Agreement and Indemnity Overview

When a contractor commences work at International coal ventures limited (ICVL), all obligations set out in the relevant Safety, Health and Environmental legislation become applicable to the contractor, and to all work being carried out by the contractor and his employees.

It is imperative that the person appointed by ICVL, from the contractor puts measures in place to ensure the continued compliance with these requirements within his area of responsibility.

TENDER REQUIREMENTS AND WRITTEN AGREEMENT ON SAFETY, OCCUPATIONAL HEALTH AND ENVIRONMENTAL MANAGEMENT ENTERED INTO AND BETWEEN

In	ternational coal ventures limited (ICVL) Operation
	(Hereinafter referred to as The Employer)
	AND
	CONTRACTOR / SUB CONTRACTOR COMPANY

NOTE: The contractor representative who signs the written agreement must provide written proof that he has authority to do so on behalf of his employer.

(Hereinafter referred to as The Contractor)

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1. INTRODUCTION

International coal ventures Limited (ICVL) is committed to applying world class health, safety and environmental standards at all its operations. ICVL continually strives towards zero harm to our employees and contractors and to minimizing the impact on the environment in which we operate.

The cooperation of all personnel on site (contractors, own employees and labour broker employees) is vital to achievement of this vision.

The purpose of this agreement is to provide HSE requirements and expectations to be followed and implemented by all contractors and subcontractors performing work for or on behalf of the Employer on premises owned, rented or otherwise occupied by the Employer. The guideline does not remove the obligation of the contractor to comply with all Legislation in the specific country but provides a guideline to assist them in executing their duties in a healthy, safe and environmentally friendly manner.

2. DEFINITIONS AND INTERPRETATIONS

1.1 In this agreement, the following definitions apply unless the context otherwise requires:

1.1.1 Contractor

means [INSERT NAME OF CONTRACTOR]; and all employees, servants, sub-contractors and agents of the Contractor. A Contractor employee is a person, employed by a contracting company, who conducts any work on or on behalf of ICVL. The contractual agreement is for a fixed period depending on ICVL's needs.

1.1.2 Sub Contractor

means any person appointed by the principal contractor as a sub - contractor in terms of the contract.

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1.1.3	Principal Contractor	means an employer, who performs work and is appointed by the client to be in overall control and management or a part of or the whole of a premises/ workplace
1.1.4	Contractor's Pack	Set of documents required to ensure that all the legal requirements applicable to all the activities carried out by independent contractors are completed in accordance with all the requirements of ICVL Standards.
1.1.5	Contractor Assessment	Contractor Information, HSE-DOC-0032 needs to be submitted to identify the HSE Risk Exposure of each contactor company.
1.1.6	Agreement	means this Agreement, together with any schedules or annexure hereto;
1.1.7	Employer	the relevant ICVL Operation,
1.1.8	Employer Representative	the person appointed in terms of Mozambique Legislation
1.1.9	ICVL Manager	means the person responsible (or contract owner) for initiating the tender enquiry in order to do work, and will be supervising the contract to its completion
1.1.10	Contractor Manager	means a non-ICVL person legally responsible for the supervision of the contractor employees for the duration of the contract.

1.1.11	Competent person	means any person having the knowledge, training, experience and qualifications specific to the work or task being performed, provided that where appropriate qualifications and training are registered with the correct authorities.
1.1.12	The Premises	means the premises of the Employer.
1.1.13	Labour Agreements	means legally binding labour agreements for the project or operational phase that must be adhered to at all times. Copies available from the relevant Human Resources (HR) Department.
1.1.14	Premises/ workplace	means the areas where the contract work is to be executed and shall include but not be limited to offloading, storage, lay down and office areas associated with the contract premises / workplace.
1.1.15	Unplanned event	means a work related event/s in which an injury or ill health (regardless of severity or fatality) occurred or could have occurred. This also includes property damage, business interruption or near miss.
1.1.16	SPI	means a Significant Incident, being an occurrence which has the potential of being an incident or accident during which employee/s could be seriously or fatally injured, or are exposed to a health threatening occurrence which may result in their deaths; Any incident that meets the following criteria: • Has a health, safety or environmental impact, and

