97407607

----- Forwarded message -----

From: **Ravi Hse** <ravihse.rmpl@gmail.com>

Date: Sat, 13 Apr 2024 at 13:36

Subject: Re: Request for the approval of HSE Plan of Royal Majan Projects

To: Marwan Awadh AlYaqoubi <Marwan.Alyaqoubi@distribution.nama.om>

Cc: Nirmal Ram <nirmal_ram@outlook.com>, Abdullah Musabah Al Fazari

<Abdullah.MusabahAlFazari@distribution.nama.om>, ayyanar nallamuthu

<ayyanar.nallamuthu@gmail.com>