CLEANALL ENVIRONMENTAL SERVICE LIMITED



CASHES POLICY & MANUAL

COMMUNITY AFFAIRS, SAFETY, HEALTH, ENVIRONMENTAL & SECURITY POLICY & MANUAL

PAGES

1	INTRODUCTION
2	STATEMENT OF POLICY (SAFETY)
3	SAFE OPERATING PROCEDURES
4	EMERGENCY RESPONSE PROCEDURES
5	BASIC SAFETY RULES
6	ACCIDENT REPORTING PROCEDURES
7	EMPLOYEE ORIENTATION PROGRAM
8	WORK SITE SAFETY INSPECTION
9	SAFETY TRAINING PROGRAM
10	SAFETY MEETING PROGRAM
11	SAFETY AWARENESS PROGRAM
12	EXCAVATIONS
13	PERMIT TO WORK
14	SCAFFOLDING PROCEDURE
15	GOOD HOUSE KEEPING
16	USE OF PERSONAL PROTECTIVE FOILIPMENT

CLEANALL ENVIRONMENTAL SERVICES LIMITED SAFETY POLICY STATEMENT

The management of **CLEANALL ENVIRONMENTAL SERVICES LTD.** shall ensure the safety of its employees and the public by ensuring that our operations are based on sound technological background, environmentally-friendly and will ensure sustainable development. Our mission is to be a socially-responsible organization rendering value-added service to our clients and in our resolve to achieve this mission we shall keep a motivated workforce.

The board of directors of this company **CLEANALL ENVIRONMENTAL SERVICES LTD.** regards the promotion of health and safe measures as a mutual objective for management and employees at all levels.

It is therefore this company's policy to do all that is reasonable to prevent personal injury and damage to property and to protect everyone from the foreseeable work hazards including the public in so far as they come in contact with the company it's products and services.

In particular this company has a responsibility:

- To provide and maintain safe and healthy working environment and conditions, taking account of any statutory requirement of our client and the national regulatory agencies.
- To provide training and instruction to enable employees to perform their job safely and efficiently.
- To make available all necessary safety devices and protective equipment and to supervise their use.
- To maintain a constant and continuing interest in health and safety matters application to the company's activities, in particular by consulting and involving employees and clients where ever possible.

Employees have a duty to cooperate in the operation of this policy:

- by working safely and efficiently.
- by using protective equipment provided, and by meeting statutory obligations.
- by reporting accidents/incident that have led or may lead to injury or damage.
- by adhering to company procedures, jointly agreed on their behalf, for securing a safe workplace.

- by assisting in the investigation of accidents with the objective of introducing measures to prevent a recurrence.

INTRODUCTION, PRINCIPLES AND SCOPE

Most human activities carry special risk which could result in personal injury and property damage. It is an axiom of accident preventing that all accidents have causes and a further act of faith that the great majority of them are preventable.

This manual sets out the responsibilities involved in implementing safety programmes on the worksite. It also presents records and procedures for identifying causes of accidents and reporting systems that are to be maintained on the projects with the understanding that accidents do not suddenly happen; they are caused by unsafe acts or unsafe condition.

PRINCIPLES:

- A job is well done only when it is carried out safely.
- All accidents and injuries can be prevented.
- Safety must never be sacrificed for the sake of expediency
- Safety is equal to production and drilling in importance
- Achieving Safe operations is a number one priority.
- Safety is everybody's business.

SCOPE

This document shall be used as a baseline for implementing and enforcement of the Company's projects and shall be amended, where necessary, as new standards are adopted and when the client's safety specifications exceed the company's policy. Our company will always contact the Supervising/Unit and Loss Prevention for guidance if in doubt of any safety or environmental procedures.

SAFE OPERATING PROCEDURES:

Our responsibilities include:

- 1. Implementation of safe programmes approved by the Client's Lass Prevention Department.
- 2. Managing day to day safety activities
- 3. Investigating and reporting all incidents/accidents
- 4. Preparing, distributing and monitoring tool box meetings
- 5. Arrangement and supervision of good house keeping.
- 6. Preparation of information and statistics concerning safety performance.
- 7. Preparation and conducting safety training
- 8. Organizing safety meeting for the supervisors/foremen.

DUTIES AND RESPONSIBILITIES OF SUPERVISORS:

Supervisors are responsible for the safety of the work force under their control. That is to say that they will ensure that all safety regulations are complied with and enforced within the groups of employees they supervise.

Their duties and responsibilities also include:

- 1. Ensuring that safety regulations, including that of the clients, are strictly maintained.
- 2. Disciplining defaulters of safety rules and regulations.
- 3. Ensuring that tool box meetings are held daily.
- 4. Conducting accident investigation to reveal root causes.
- 5. Ensuring that personal protective equipment is utilized fully,

NEAR MISS

Any situation in which art ongoing sequence of events is terminated for further development of potentially serious (safety related) consequences is called a nearmiss. The purpose of collecting and analyzing nearmiss related information are:

- 1. To gain a qualitative insight into how (small) failure or errors develop into accidents and sometimes fatality.
- 2. To arrive at a statistically reliable fact into the factors giving rise to unexpected incidents.
- 3. To maintain a high level of alertness to dangerous situations
- 4. For persons experiencing a nearmiss to report same to the supervisor or any Safety Personnel for timely correction.

LOSS PREVENTION CHECKS:

Loss Prevention emphasizes the identification of hazards at different stages of the project believing same for incident prevention.

It embodies Chemical Screening, Radiation Studies, and Plant Safety Audit which are characterized by:

- 1. A concern for insight into technology associated with major hazards.
- 2. Emphasis on the management support for safety.
- 3. A reliable system rather than a trial and error approach.
- 4. A concern to avoid loss of containment resulting in major fire incident, explosion of toxic release.
- 5. The principles of risk analysis and hazard identification.
- 6. The principles of independence in critical assessments and inspections.
- 7. A critique of traditional practices of existing codes, standards and regulations where these appears outdated or obsolete.

EMERGENCY TELEPHONE CONTACTS:

1	Fire Station	-	(QIT)	-	399913271
2.	Fire Service	-	(Eket)	-	3899
3.	Fire Clinic	-	(QIT)	-	3212
4.	Medical Clinic	_	(Eket)	-	3895

5. Oil Spill Crew - (QIT) - 3453/3386

6. Fire Station Airstrip 4222 7. Fire Station 4621 **BRT** 8. **Emergency Number BRT** 4777 9. Medical Clinic BRT 4580

EMERGENCY RESPONSE PROCEDURES:

In reporting injury of fire, call either on Telephone or radio giving details of the emergency and exact location. Remain available to direct ambulance or fire crew to the required location. Stated above are MPNU telephone numbers to be contacted during emergency.

In case of fire emergency, contact loss Prevention Department on Extn. 327113999 (QIT).

In case of accidents or injury, contact QIT Medial Centre on **3212 or Eket Clinic** on **3895**.

Radio communication is established on the job with first aider and supervisor staff.

INCIDENT RATE

Incident Rate uses likehood estimation models for selected incident and estimates frequencies. They are based on certain milestones (200,000 Man hours).

LTI (Loss Time Incident) Injury that would not permit the victim to report

for work within 24 hours after the incident.