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		A Maximum Reasonable Outcome (MRO) of Critical, and
		 An actual consequence of near hit/miss, minor, medium, or serious
1.1.17	AIFR	means all injury frequency rates and is calculated as the number of all injuries per 200 000 man-hours worked. (Number of all injuries per period X 200 000) / (Actual hours worked during the same period)
1.1.18	LTI	means lost time injury. It is any incident which arises out of and in the course of duty resulting in any occupational injury; and giving rise to any related temporary or permanent disablement as determined by a medical practitioner. The affected person is unable to continue with all of his/her tasks for which he/she was appointed / responsible for and which constitute their normal duties
1.1.19	LTIFR	means lost time injury frequency rate and is calculated as the number of LTI's per 200 000 man-hours worked. LTIFR = (Number of LTI's per period X 200 000) / (Actual hours worked during the same period)
1.1.20	PPE	means Personal Protective Equipment
1.1.21	Applicable Legislation	means any and all laws, statutes, regulations, articles, ordinances, rules, guidelines, policies, notices, orders and directions or other document which may apply to

the work or services being provided by the Contractor in

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		which the Employer has given notice of applicability to the Contractor; provisions of the Labour Law, these qualifications and training shall be deemed to be the required qualifications and training.
1.1.22	Hazard identification	means the identification and documentation of existing or expected hazards to the health and safety of persons, which are normally associated with the type of construction or other work being executed or to be executed.
1.1.23	HIRAC	means hazard identification, risk assessment and control
1.1.24	Emergency Plan	means a plan in writing which, on the basis of identified potential incidents at the installation, together with their consequences, describes how such incidents and their consequences should be dealt with at premises / workplace.
1.1.25	PTW	Permit to Work
		Territe to Work
1.1.26	Method Statement	means a document detailing the key activities to be performed in order to reduce as far as reasonably practicable the hazards identified in any risk assessment.

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1.1.28 Plant

means buildings, structures, equipment, services, machinery, tools, intellectual property, software, hardware, training material, apparatus, materials and documentation to be provided under the contract other than the principal contractor's equipment.

- 1.2 Headings are used for convenience only and do not affect the interpretation of the Agreement. In the interpretation of this Agreement, the following applies, unless the context requires otherwise:
 - 1.2.1 The singular includes the plural and vice versa;
 - 1.2.2 One gender includes the other genders;
 - 1.2.3 If a word or phrase is defined, its other grammatical forms have a corresponding meaning;
 - 1.2.4 A reference to a person, corporation, trust, partnership, unincorporated body or other entity includes any of them;
 - 1.2.5 A reference to a clause or a schedule, unless otherwise stipulated, is a reference to a clause or a schedule to this agreement;
 - 1.2.6 A reference to an Agreement or document (including a reference to this agreement) is to the Agreement or document as amended, varied, supplemented, notated, or replaced except to the extent prohibited by this Agreement or that other Agreement or document;

- 1.2.7 A reference to a Party to this Agreement or to a Party to another agreement or document includes the Party or the Party's successors and permitted substitutes or assigns;
- 1.2.8 The agreement contains a summary of HSE standards required to enable the contractor to adequately tender and is not comprehensive additional information is available on request.
- 1.2.9 A reference to legislation or to a provision of legislation includes a modification or re-enactment of it, a legislative provision substituted for it and a regulation or statutory instrument issued under it.

3. What you can expect of ICVL

- An organisation dedicated to safety.
- A policy and programme to eliminate all injuries.
- Regular communication about safety.
- Safe work procedures for all hazardous tasks.
- · Appropriate training.

4. What ICVL expects of you

- Come to work fit for work.
- Make sure you are capable to achieve required standard.
- Make sure you can work safely before you start.
- Follow all ICVL procedures and rules.
- Stop the job if it is unsafe.
- Look after your workmates.
- Report any injury, illness or incident immediately to your Supervisors.
- Be vigilant always and never take a chance.
- Adhere to the 10 Golden Rules at all times.
- Supply PPE to your employees and correct tools for each job.

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5. ACCESS REQUIREMENTS AND SECURITY

5.1 The Contractor shall only access and exit the premises through designated places, as

agreed by the Employer;

5.2 The Contractor shall ensure that its employees observe the security rules of the Employer

at all times and do not permit unauthorized persons onto the premises;

5.3 The Contractor shall not enter any unauthorized areas;

5.4 No Contractor/contractor employee or sub-contractor will be allowed access to a colliery

or will be issued with an access control card, unless the contractor's documents have been

completed and the person/s has attended ICVL induction.

5.5 It is strictly prohibited and illegal for a Contractor / sub-contractors to use the access card

of another employee or ex-employee to allow access for a new or unauthorized employee.

5.6 Contractor supervisors must brief their employees / sub-contractors to ensure that

employee do not use each other's access card to gain access to any premises.

5.7 Private property (i.e. Laptops and computers), which is to enter and leave the premises/

workplace, to be brought into the premises/ workplace shall be declared to Security .

5.8 All tools, leased or hired plant/equipment to be brought onto or out of premises/

workplace shall be declared by the contractor. Such tools and equipment are to be listed

and inspected as per contractor owned tools and equipment. Over inspection by ICVL

representatives may also be carried out prior to tools, plant or equipment entering the

workplace/premises.

5.9 Plant/equipment or materials shall be delivered to premises/ workplace with a delivery

note using only a prescribed entrance.

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5.10 ICVL Plant/equipment or materials which are to be removed from premises/ workplace shall be by an authorised gate release form signed by the Contract Owner.

5.11 Contractor supervisors must within 24 hours, report any lost cards, resignations, dismissals

and abscondments to the ICVL Contract Owner and Security Department. The contractor is

liable for the cost of a replacement card.

5.12 Access is controlled to prevent unauthorized items/goods into the security area e.g. drugs,

firearms, explosives etc. ICVL Security has the right to search any person entering or leaving

the security area for explosives and mine property.

5.13 No photos shall be taken without consent from the ICVL Contract Owner. Taking photos

without necessary authorization will lead to a breach of contract.

5.14 The Contractor shall ensure that no visitors of the Contractor or of its Sub-Contractor's

shall proceed to enter ICVL's sites or operations unless they have completed all necessary

visitor entry requirements and must at all times be accompanied by a person who has

completed all necessary general training requirements.

5.15 It is the Contractor's responsibility to ensure that ICVL Operations are only accessed when

the following documents have been obtained:

Confirmation from Contract Manager that all the documents, as per the project related

Environmental Management Plan, were prepared and submitted to him/her

• All contractors employees will have a :

• Valid Certificate of Fitness (The examination is performed at the ICVL Clinic or

other approved facility)

Valid ICVL induction

Valid Access card issued by the Training Department following Induction

Valid Contractors Pack

Relevant PPE is worn

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5.16 It is the Contractor's responsibility to ensure that no employee drives on site unless the Following are in order:

• Valid driver's license for Mozambique

Valid ICVL License

• Valid Operator's License (where necessary)

6. PRE QUALIFICATION OF CONTRACTORS

All contractors will be subjected to a pre-qualification process by the Procurement Department; no work will be awarded or performed unless pre-qualification has been passed.

7. CONTRACTORS PACK

7.1 To ensure that all work is performed in a safe manner, a Contractors Pack is created for all on site work performed by each Contractor, including Sub Contractors.

7.2 The Contractor will complete the ICVL Contractors Pack based on their exposure risk rating before commencing work. This pack will be reviewed and approved by the Safety Department.

7.3 Each sub-contractor is required to submit their own Contractors Pack for approval by the ICVL Safety Department.

7.4 Upon approval of the Contractors Pack, the Contractor will be required to complete a Safety Presentation to the Employer's Management team. This will be coordinated by the Safety Department.