FR (Frequency Rate) Nos. of LTI x 200,000

Man-hours workers

IR (Incident Rate) Nos. of accidents per year x 200,000

Average number of workers at risk during the

period

Severity: Nos. of days lost from work x 200,000

Man hours worked

BASIC SAFETY RULES:

The following rules and safe work practice are to be observed:

- 1. Anybody with physical handicap such as poor heart condition, hernia, loss of hearing, should not be permitted to work on site.
- 2. Each employee must know his/her job before performing them
- 3. All the workers must be acquainted with the location emergency procedures.
- 4. Tools must not be kept where they may fall or injure others.
- 5. Workers must make good use of the sanitary facilities provided on the job site at all times.
- 6. Workers must not wear jewelry on the job.
- 7. The use of compressed air to blow out dirt/dust from the body must be strictly prohibited.
- 8. Short cut to jobs execution shall not be allowed it is accepted by client representative.
- 9. Drunkenness, horse play or fighting attract immediate dismissal.
- 10. All warning signs and signals must be observed.
- 11. Appropriate PPE must be worn at work site.

ACCIDENT REPORTING PROCEDURES:

In considering accidents as an unpleasant event which has the potential of causing injury to personnel and damage to property, it is pertinent to study, recommend and maintain standards at preventing accidents from occurring.

Most modern methods of preventing accidents depend on careful investigation and proper corrective measures.

In reporting accidents:

1. Go to the scene of the accident as soon as possible

- 2. Talk with the injured if possible with witnesses. (Don't apportion blames, but get the facts).
- 3. Listen to the conversation of the people around you.
- 4. Encourage people to give their ideas on the incident.
- 5. Study the causes (unsafe acts or unsafe conditions).
- 6. Confer or meet with the location management about possible solutions.
- 7. Follow-up to make sure unsafe conditions are corrected.
- 8. Public corrective measure taken.
- 9. Note that some accidents involve both unsafe acts and unsafe conditions. Do not blame any body for any accident.

Loss Prevention. Department will participate in every accident investigation.

FIRE PROTECTION:

There are basically three classes for fire (Class A,B,C) in homes and industries. Familiarization with emergency procedures applicable to fire occurrence is a requirement for all workers.

FIRST AID AND MEDICAL

- 1. A medical clinic for prompt medical attention, in case of any serious injury, shall be provided at the locality.
- 2. Qualified medical attendants shall be available for advice and consultation on matters of occupational injury.
- 3. A certified first aider shall be available at site to offer first aid treatment before calling on a doctor on serious and minor cases.
- 4. A first aid room shall be identified by a first aid sign.
- 5. Approved first aid drugs shall be stored in an identified box.
- 6. Transport shall be made available for injured employee to Hospital
- 7. Telephone numbers of Physicians, Hospital and Ambulances shall be consciously posted.

- 8. The company Safety Officer shall develop and distribute written information relating to medical treatment and emergency evacuation procedures for site project.
- 9. Accident report shall be made available to Mobil Producing Nigeria Unlimited as required by MPNU Loss Prevention Procedure Manual.

EMPLOYEE ORIENTATION PROGRAMME:

Each new employee shall receive an introductory briefing and safety orientation before proceeding for operations. The Safety Personnel or the Supervisor will always meet with new employees prior to their commencement of work.

In practice, a one day safety briefing and safety orientation will be given to all new employees. Highlights of such briefing will include the following:

- Scope and size of the job
- Responsibility of employer-employee in safety.
- Safety Programmes
- Personal Protective Equipment (PPE)
- Specific Project Rules and Regulations
- Procedures for reporting unsafe acts or conditions.
- Procedures for reporting near misses.
- Handling of toxic and other hazardous substances.
- Fire Prevention and Fire Fighting.
- Scaffolds and ladders.
- Emergency Procedure.
- Entry into confined spaces.

At the end, the orientation form will be filled, signed and returned for filing.

SAFE INSPECTION PROGRAMME:

Safety inspection is an important measure applied by the Company to curb unsafe practices generally observed among workers at work site.

Wear and tear are unavoidable conditions for mechanical changes which may result in environmental hazards e.g. Spillage, Electrocution, etc.

Periodic inspection of operations and operators including operational areas enhance the following:

- Identification of causes of accidents.
- Self confidence during operations.
- Mechanical conditions.
- Work Permit Compliance
- Advise on work procedures.
- Supervising for safety.

OFFSHORE REQUIREMENTS:

Daily operations offshore involve men and materials. Possible means of transport to and from offshore locations are boats and helicopters.

Personnel travelling offshore by either means must satisfy the following requirements:

- Must have basic fire fighting experience.
 Must undergo water survival/swimming training.
- 2. Must not be drunk and must observe "No Smoking" regulations.
- 3 Must not carry fire arms with him.
- 4 Must wear life jackets and ear muffs.
- 5 Must put on safety belts while travelling in helicopters.
- 6. Must not inflate the life jacket insider the air craft.
- 7. Must attend comprehensive medical check-up every 24 months.
- 8. Must not be a proven case of epilepsy or asthma or other ailments as per Doctor's recommendation.

SAFETY TRAINING PROGRAMME:

A proper training programme shall be conducted to analyze the intricacies of the job and possible hazards involved. During the training, efforts shall made to identify psychological factors that may hinder effective operations and monitoring of trainees for compliance and implementation.

Safety training is an integral part of safety operations. The aim is to equip all personnel with skills and ideas required to perform most successfully.

Safely Training shall include:

- 1. Safety Orientation.
- 2. Specific training based on job at hand.
- 3. Basic First Aid.
- 4. Basic fire Fighting and prevention.

- 5. Health and Safety Training.
- 6. Construction Safety.
- 7. Emergency Response.
- 8. Helicopter Ditching/Water Survival/Training.
- 9. Defensive Driving.
- 10. Other relevant training and courses as required.

All training shall be recorded and outlines of the following shall be maintained.

- 1. Training Objective
- 2. Course Involved
- 3. Attendees
- 4. Instructor
- 5. Date
- 6. Duration (house/days)
- 7. Venue

SAFETY MEETING PROGRAMME:

A successful safety meeting should be everyone's concern. The Supervisor's Safety Meeting is the focal point for Setting Standards, Establishing Safety Policies, Solving Problems, initiation of new safety plans and accountability.

Each worker is of great value to both management and workforce. Other meetings are tool box meeting, pep-talks, Weekly Review Meeting for effective performance.

During projects, safety meetings shall be conducted by Supervisors or Safety Personnel at their respective units. Issues like the current safety problems and their possible solutions, new rules and regulations can be outlined and implemented as necessary.

SAFETY AWARENESS PROGRAMME:

Each employee is part of a work team whose aim is to execute each project

SAFELY AND EFFICIENTLY

The experts in Safety Management designs posters and slogans in an effort to create safety consciousness among the works.

Slogans like "SAFETY RIGHT FROM THE START:, "HARD AREA", "WEAR "SAFETY SHOES" etc. are sensitive messages that keep the workers alert.

Analysis of the type of accident associated with a particular job will also reveal specific hazards that are likely to be encountered. Such awareness and others prevent accidents and consequently promote safety at work site.

The programmes listed below contribute in various degrees to the development and promotion of safety awareness in the company.

- * Orientation of all staff (new employees)
- * Tool-box-safety meeting
- * Safety review meeting.

RISK MANAGEMENT AND CONTROLS:

Risk Management is a term applied to the whole process of risk estimation, evaluation, reduction and control. We consider risk management in phases, each incorporating a potential number of actions, with respect to the project involved.

The purpose of risk management include:

- 1. To control and reduce risks to the barest minimum or acceptable levels.
- 2. To reduce uncertainties in risk involved in the task.
- 3. To increase the public confidence in risk related job under control.

SECURITY:

Most Company's interest is in maximizing profits. Such Company's policies conflict with the security goals are target for property. Our priority is the safety and security of our personnel and equipment.

These include:

- 1. Identification of personnel and property.
- 2. Insuring personnel life and material.

- 3. Taking care of tools, material and equipment.
- 4. Identifying and maintaining
- 5. Allowing only authorised personnel entry to storage and material warehouse.

EXCAVATION:

The following rules and regulations are to be adhered to when excavating:

- 1. No excavation shall be started without first obtaining an excavation permit.
- 2. All instructions, safety rules and regulations as stated on the work permit must be strictly observed.
- 3. An excavation is considered a confined space operation if deeper than beyond 4ft deep
- 4. All excavations must have barricades clearly marked CAUTION
- 5. Deep excavations must be slopped to and with supports avoid cave in.

PERMIT - TO - WORK:

It is the duty of the safe representative to ensure that work pearl is obtained before the commencement of any job. He is to ensure that all rules and regulations stipulated on the job permit are strictly adhered to. The work permit includes the hot work permit, excavation permit, entry permit, or cold work permit. The work permit has to be renewed after lunch break or if job was stopped for any reason for over two (2) hours.

CUTTING AND WELDING OPERATION

These have a high potential for personnel injuries and fires. Therefore the following safe work practices shall be adhered to:

- 1. Obtain a hot work permit before cutting or welding.
- 2 Inspect work area to ensure that there is are no combustible materials.
- 3 Place fire extinguisher in work location
- 4 o not cut or weld on any container that may have contained combustible materials.
- 5 round the frames of all welding machines.

- 6 Remove gauges and torches from clingers at the end of the work day.
- Wear face or eye protection against flying objects.
- 8 Oxygen and Acetylene valves must be protected with caps.

SCAFFOLDS:

- 1. Each scaffold must be inspected and approved by responsible personnel before use.
- 2. All planks must be tied on with a strong marine rope or nailed down firmly to a wooden support.
- 3 Erect scaffold on a solid ground, base plates and mud sills shall be provided to give a level bearing.
- 4 Ensure that the sections of the scaffold are clamped or pinned to its supports
- 6. Put warning signs where scaffolds are being erected on the road or walkways.

LADDERS:

- 1. Operation ladders shall be constructed to conform with safety regulations.
- 2. Straight ladders must be tied off at the top or be held in place by somebody at the foot.
- 3. Ladders for climbing to a roof or platform must extend at least 3 feet above the landing level.
- 4. Do not carry materials or tools up a ladder. Use a hand sling.
- 5. Open fully the step ladders in order to permit the spreader to lock.
- 6. Use only wooden ladder for electrical jobs

7. Do not stand on the two steps of a step ladder.

HOUSE KEEPING:

Good house keeping is an important aspect of Accident Prevention and should be the concern of every employee. Poor housekeeping is one of the greatest causes of trips, slips and falls.

Other acts of good housekeeping include:

- 1. Placing all trash and scrap in appropriate containers
- 2. Removing scrap materials and rubbish which might constitute fire hazard mostly where cutting or welding operation is observed.
- 3. Returning tools and materials to their proper places.
- 4. Safety personnel close to the scene for timely evacuation.

The underlisted procedures shall be observed to prevent fire incident:

- 1. Fire extinguisher shall be placed in all work areas as required.
- 2. Workers will be trained on the use of fire extinguisher.
- 3. The use of naked fire, matches, cigarette lighter is prohibited on specifically, the job-sites.
- 4. All containers used for storage purposes must be gas free before any hot work.
- 5. Electric sockets must not be overloaded.
- 6. Use of fire blankets is recommended to contain sparks in prevalent areas, and afire watch will be required during hot work operations.

7. Inspect all fire extinguisher, and remove the defective one for repairs.

ENTRY INTO CONFINED SPACES:

Occasionally, certain jobs like inspection, cleaning, repairs etc. might require entry into confined spaces e.g. tanks, pits, chambers etc. Dust, fumes or gases may be present in the enclosed ends of the space. On the other hand, sufficient oxygen for a normal human life may be lacking.

Such conditions may subject workers to serious danger. To prevent hazards the following rules must be observed:

- 1. Entry into confined spaces must be authorized by designated person(s).
- 2. Tanks, Vessels, Boilers etc. must be tested gas-free and sufficiently ventilated before entry.
- 3. Sludge and other materials likely to emit dangerous fumes, gases or lack of oxygen are to be removed. Other sources of hazards are to be identified and isolated.
- 4. Approved breathing, respiratory and reviving apparatus must be provided and correctly used.
- 5. Additional information like "WARNING NO ENTRY" must be posted at a spaces not safe for normal human operations.
- 6. A minimum of two (2) persons are allowed to work.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Personal protective equipment is to minimize individual exposure to injury and other hazards: The company provides personal protective equipment to all her personnel and ensures that employees are fully protected while at work.

PROTECTIVE EQUIPMENT INCLUDE:

- 1. Hard hat for head protection
- 2. Face shield for welding and cutting.
- 3. Steel toe boots or shoes for foot protection.
- 4. Safe glasses for eyes protection.
- 5. Ear plugs or muffs to be worn in areas of high noise level above 85/BA for extended period.
- 6. Dust masks or chemical cartridges to be worn in areas where fumes, dust mists or vapours exists(s).

Improper clothing like loose sleeve coveralls, woolen hand gloves, ear rings, bushy hair, etc. are extremely dangerous when working near revolving machine parts.

TABLE OF CONTENTS

- A. COMMUNITY AFFAIRS, SAFETY, HEALTH, ENVIRONMENTAL AND SECURITY (CASHES) POLICY
- B. COMPANY PROCEDURES
- 1. ACCIDENT INVESTIGATION PROCEDURE
- 2. COMPANY SAFETY INSPECTIONS PROGRAMMES
- 3. COMPANY AUDIT PROGRAMME, AUDIT SCOPE AND FOLLOW-UP
- 4. ENVIRONMENTAL CONCERNS
- 5. COMPANY EMERGENCY PROCEDURE
- 6. TRANSPORT
- C. SAFETY RESPONSIBILITY
- 1. MANAGING DIRECTOR
- 2. GENERAL MANAGER
- 3. ADMIN/FINANCE OFFICER
- 4. OTHER SENIOR STAFF
- 5. OTHERS
- 6. SAFETY OFFICE
- 7. HSES MANAGEMENT COMMITTEE
- 8. GROUP HSES COMMITTEE
- D. GENERAL SAFETY INSTRUCTIONS
 SAFETY & FIRE PREVENTION RULES