7.5 The Contractor shall, prior to commencing, participate in a Pre-Start HSE review with ICVL Safety Department. The purpose of this review shall be to compare the contents of the Contractor Pack to facilitate a consistent approach to HSE issues.

7.6 The Contractor's CEO or equivalent shall attend the above meeting. The meeting shall be conducted prior to the Contractor commencing activities on the Site.

- 7.7 The Contractor Pack shall contain up-to-date records of the following:
 - Employee engagement forms
 - Proof of inductions, relevant training and skills and licenses
 - · Certificate of fitness
 - Risk assessments for the work to be done
 - Work schedule
 - The contractor's organogram
 - Copies of legal appointments legal people
 - · Proof of the employees being insured
 - Work Instructions
 - On the job induction register

8. COMPENSATION AND INSURANCE REQUIREMENTS

- 8.1 The Contractor warrants that all its employees as well as the employees of any subcontractor, who may be engaged by it, are covered for Occupational Injury, Disease and Illness.
- 8.2 The Contractor further warrants that this cover shall remain in force while any such employees are performing work for or on behalf of the employer.
- 8.3 The contractor shall submit a valid Letter of Good Standing with the Compensation Commissioner for the duration of the contract. A copy shall be submitted to ICVL Contract Owner before commencing work on the premises/ workplace.
- 8.4 Furthermore, the Contractor warrants that it is in possession of the insurance cover set out below, which shall remain in force whilst it or any of its subcontractor's and/or employees are working for or on behalf of the Employer, or which insurance cover shall remain in force for the duration of its contractual relationship with the Employer, whichever period is the longest:

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- Public liability insurance cover;
- Any other insurance cover that will adequately make provision for any possible losses and/or claims arising from it and/or it's sub-contractors and/or it's employee's acts and/or omissions on the premises of the Employer.
- Medical treatment and evacuation

9. GENERAL PRECAUTIONS

- 9.1 Make enquiries before commencing work on any installation or equipment and find out what permits are needed.
- 9.2 Plan work in advance to avoid hazardous situations.
- 9.3 Issue, and ensure you receive, clear and precise instructions before any work commences.
- 9.4 Make sure instructions are understood or, if you are receiving them, make sure you understand them before any work is commenced.
- 9.5 No work should be considered complete until the work area has been cleaned up.
- 9.6 Regularly inspect and maintain all tools and equipment. Keep them clean and in good condition at all times.
- 9.7 Always work from a safe place and convenient position, which provides maximum working space and where you cannot slip, trip or stumble and so endanger yourself and others.
- 9.8 Never carry out work, which you are not authorized to do, nor for which you are not competent.
- 9.9 Keep the working place clean and tidy. Do not leave such items as scrap, tools, and equipment not in use lying about. Provide proper storage areas and ensure all items are kept in their proper places. A person may stumble or fall over such articles. Grease or oil

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spilt on the floor must immediately be cleared up or demarcated with barrier tape and covered with dry sand.

9.10 Ensure walkways are marked out and always kept clear.

9.11 Each Safety Notice and Sign has been erected with a specific purpose. This is to prevent people from being injured. Ensure that all signs are understood and that everyone is to comply with the instructions given on such signs and on no account may any notice or sign be removed or defaced. These signs must adhere to the ICVL specifications.

9.12 No person may operate, drive or use any machine, vehicle or equipment without the necessary license and permit and without the authorization of the responsible Supervisor.

10. WORK STOPPAGE

10.1 In the event of a work stoppage based on safety deficiencies, the Contractor shall immediately remove the workforce from the work area and correct the safety deficiencies by allowing only the people in the area that are competent to make the area safe. The Contractor shall ensure no other work is being performed during this time. Should the estimated time from the outset to make the area safe be longer than four hours or where life threatening/imminent danger situations exist, then the area will be barricaded or roped off and a sign placed with the wording "Unsafe Area — Authorized Access Only".

10.2 Before the workforce is allowed back in the area, the Contractor shall ensure the area is reinspected by Contractor's Safety Representative and field supervisor. The corrective actions taken shall be evaluated. The Contractor shall declare the area safe for work by signing off on the "work stoppage" notice issued by the Safety Department.

11. PERSONAL CONDUCT

11.1 No person shall bring intoxicating liquor or drugs onto the ICVL premises and no person shall be permitted to enter or remain on such premises whilst under the influence of intoxicating liquor or drugs.

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11.2 Any person who fails to obey any instruction given to him in accordance with or for the Proper observance of the requirements of the Act and the Employer's safety program shall have disciplinary action taken against him, which could lead to removal from

premises/ workplace.

11.3 No person shall engage in any form of pranks and mischief which may affect the safety of

themselves or any other person at premises/ workplace. Such persons shall be removed

from site.

11.4 No person shall sleep on premises/ workplace.

11.5 All assaults shall be reported immediately to the Employer Protection/ Security Services

and to the Mozambique Police Services.

11.6 All parties involved in the assault shall be suspended from premises/ workplace pending

the outcome of the investigation.

11.7 Recognized routes to be followed

Only official roads, walkways and recognized rights-of-way shall be used in the

workplace/premises.

When inside buildings, contractor's employees shall keep to the demarcated walkways.

Contractors and their employees are not permitted to take short cuts between buildings

and process lines to and from the construction premises/ workplace.

11.8 Seasoned personnel should at all times endeavor to enlighten and guide new employees

into safe work practices, and to indicate any possible sources of danger.

11.9 Aggressive behavior, shouting and other unnecessary noises likely to cause confusion or

excitement are not permitted.

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11.10 Unsafe conditions or practices that are observed are to be rectified on the spot and

Serious problems are to be reported immediately to the responsible Supervisor.

11.11 All work shall be performed in a careful, diligent and responsible manner.

11.12 Interference with PPE, safety devices, warning signs and the like is not permitted.

11.13 Disciplinary measures will be taken against people not complying with ICVL's HSE rules

and procedures.

12. CO-OPERATION

12.1 The Contractor and its employees shall provide full co-operation and information if and

when the Employer or its representative inquiries into safety, health and environment and

issues concerning the Contractor, to the extent that these are relevant to the work and or

the services being undertaken by the Contractor.

12.2 The Contractor and its appointees shall make available to the Employer and its

representative, on request, all and any documentation, checklists and inspection registers

required to be kept by the Contractor in respect of any materials, machinery or

equipment.

12.3 All incidents and accidents must be reported to ICVL immediately.

13. INTOXICATION AND ADDICATION

13.1 No alcohol or other intoxicating substances shall be allowed on the premises. Anyone

suspected to be under the influence of alcohol or any other intoxicating substance shall

not be allowed on the premises of the Employer, and any person found to be under the

influence of alcohol or other intoxicating substance on the premises of the Employer shall

be removed immediately. Self-testing arrangements are available where employees can

test themselves should they suspect they may be under the influence. The Employer

reserves the right to conduct random alcohol test on all the contractor's employees and sub contractors

13.2 Notwithstanding the provisions of clause 13.1 above, any person required to take medication shall notify the relevant responsible person as well as the potential side effects of any medication required

14. DUTIES AND RESPONSIBILITIES OF CONTRACTOR

14.1 Hazard Identification and Risk Assessments:

- The Contractor shall carry out appropriate HIRACs depending on the scope of work and the services to be undertaken;
- The Contractor shall provide the HIRACs conducted to the Employer prior to work commencing for the approval of the HIRAC, and work may only commence once the HIRA has been approved by the Employer or the person appointed by the Employer for this approval;
- The Contractor warrants that it shall familiarize itself with all HIRACs provided by the Employer and any information provided by the Employer which may impact upon the work and/or services to be undertaken
- All risk assessments for or on ICVL Operations shall be completed using the ICVL
 Risk Matrix and methodology. (HSE -SYS-0003 HSE Risk Management Procedure)

14.2 Appointments Supervision and Over inspection

- All work performed on the premises of the Employer must be performed under the
 close supervision of the Contractor's appointed supervisor who must ensure that
 employees are to be trained to understand the hazards to be associated with any
 work that the Contractor performs before any work can be allocated to them.
- Competent appointed persons shall take all reasonably practicable steps to ensure that no unsafe or unhealthy or environmentally detrimental practices are carried out.