- 1. SMOKING
- 2. MATCHES AND LIGHTERS
- 3. HOT- WORK A PERMIT IS REQUIRED
- 4. MAINTENANCE WORK WORK PERMIT REQUIRED
- 5. OPENING-CLOSING PROCESS VALVES, STARTING-STOPPING MACHINERY
- 6. TAGGING AND LOCKING OUT POWER SOURCES TO EQUIPMENT UNDER REPAIR
- 7. RELEASE OF HAZARDOUS MATERIALS
- 8. WORKING IN/ENTERING TANKS, VESSELS, ETC.
- 9. REPORTING ACCIDENT AND PERSONAL INJURIES
- 10. HORSEPLAY
- 11. WEARING APPAREL
- 12. SAFETY HATS
- 13. EYE PROTECTION
- 14. SAFETY SHOES
- 15. RESPIRATORY PROTECTION
- 16. OTHER PROTECTIVE CLOTHING AND EQUIPMENT
- 17. WORKING OVERHEAD
- 18. USE OF HAND TOOLS
- 19. HOISTING OPERATIONS AND EQUIPMENT
- 20. BARRICADES, GUARDS, WARNINGS, ETC.
- 21. LADDERS
- 22. SCAFFOLDS
- 23. ELECTRICAL EQUIPMENT
- 24. COMPRESSED GAS CYLINDERS
- 25. STORING AND PILLING EQUIPMENT
- 26. LIGHTING HEATERS
- 27. PERSONAL HYGIENE

- 28. POLLUTION
- 29. TRANSPORTATION OF PERSONNEL
 - (A) HELICOPTER
 - (B) CLIENTS' AIRCRAFT
 - (C) BOAT AND BOAT LANDINGS
- 30. FIRE FIGHTING EQUIPMENT
- 31. OFFSHORE PRODUCTION PLATFORMS
 - (A) EMERGENCY PROCEDURES AND ALARMS
 - (B) LIFE SAVING AND RESCUE EQUIPMENT
- 32. TERMINAL OPERATIONS
 - ...EMERGENCY PROCEDURES AND ALARMS
- 33. FIRST AID

INTRODUCTION

THE ISSUE OF SAFETY IN ALL ENDEAVOURS HAS ASSUMED GREATER PROMINENCE IN RECENT YEARS THE WORLD <u>OVER. IT</u> IS AN ESTABLISHED FACT THAT THE APPLICATION OK-STRICT SAFETY PROCEDURES AND PRACTICES IS THE ONLY PANACEA TO ACCIDENT FRAUGHT OPERATIONS.

UNSAFE ACTS IN ANY BUSINESS FREQUENTLY LEADS TO LOSS OF PROPERTY, INJURY TO STAFF, LOSS OF MAN-HOURS, RISK TO HEALTH OR DEATH.

OUR COMPANY IN REALISATION OF THE ABOVE DANGERS INITIATED, AND HAS CONTINUOUSLY UPHELD THE HIGHEST DEGREE OF COMMITMENT TO SAFE WORKING MEASURES BY STAFF AND OTHER PERSONS DEALING WITH US.

IT IS TO FURTHER STRENGTHEN ABOVE RESOLVE THAT MANAGEMENT DIRECTED ITS SAFETY POLICY AND MANUAL TO BE DOCUMENTED AND THAT THEY SHOULD ADDRESS ALL FUNDAMENTAL ISSUES CONCERNING THE COMPANY.

THIS DOCUMENT IS THEREFORE EXPECTED TO PROVIDE THE ADVOCACY THAT IS NEEDED TO INCULCATE SAFETY CONSCIOUSNESS IN ALL COMPANY STAFF AS THEY CARRY OUT THEIR INDIVIDUAL AND COLLECTIVE ASSIGNMENTS.

MANAGEMENT HOPES THAT THIS EFFORT AND ITS FULL UTILISATION WOULD YIELD EXPECTED RESULTS.

ACCIDENT INVESTIGATION PROCEDURE

- I. VISIT SCENE OF ACCIDENT IMMEDIATELY.
- 2. INTERVIEW AS MANY PEOPLE AS POSSIBLE RELATED TO THE ACCIDENT
- 3. INTERVIEW WITNESSES.
- 4. STUDY POSSIBLE CAUSES THE ACCIDENT.
- 5. ASK FOR OTHER PEOPLE'S OPINION ON THE CAUSE(S) AND REMEDY.
- 6. WRITE A REPORT IMMEDIATELY
- 7. CORRECT THE CONDITIONS AS MUCH AS POSSIBLE URGENTLY.
- 8. INFORM THE MANAGEMENT IMMEDIATELY AND FOLLOW UP FOR COMPANY CORRECTIONS OF THE CONDITIONS RESULTING IN ACCIDENT.

MANAGEMENT DIRECTOR

ACCIDENT RESPONSE PROCEDURES

WHERE THERE IS ANY ACCIDENT THE FOLLOWING STEPS SHOULD BE FOLLOWED STRICTLY:

- 1 SHOUT TO ALERT EVERYBODY AROUND
- 2 TRY AND PUT OFF THE CAUSE OF ACCIDENT IF SAFE AND POSSIBLE
- 3 REMOVE THE VICTIM IMMEDIATELY FROM SOURCE OF DANGER
- 4 APPLY FIRST AID IF THE INJUIRY IS MINOR
- 5 KEEP IN SAFE AND CONVENINET POSITION AND ELIMINATE CROWDING TO ENSURE GOOD VENTILATION
- 6 EVACUATE VICTIM TO RETAINED CLINIC FOR MEDICAL ATTENTION.
- 7 WRITE A REPORT
- 8 CORRECT CAUSE OF ACCIDENT.

MANAGING DIRECTOR

<u>CLEANALL ENVIRONMENTAL SERVICES LTD. SAFETY INSPECTIONS</u> <u>PROGRAMMES</u>

It is the responsibility of Company management to monitor the different areas and initiate inspections. Inspections should be carried out at quarterly

remedial being reviewed intervals, with actions by **CLEANALL** ENVIRONMENTAL SERVICES LTD. Safety Management and discussed at Company office staff Committee meetings. inspections should take the form of a Safety Check List covering the key points required to reduce hazards, and assist in maintaining a safe working environment. The areas covered by **CLEANALL ENVIRONMENTAL SERVICES LTD.** offices safety inspection includes:

Accident Statistics

Safety Procedures

Safe Working Practices

Equipment

Premises

Roles and Responsibilities

Statutory Requirement

Company Policy and

Clients

CLEANALL ENVIRONMENTAL SERVICES LTD. AUDIT PROGRAMME, AUDIT SCOPE AND FOLLOW-UP

CLEANALL ENVIRONMENTAL SERVICES LTD. safety management performance can be audited using the same techniques as applied for auditing other aspects of its business. Essentially, auditing is a verification of management control in a certain subject using a systematic sampling approach. The audit should identify weaknesses in relation to specific safety controls which many lead to unacceptable risks.

Occupational safety audit will identify strengths and weaknesses in areas such as:

- 1. Compliance with regulations and company safety policies.
- 2. The implementation of occupational safety/health programme to ensure adequate identification, evaluation and control of all safety/health matters.
- 3. Communication and training programmes on safety/health matters.
- 4. Medical treatment, first aid and emergency response.
- 5. Management and technical capabilities in the area of occupational safety/health.