- The Contractor shall appoint trained competent employees who shall be trained on all safety, health and environmental requirements pertinent to them or to the work that is to be performed.
- Copies of such appointments will be provided by the Contractor to the Employer before the commencement of any work at the premises.
- The Contractor must supply the Employer with an organization chart describing the relevant responsibility, which organogram must include the names of specific appointees;
- The Contractor is responsible to ensure that all appointments are made by the person holding the correct authorization to make any such appointment. Where appointments are required to be signed by the Employer representative or the Manager, these must be signed prior to work being able to commence.
- Discipline regarding safety, health and environment and the relevant legislation shall be strictly enforced. All employees must be made aware that any breach of the Legislation, Procedures, Work Instructions and Special Instruction which may be issued from time to time, will result in disciplinary action being brought about.
- It is agreed and understood that in the event of any employee breaching the provisions of the Legislation, Standards, Procedures, Work Instructions and Special Instruction which may be issued from time to time, and upon the request of the Employer, the Contractor shall immediately remove from the premises any of the Contractors Employees who has failed to comply.
- Competent supervisors from the Contractor shall carry out over inspection.
- The contractor's responsible person shall not be absent from premises/ workplace at any time that any work is being carried out by the contractor until he has appointed a competent person to supervise and be responsible for the contract premises/ workplace during his absence.
- If the contractor's responsible person is likely to be absent from premises/ workplace for a period not exceeding three consecutive days, he shall nominate a competent person to deputize for him during his absence and shall inform ICVL Contractor Owner of the identity of the nominated person.

14.3 Appointment of a HSE Representative and HSE Officer

- Appointment of a HSE representative
 HSE representatives shall be appointed as per the requirements of the Mozambican
 Health and Safety Regulation 61 of 2006 Article 273.
- Appointment of a HSE Officer
 All high risk contractors shall appoint a full- time or part time Health and Safety officer in writing to assist in the control of all health and safety related aspects on premises/ workplace. Low risk contractors may have to appoint a Health and Safety Officer if required and agreed to by the Employer.

14.4 Work Instructions

- All Codes of Practice, Standards, Procedures, Work Instructions and Special Instruction which may be issued from time to time shall be enforced and all employees shall be conversant with these procedures.
- The Contractor shall implement and enforce safe work procedures as prescribed by
 the Employer and it shall ensure that its responsible persons and employees are
 conversant with the content of these practices, and that they are adhered to.
 Training or briefings shall be done in all applicable languages.
- Work for which the issuing of a permit is required shall not be performed prior to obtaining a duly completed and approved permit.
- The Contractor is required to implement a procedure regarding the withdrawal by employees from a dangerous working place and must ensure that that all employees are familiar with the procedure.

14.5 Safety, Health and Environmental Training

• The Contractor shall ensure that all persons engaged by it undergo whatever training and assessment may be deemed necessary by the employer, from time to time, which training will include, but may not be limited to induction training by the Employer.

- The Contractor undertakes to assist as far as reasonable with the mechanism put in
 place by the Employer to comply by making available of all training records and
 assessments of any person engaged by the Contractor to perform work on the
 premises of the Employer.
- The Contractor shall ensure that it is familiar with applicable legislation and that its Subcontractors and all persons engaged to perform the duties of the contractor comply with them.
- The Contractor shall ensure that it is familiar with and complies with the ICVL's
 HSE Management system including the other standards and agreements like the labor
 agreement.
- The Contractor warrants that it will take all reasonable steps to familiarize itself with the applicable legislation of any task.
- The Contractor must ensure that it clearly understands which legislation governs it and the work it has to perform from time to time.