ENYIRONMENAL CONCERNS

- i. For a healthy work place, proper house and sanitation standards of Company offices should be implemented on periodicity that will ensure clean work environment. In the offices everything should be placed at their right places.
- 2. At the close work all disposable materials (waste streams) should be disposed of at recommended disposal site.
- 3. Floors are to be kept clean and free from substance that constitute obstruction or posing slipping and falling hazards to workers.

It is believed that when these are observed Company operation will have zero impact on the environment.

CLEANALL ENVIRONMENTAL SERVICES LTD. EMERGENCY PROCEDURES

- 1. Every Cleanall employee should know where the available firefighting equipment is located and how to operate it.
- 2. All necessary measures must be taken to prevent fire. For instance, by obeying the "No Smoking" warning notices, repairs of faulty electric wires, etc.
- 3. In case of fire outbreak:
- A. Whoever sees it should raise an alarm and shout -"Fire, fire" for others to hear.

- B. Call the fire service.
- C. Mobilisation to fight the fire with available fire fighting covers positioned conveniently near escape route.
- D. Leave the fire areas quickly closing all doors as escape is made if
- E. Proceed to the Master Point through the nearest emergency exit.
- F. Do not re-enter a burning building for any reason.

TRANSPORT

1 CLEANALL ENVIRONMENTAL SERVICES LTD. VEHICLES

Only authorised company staff should be permitted to use Company vehicle. Regular maintenance checks should be carried out on the vehicles. Staff should be encouraged to drive safely and consideration should be given to training in safe driving techniques.

2. Road Transportation

CLEANALL ENVIRONMENTAL SERVICES LTD. drivers must be qualified to drive the particular type of vehicle they are assigned. Company vehicles should only be used for company business and their use authorised by senior staff. Unauthorised passengers carried in the company vehicle should be prohibited. It should be recommended that seat belts should be worn by all in moving company vehicles. Fire extinguishers and first aid kits should be provided in company vehicles. fire is beyond control.

3. Drivers Induction

CLEANALL ENVIRONMENTAL SERVICES LTD. policy it is to recruit only qualified and experienced drivers who will have to be trained and retrained in areas of security, fighting, first aid, road signs and regulations, etc.

SAFETY RESPONSIBILITY

Our organisation for safety shall be in the order enumerate hereunder:

MANAGING DIRECTOR

- Takes overall responsibility for all safety matters.
- Sets up safety communication machinery for reaching all employees.

- Approves all safety procedures and monitor compliance.
- Participates as chairman in the monthly company safety committee meetings.
- Personally investigates all serious accidents in conjunction with the General Manager.
- Provides budgetary approvals to procure all protective equipment.

GENERAL MANAGER

- Responsible to the Managing Director in all safety matters.
- Shall organise and develop all procedures necessary for workplace safety.
- He shall identify areas of safety training needs, and develop suitable training courses where possible.
- Attend the monthly safety committee meeting as deputy chairman.
- Organise down the line safety effort to ensure uniformity of purposes.
- Monitor compliance with procedures for safe practices.
- Join in investigation of all serious accidents.
- Develop inspection charts and checklists for his supervisors.

SENIOR TECHNICAL STAFF & ADMIN/FINANCE OFFICER

- Shall report to the General Manager in all safety matters.
- Shall be responsible for site safety talks, lectures and other training.
- Shall investigate all occurrences at their site and make presentations to superiors as may be directed.
- Shall enforce all rules and regulations on site/office.
- Shall carry out inspections on site/office at regular intervals to ensure accountability/good housekeeping is maintained throughout.

OTHER SENIOR STAFF

They shall be responsible to the General Manager in all matters of safety and shall be responsible for giving direction to their men in safety.

- Formulating safe procedures of work for his subordinates
- Maintaining record of inspection of Company equipment in accordance with statutory/client regulations.
- Enforcing safety meetings/talks with their subordinates.
- Investigating all accidents that may occur in their areas of authority.
- Giving induction training to new employees deployed to work with him.

Organise periodic safety inspection of the plant and premises.

A. HSES MANAGEMENT COMMITTEE

This shall be the highest HSES Committee assembly in the **CLEANALL ENVIRONMENTAL SERVICES LTD.** The committee shall consist of the Managing Director, General Manager, other Senior Staff, Admin/Finance Officer, Safety Officer and Supervisors. The Managing Director shall be Chairman or his appointee if he is absent. The Committee shall deliberate on all HSES issues affecting the company, especially those raised at the Group (Supervisors and general workforce) HSES meetings and actions taken. The meetings shall hold once a month and minutes kept.

B. **GROUP HSES COMMITTEE**

The Group HSES Committee shall consist of supervisors and the general workforce. It shall deliberate on all HSES matters as regards the project at work site. The workforce shall be encouraged to raise HSES suggestions for enhanced safety of project and Company operations in general. Issues for management action shall be routed to it. Meetings shall hold monthly and minutes kept.

SAFETY TRAINING PROGRAMS

- 1 Safety Orientation
- 2 Job Specific Training based on area analysis
- 3. Basic First Aid
- 4. Basic Fire Fighting & Prevention
- 5. Health & Safety Training
- 6. Construction Safety
- 7. Evacuation Drills
- 8. Helicopter Ditching/Water Survival/Training
- 9. Defensive Driving
- 10. Other relevant training S courses

GENERAL SAFETY INSTRUCTIONS

These instructions are to assist you in choosing a safe course of action while performing your daily job assignments and where personal judgment becomes a factor. Following the tips, hints and suggestions contained in these instructions will do much to prevent injury to you and your co-workers. Study each job from a safety point of view.

Before starting any job, think. Seek out the hazards and take preventive actions to eliminate accidents from occurring. Proper tools and necessary protective equipment should be on the job site before starting the work. If in doubt as to the hazards involved or the proper tools and equipment to use, consult your supervisor.

CORRECT AND/OR REPORT UNSAFE CONDITIONS

...... tripping hazards such as tools, materials, equipment leaks or spills. If in your area of responsibility, immediately remove the objects and stop the leaks or report them to your supervisor.

GOOD HOUSEKEEPING

Good housekeeping as a rule indicates a safe operation. It results in fewer accidents and reduces the hazards of fire as well.

Oil spills or leaks should be cleaned up promptly or covered with oil absorbent materials and should be removed as soon as possible.

Walkways should be void of materials, tools and equipment. A job is not completed until the area is cleaned up.

AVOID BREATHING PETROLEUM VAPOURS

Avoid breathing petroleum vapours even though they are not generally regarded as being highly toxic. Over-exposure to these vapours may produce a form of intoxication. Prolonged breathing of heavy concentrations may have some serious effects. If in a gaseous area, get to fresh air at once.

Do not return unless protective respiratory device is used or the area is gas free.

THE BULLETIN BOARDS

......are one way the company communicates with employees. In addition to safety bulletins, other information will be posted. To all informed employee, observe the bulletin boards.

SAFETY OF OTHERS

......especially new employees and visitors, is the responsibility of those employees familiar with the operations. If you see them performing an unsafe act or in a location where they are likely to be injured, inform them courteously of the hazards and how to avoid them.

REPORT NEAR INJURIES AND HAZARDS

......and you can assist the company in providing safe working conditions by reporting to your immediate supervisor any unsave conditions or practices you observe in your work. Near misses or near injury incidents reveal such conditions.

INSPECT EQUIPMENT AND TOOLS

LIFT PROPERLY

...to be assured that the weight is placed on leg muscles rather than smaller muscles of the back, bend your legs to get close to the object, keep the back straight, get a firm grasp, and lift by straightening the legs. If the object is too heavy for you, get someone to help you or use mechanical lifting equipment.

HANDLE MATERIAL WITH CARE

...keep your hand and body away from pinch points and between moving object. Gloves will help prevent injury to hands and fingers and safety shoes will help to prevent injury to the foot and toe. Those working on the job have the responsibility for safe carrying and use of materials and tools.

INTOXICATING LIQUORS, ALCOHOLIC BEVERAGES AND DRUGS

...will not be permitted on the platforms or other facilities under control of the company.

GAMBLING

...will not be permitted on the platforms or other facilities under control of the company.

PRESSURE

...must be bled off in a safe manner to atmospheric pressure prior to loosening or breaking threaded or flanged connections.

DOORS

......leading to areas of differential pressure are to be kept closed. Fans are not to be shut down or reversed without proper authority.

SAFETY AND FIRE PREVENTION RULES

Each employee shall comply with the following rules at all times. If a condition exists where you cannot comply with a specific rule, see your supervisor for alternate safe practices to follow:

1. SMOKING

Smoking is not permitted except in locations specifically designated by the company.

2. <u>MATCHES AND LIGHTERS</u>

Machines of the "strike and where" type and lighter not provided with a spring loaded cover are not permitted. "Strike anywhere' matches can be ignited by Friction on any surface or by rubbing against each other.

3. HOT WORK

To insure that fires and explosions will not occur as a result of ho1 work, a Hot Work Permit procedure has been developed which outlines the procedure to follow prior to starting any job where open flames, sparks, or other sources of ignition may create a hazard.

In addition to this procedure the following should be considered every time hot work is done.

- 1 Covering drain openings with non-combustible material.
- 2 Removing or protecting oil spills and other combustibles.
- 3 Positioning a portable fire extinguisher near the work area.
- 4 Provide a non-combustible barrier for screening of other personnel from the welding area.

The Hot Work Permit Procedure will be explained in details by your supervisor and then posted at conspicuous locations.

4. MAINTENANCE WORK - WORK PERMIT REQUIRED

Company employee and or the Heart land representative in charge of contracts personnel who are to work within the limits of a defined process are of utility section, must report to the supervisor operator in charge of the unit/area and obtain a work permit before any work is begun.

The operator signing the work Permit shall conduct the operations so as to provide continued safe conditions for personnel working in his area of responsibility.

When the work is completed, the work Permit is to be immediately returned to the operator in charge of the Unit/area for sign-off signature indicating that the work is completed, area is cleaned and the Work Permit is cancelled.

The Work Permit procedure will be explained in detail by your supervisor and posted at conspicuous locations.

5. **STARTING-STOPPING MACHINERY**

Unless you are specifically authorised to do so, do not open or close any valves or tamper with regular controls that could turn on or off electricity, water, gas fuel, oil, air, acid, or set in motion equipment or electrical apparatus. If authorised to do this work, make sure that no one is in a position to he injured.

It is recommended that wherever practical, machinery should be shut down before oiling, cleaning adjusting or repairing.

6. <u>TAGGING AND LOCKING OUT POWER SOURCES TO EQUIPMENT UNDER REPAIR.</u>

Prior to performing work on electrically driven equipment or on the electrical system itself, the circuit is to be de-energised and the switch box, circuit breaker, state-stop switch, etc., tagged with a "Danger, Do Not Operate" tag and

physically locked out by maintenance personnel performing the work. The operator or individual in charge of the area/operation where the equipment is located, is to be notified in advance for authorisation work on the equipment.

The procedure regulating the use of the "Danger, Do Not Operate" tag and lock out programme will be explained in detail by your supervisor and posted at conspicuous locations. But, remember, no tag or lock is to be removed by anyone that did not tag or lock the equipment.

7. RELEASE OF HAZARDOUS MATERIAL

After the equipment has been pumped out purged, flushed out, etc., and the operator/individual in charge of the equipment has issued a Work permit, personnel shall disconnect and/or blank all lines to the equipment as possible.

Blanking in an additional precaution against a valve being inadvertently opened and permitting the release of hot, corrosive, toxic or flammable materials into the equipment where work is being performed.

The procedure regulating blanking or blinding procedures will be explained in detail by your supervisor.

8. <u>WORKING IN, ENTERING TANKS, VESSELS, AND OTHER CONFINED</u> <u>ENCLOSURE -- REQUIRES AN ENTRY PERMIT.</u>

No tank, vessel, or other confined enclosure shall be entered until appropriate tests are conducted and an entry permit obtained.

One man must be stationed and remain outside the vessel where he can give warning or assist in an emergency is required for additional protecting of employees working in a confined enclosure.

The prescribed respiratory equipment - protective clothing and other necessary equipment shall be worn at all times when working in these enclosures.

The entry permit procedure will be explained in detail by your supervisor.

9. **REPORTING ACCIDENTS AND PERSONAL INJURIES**

All accidents and injuries sustained on the job are to be reported and given first aid treatment immediately. Delay could result in serious, disabling infections. If possible, notify your supervisor before reporting for first aid treatment.

If unable to report to work due to an injury occurring on the job, notify your immediate supervisor at once so that arrangements can be made for you to receive prompt medical attention.

10. **HORSEPLAY**

Horseplay, fighting or wrestling are not permitted. These pastimes can result in serious in injuries and could result in disciplinary action.

II. WEARING APPAREL

Adequate clothing suitable for the job shall be worn. When clothing becomes saturated with petroleum product, chemicals or other flammable liquids, shower and change to clean cloths immediately.

Wearing oil-soaked cloths is a personal fire hazard and contact with the skin could cause irritations. Do not clean tools with petroleum or other flammable products without the approval of your supervisor.

Long gauntlet gloves, nagged, loose clothing or neckties around rotating or moving equipment are definite hazards.

Employees who wear rings are cautioned not to wear them while working, Ring have caused many serious finger injuries and in some cases amputations.

12. **SAFETY HATS**

To guard against head injuries from falling objects, striking the head on objects, etc., the company provides safety hats, and company, policy requires that they be worn in all areas except the living quarters, and other areas as designated by the company. Where exposure to head injuries are unlikely to occur, in addition, chin straps must be worn in position when working in high winds, in an elevated position or in close proximity to a helicopter.

13. **EYE PROTECTION**

Due to the many hazards encountered by employees concerning eye damage company policy required that all employees wear safety glasses (prescription or plain) when a possibility of foreign object entering the eye exists. Consult your immediate supervisor for the procedure for obtaining safety glasses. Contact lenses and photo gray lenses are not approved for wearing on the job.

The following general operations and other similar work that requires eye protection equipment be worn at all times.