14.6 Health and Safety Meetings

- Daily toolbox talks are required on site and all employees in the work area shall attend. Records of the toolbox meetings and attendance registers must be kept by the Contractor. The required template is available from the Safety Department.
- It is the responsibility of the Contractor to meet on a regular basis with its employees to discuss HSE initiatives and performance. Minutes of each meeting shall be taken, signed by all present and copies forwarded to ICVL Contractor Owner. A copy of all minutes of meetings shall be kept in the contractor's HSE file.
- ICVL Contractor Meetings will be attended by a Contractor representative as per notification from the ICVL Contractor Owner or Safety Department.
- Contractor and HSE Representatives will participate in the Safety Committee Meetings.

14.7 ICVL Induction

- There are two types of induction courses to attend:
 - Compulsorily Induction at the Training Centre before entering the premises/ workplace
 - On the job induction.(This must be done by the Contractor)
- Proof of the Induction training shall be located in the Contractors Pack.

14.8 Sunday Work

- If the Contractor wishes to perform any work on a Sunday or public holiday, an application must be made to the relevant person appointed in terms of the Contractors Pack.
- This application must be made before the end of business on the Thursday proceeding the Sunday in question

14.9 Safety related maintenance work

 The Contractor must submit a schedule of safety related maintenance to the subordinate engineer in whose area of responsibilities the work is to be performed.

14.10 Transport to and from work

 The Contractor must supply transport to and from site. The means of transport must comply with the minimum requirements of ICVL Vehicle Standard.

14.11 Meal and drink water

- The Contractor will supply 1 meal during the shift to all employees.
- The contractor will ensure the meal is of good quality and provided in a hygienic manner.
- The contractor will supply to cold potable water during working hours.

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15. SUBCONTRACTORS

15.1 The Contractor shall notify the employer of any sub-contractor it may wish to engage to

perform work on the Premises.

15.2 The Contractor shall ensure that the terms and conditions of this Agreement are extended

to any sub-contractor who shall be bound by the terms and conditions contained in this

Agreement.

15.3 Each Sub Contractor is required to complete a separate ICVL Contractors Pack for

approval by the ICVL HSE Departments prior to commencing work.

15.4 The Contractor shall remain liable for all acts and omissions of its appointed sub-

contractors.

16. MEDICAL EXAMINATIONS

16.1 The Contractor warrants that it is aware of all risk areas and that its employees have been

medically certified by a Medical Practitioner according to the ICVL Minimum Standard of

Fitness to Perform Work

16.2 The Contractor warrants that no person shall be engaged by it, to perform any work on the

premises of the Employer without that person having been declared medical fit to perform

work on the premises of the Employer.

16.3 The Contractor shall ensure that all employees undergo medical examinations and medical

surveillance as may be required by the Employer.

16.4 The Contractor shall ensure that all employees undergo exit medical examinations before

leaving site.

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17. HSE AUDITS AND INSPECTIONS

17.1 ICVL Contract Owner and ICVL HSE Departments will conduct audits and inspections on a

regular frequency on the Contractor Sites. Arrangements will be made with the

Contractor.

17.2 The Contractor cannot refuse to accommodate ICVL for HSE audits or inspections.

17.3 Findings of these inspections or audits will be submitted to the Contractor and the ICVL

Contract Manager to rectify any unsafe or unhealthy conditions within an appropriate

timeframe.

17.4 Contractors are required to conduct in-house inspections and audits, these audit and

inspection results must be made available to ICVL Management.

18. SAFETY INTERACTIONS

18.1 Safety is the responsibility of everyone working at ICVL. Everyone should be pro-active

towards safety. Look out for unsafe acts or conditions and immediately report them to

your supervisor. Be aware of any situation that may cause injury to you or your fellow

employees.