- A. Using air blasts for cleaning and other work where compressed air could propel parties through the air
- goggles.
- B. Using chipping bars or sledge hammers
- goggles.
- C. Operating machine tools, chipping, cutting, shearing, or drilling materials
- goggles.
- D. When buffing or operating grinding wheels, even if fixed guards are provided.
- goggles
- E. Working with equipment containing caustic, acid or other corrosive solvents.
- Goggles and face shield.
- F. During conditions when dust, rust, and other foreign materials are blowing around the area.
- Safety glasses
- G. During welding, burning, inspecting and chipping of welds including brushing scale or rust.
- welders goggles.
- H. Working on equipment under pressure such as adjusting pump packing, valve packing, loosening flange and when opening vent and/or drains.
- goggles.

14. **SAFETY SHOES**

Company policy requires that all employees on duty must wear safety shoes. Hotnailed shoes or those with protruding nails or metal taps are prohibited.

15. **RESPIRATORY PROTECTION**

Prior to entering any vessel, tank condense shell, or other similar equipment that may contain harmful toxic vapours, dusts, mists or be deficient in oxygen, an Entry Permit must first be obtained. The proper respiratory equipment based on the air contamination that may exist in or on the equipment will be prescribed and shall be used.

16. OTHER PROTECTIVE CLOTHING AND EQUIPMENT

Special protective equipment and clothing are provided by the company. Items such as rubber clothes, boots, heat resistant clothing, gloves, ear protectors and work vests are examples of special equipment that may be required for specific jobs.

SAFETY BELTS/LINE

Employees are required to wear safety belt with tail line security ties off when working over the side of a platform and when at heights of six feet or more, unless other approved means have been provided to prevent falls.

17. **WORKING OVERHEAD**

When performing work overhead, workmen below should be aware of your presence. If working above a passageway, or any other location where individuals could be endangered, suitable warning such as barricades, and/or signs are to be used or the entire area roped off.

Do not raise/lower any material, equipment or tools from above until all precautions have been taken to provide safety to those below or passing by. In some instances, it is necessary that a ground man be stationed below to warn others.

All signs, barricades, etc., must be removed when the job is completed

18. **USE OF HAND TOOLS**

The cause of many injuries results when using tools with mushroomed heads, files without handles, cracked, weakened or broken handles, nails in place of cotter keys, etc., Use only tools in good condition.

If tools become defective during use, obtain a tool in good order before continuing the work. Cheaters or snipes (extensions for wrench handles) are not to be used.

Always use the right tool for the job at hand.

19 HOISTING OPERATIONS AND EQUIPMENT

Only authorised operators shall operate hoisting equipment. Hoisting equipment including blocks shall be inspected and found to be in good working order.

One employee should designated to give signals to the crane or hoist operator. The hoist operator in turn should respond only to the signals given by the individual so designated. However, obey emergency stop signal by anyone.

Always keep clear of overhead loads and warn others who come within the danger zone. Do not place hands on moving rope or cable. The desired number of tag lines should be used to guide and control the suspended load.

Personnel baskets will be provided where satisfactory hoisting equipment is available. No more than four persons will be allowed to ride the basket at one time. Stand on the outer rim and face inwardly. Place hands on netting about chest high. Work vests or life jackets must be worn during basket transfer over water. Only light personal luggage may be placed inside netting.

20. **BARRICADES GUARDS WARNINGS**

If manhole covers, valve pit covers, trench plate covers, platform sections, handrails, etc, are removed the openings shall be properly guarded.

Guards for portable tools machinery etc, shall be in place when this equipment is in operation. If guards are removed the machinery shall not be put into operation until the guards are replaced. All I signs barricades, etc must be removed when job is completed.

21. LADDERS

Chairs, drums, boxes, valves pipe nipples and other similar equipment shall not be used for climbing or working platforms.

Ladders are to be inspected and only those in good conditions are to be used. Legs of the ladder are to rest evenly on the base, and the ladder must be tied or held in position by another employee.

A straight ladder is to be positioned so that every four feet up, the base of the ladder is to be placed one foot away from the object against which the top is resting. For example, the base of an eight foot ladder should be two feet away from the object against which the top is resting. The top of any ladder in use shall tied in place.

The top step of a step ladder should never be used to stand on. The third step from the top of the ladder should be the highest step used.

For safe use, wooden ladder should not be painted. Varnish, which permits visual inspection for defects, is permissible.

Personnel working on electrical equipment, writing etc are not to use metal ladders.

22. **SCAFFOLDS**

Scaffolds are to be properly constructed and placed so that they do not obstruct access to walkways, exits, fire fighting equipment or operating controls including emergency shutdown control.

Platforms for scaffolds should consist of at least four sound 2"x10" planks or equivalent in width and strength. Each plank must be secured to prevent it from slipping off or along the supporting member. Wiring, nailing or positive means can be used. Planking must be kept free from oil, dirt, grease etc to ensure proper footing. Wiring screening must enclose all open sides of the work platform when working above personnel or above areas normally used for walking. Whenever possible scaffolds should be anchored at the top to other supporting equipment to prevent tipping.

23. **ELECTRICAL EQUIPMENT**

Only authorised personnel shall connect, disconnect, repair or adjust any electrical equipment.

Vapour-proof and explosion-proof valves shall not be removed for the purpose of attaching electrical equipment unless so authorised by the foreman in charge of the employee performing the work and the issuance of a Hot Work Permit. Doors and dust covers of electrical apparatus to remain closed except during repair.

Bulbs for extension cords must be provided with protective guards to prevent breakage from a blow or from contact with liquids.

Only authorised personnel will enter switch gear rooms.

Do not use water hose to clean around turbines and electrical switchboards.

24. **COMPRESSED GAS CYLINDERS**

Consider each cylinder as full and handle it accordingly. When standing upright, cylinders are to be securely fastened to prevent their falling over also when being transported from one location to another. When not in use protective caps shall be kept in place.

Always check the label and colour code on all cylinders to make certain you have the proper type of cylinder for the work at hand. If in doubt check with your supervisor.

Take necessary precautions to prevent oxygen from contacting oil, grease or other combustibles. Oxygen and acetylene cylinders must be stored separately by 20 foot spacing.

If cylinders are left unattended for an extended time period, the hose and gauges must be removed and the cylinder valves closed. In no case should torches be left inside a vessel when not in use. Cylinder valves must be closed wherever the bottle(s) are left unattended.

25. STORING AND, PILING EQUIPMENT

Safe proper methods must be used to stockpile materials so they will not fall or cause some other pile to fall. Pipes should be wedged and choked and boxes should be cross-tied.

Never palletise or store materials where it will obstruct aisle ways, stairs, ladders, exits, or safety and fire protection equipment.

26. **LIGHTING HEATERS**

Due to the danger of explosions of gases, all heaters must be thoroughly purged before lighting or re-lighting. Face shields must be worn for protection against flashbacks when heaters are lighted.

27. **PERSONAL HYGIENE**

A high standard of personal cleanliness is necessary at all times. All clothing should be washed regularly.

Dirty laundry shall not accumulate to the extent that it becomes a house keeping or sanitary problem.

Living quarters are to be maintained in a neat and clean condition. Kits, clothing and personnel belongings are to be stowed away in the lockers.

Heavily soiled or dirty work clothes or shoes are not to be worn in the eating area. Leave them in the change areas.

28. **POLLUTION**

Place trash and refuse in the containers provided. On offshore platforms nothing metallic is to be thrown overboard. Report any escaping oil or gas and accidental spillage into the sea. If an oil slick is observed, report this to your supervisor immediately.

29 TRANSPORTATION OF PERSONNEL

(A) Helicopter

There will be no admittance to helicopter in dirty work clothiers or passengers found to be drunk and/or disorderly. Walk to and from the helicopter and maintain a secure grip on all hand articles.

Boarding and departing passengers will wait for a signal from the pilot before moving. Always approach or leave a helicopter toward the front of the aircraft in order to stay as far away as possible from the air-rotor. No passengers are permitted on the helideck or within 100 feet of the helicopter when it is landing or taking off. The landing area is not to be used as staging area for personnel, cargo, or luggage. Upon entering the cabin, take a seat as directed and fasten seat belt securely. Never move about the cabin while the helicopter is airborne. Observe smoking regulations. The Pilot is in complete command at all times. Follow his directions. Life jackets will be worn for all over water flights. Ear protectors will be worn at all times. Do not throw any material out of the window for all over water flights. Ear protectors will be worn at all times. Do not throw any material out of the windows of the aircraft while in flight. It might become entangled in tail rotor.

Do not loosen your safety belt until the aircraft has landed and you receive a signal from the pilot.

Do not inflate your life jacket while inside the aircraft. Familiarise yourself with the emergency escape from the helicopter each time you fly.

(B) Client's Aircraft

There will be no admittance to the aircraft in dirty work clothes or passengers found to be drunk and/or disorderly. Walk to and from the aircraft around the wing tip to stay as far away as possible from the properties. Boarding and departing passengers will wait for a signal from the pilot before moving.

All passengers will remain at least 100 feet from the aircraft until the pilot indicates it is ready for boarding. Upon entering the cabin, take a seat and fasten seat belt securely. Never move about bathe cabin while the aircraft is airborne. Observe smoking regulations.

The Pilot is in complete command at all times. Follow his direction.

(C) BOATS AND BOAT LANDINGS

All boat landings are equipped with two ropes for the use of personnel winging off and on boats. Use of a life jacket during this transfer is mandatory to all employees. In rough areas, transfer between boat and structure will be at the discretion of the employee.

He shall not be required to make the transfer if he feels it is not safe. Transportation to and from the Terminal may involve the use of the boat. All passengers will embark and disembark using the gangway.

Upon docking, permission to transfer on and off the boat will be given by the Captain's decision regarding safe conditions for transport or transfer of personnel will be final.

30. **FIRE FIGHTING EQUIPMENT**

Prompt action is essential for effective fire fighting and a knowledge of the location and use of fire equipment is necessary to permit taking immediate action. Familiarise yourself with the location of fire extinguishers, fixed water spray systems, hose reels, fire blankets and safety showers in the area in which you are working.

Fire protection equipment is not to be removed from its assigned station, other than for fire control purposes, without the approval of the platform supervisor or the safety Department at the Terminal.

To be assured that fire protection equipment is accessible at all times, the pilling of materials in front of extinguisher locations or otherwise blocking access to the equipment is prohibited.

Approval is required from the platform Supervisor of Safety Department before using fire monitors, hose reels, etc, for any purpose other than fire fighting. If authorised to use the fire water and the fire alarm alerts of an emergency, the individual using the fire water is to immediately cease and report to his emergency assignment.

If an extinguisher is used or the seal is broken for any reason, report it promptly to your Supervisor or safety Department so that it can be recharged/replaced and returned to its assigned place.

LOCATION

Fire extinguishers are inspected periodically so that they will be operable when needed. Do not tamper with them, or cover them with clothing, material, etc.

In the event of a fire or other emergency, employees not involved in combating the fire or emergency shall stay away from the involved area unless advised otherwise.

The Terminal is equipped with a fire truck and crew which will be called to the scene of all major or potentially major fires.

31. **OFFSHORE PRODUCTION PLATFORMS**

(A) Emergency Procedures and Alarms

Immediately upon reporting aboard the platform, each person will become familiar with:

Posted escape routes

Locations of fire fighting equipment

Alarm signals

Station and duties assigned during emergencies - study the station bill carefully.

Alarm Signals

Prepare to abandon platform - continuous ringing of alarm bell. Fire or related emergency sounding of alarm for is seconds. All clear will be given by platform Supervisor.

Emergency Drills

Drills shall be conducted as if an emergency exists and held periodically as required. All personnel shall report to their assigned stations and be prepared to perform the duties assigned to them.

Emergency Actions MAN OVERBOARD

Immediately upon seeing a person fall overboard, throw the nearest lifebuoy as a marker and keep the person in sight. Activate man overboard alarm by shouting "Man overboard" repeatedly. Only a last resort abandon watch of the man overboard to acquire assistance.

Fire or other Emergency

Upon discovering afire or other emergency, such as escaping gas or oil, immediately push a nearby manual fire alarm. In case of fire, attempt extinguishing with the nearest portable extinguisher.

Members of the fire Brigade will report to the scene of the emergency and fight the fire. All other personnel not associated with combating the emergency or necessary shut down operations will stay away from the area awaiting further instructions from the Platform Supervisor.

Abandon Platform

Upon hearing the "abandon platform" alarm, put on your life jacket and proceed immediately to your assigned station. The verbal order to abandon the platform will be at the sole direction of the Platform Supervisor or his designee.

(B) Life Saving and Rescue Equipment

Located at strategic debarkation points on all platforms are life buoys and life jackets. These are to be used only in emergency situations or when practising emergency drills.

32. TERMINAL OPERATIONS

(A) Emergency Procedures and Alarms

Immediately upon arrival at the terminal, each person will become familiar with:

Hazardous locations
Location of fire and emergency equipment
Alarm signals
Emergency stations and duties assigned during emergencies
Emergency Number

Emergency Drills

Drills shall be conducted as if an actual emergency exists and held periodically as required. All personnel shall report to their assigned stations and prepared to perform the duties assigned to them.

Fire or other Emergency

Upon discovering a fire or other emergency, shout and raise alarm Report the situation immediately to the fire service in case of fire attempt extinguishing

with the nearest portable extinguisher provided your safety is not in jeopardy. Members of the Fire Brigade and Fire Crew will report to the scene of the emergency and fight the fire. All other personnel not associated with combating the emergency or necessary shut down operations will keep clear of this area and await further instructions from the On-site Controller or his designee.

33. **FIRST AID**

All injuries received on the job should be reported to the clinic or doctor. If a person is injured and requires aid before the medical staff arrives, the following points should be considered.

- 1 Remove the victim from further harm. (Removal from water, from fire or room containing gas or smoke.)
- 2. If the victim is not breathing, ensure he has an open airway and give artificial respiration.
- 3. Control severe bleeding.
- 4. Except in cases stated in item i, do not move the victim, do not let him up or walk about.
- 5. Avoid unnecessary manipulation and disturbance.
- 6. Keep the victim warm.
- 7 Find out what happened from the victim or witnesses.
- 8. Examine the victim for injuries.
- 9. Make the victim as comfortable as possible.
- 10. Check the victim's pulse.
- 11. Apply dressing's splints or bandages as required.
- 12. Arrange for transportation.
- 13. Remain in charge until the victim reaches medical attention.
- 14. Above all, do nothing to the victim to increase his injury.