18.2 Supervisors should conduct regular work observations using the safety coaching process

in order to audit the competence and compliance of their direct reports, and take

appropriate remedial action where necessary. These will be logged in the ICVL HSE

Management system,.

19. SUBMISSION OF HSE INFORMATION

19.1 Access will be provided to the ICVL HSE Management system, this includes but is not

limited to near miss reports, incident notifications and investigations, monthly hours

worked, etc.

- 19.2 All HSE information must be captured and maintained in the ICVL HSE Management system.
- 19.3 Contractor is responsible to submit an updated list of employees on site as well as the hours worked on a monthly basis to ICVL.

20. COMPLIANCE WITH ICVL STANDARDS

- 20.1 All ICVL standards will be complied with, these include but are not limited to the following:
 - ICVL HSEQ Management System Standards
 - ICVL safety, Health and Environmental performance standards.
- 20.2 Copies of the standards are available on request or in ISOMETRIX.
- 20.3 Contractor must tender / budget according to the ICVL Standards as these are non-negotiable for conducting work with ICVL.
- 20.4 Contractors will be required to conduct a performance gap analysis on their systems and procedures to align them with the ICVL Standards.

21. CHANGE MANAGEMENT

- 21.1 All employees and contractors must be trained and competent to identify what constitutes a change and how to initiate the change management procedure.
- 21.2 Change should take place in such a manner that it does not cause injury to people, damage to physical assets or unnecessary loss to the company.
- 21.3 Significant changes will be loaded and managed in ISOMETRIX and the required approvals will be obtained prior to any changes being implemented.

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22. PERSONAL PROTECTIVE EQUIPMENT

22.1 Appropriate PPE shall be issued by the Contractor, at no cost to employees. This will

include, but not be limited to, long sleeve shirts and long pants, reflective vests, overalls,

hard hats, steel toe capped boots/shoes, appropriate gloves, ear protection, eye

protection, water bottle and wide brims for hard hats (Heat Stress).

22.2 The Contractor shall ensure that PPE is worn by its employees at all times while work is

being carried out on the premises of the Employer or while any persons are present in an

area which requires PPE to be worn.

22.3 Place notices/signs/pictograms in line of the ICVL Branding standard shall be available at

all work places on premises/ workplace, to indicate areas where head, eye, respiratory,

hearing, hand, foot protection, etc is required and shall be worn. The contractor's

responsible person shall ensure that all contractor employees understand and obey these

notices/signs/pictograms.

22.4 The contractor's supervisors and employees shall wear overalls or long sleeve shirts with

the relevant contractor's logo for identification purposes. (Minimum size of lettering 100

mm).

22.5 All PPE used by the contractor shall be of a type and specification approved by the

Employer based on the requirements of the risk assessment and material safety data

sheets.

22.6 Any contractor employee, who in the opinion of the Employer is not suitably dressed,

protected or equipped for the work he is required to perform may be prevented from

starting work on premises/ workplace until the matter is rectified and such prevention

shall not entitle the contractor to make any claim against the Employer.

22.7 The Employer will apply the disciplinary code for offences pertaining to PPE usage, which could lead to the contractor's responsible person being removed from the premises/ workplace at Employer's request.

23. SITE ESTABLISHMENT

- 23.1 Temporary Facility Layout Plan showing Site Sheds, Offices and Amenities
 - Prior to taking access of the site, the Contractor shall submit a detailed plan of the site
 to the relevant Contract Owner for review, showing location of all buildings, amenities,
 containers etc.
 - Written approval for Temporary Facility Layout Plan shall be obtained from the relevant Contract Owner prior to locating any temporary facilities on the Site.
 - Sheds shall be of sound and neat appearance and shall conform with the requirements of local and statutory authorities and have suitable fire precautions
 - A sign shall be fixed on each shed on site or at each entrance to site offices and yards to clearly display the Contractor's name and relevant telephone number(s).
 - The Contractor shall, as required by statutory regulations, provide and maintain adequate amenities.
 - The Contractor shall ensure that the allocated amenity area is maintained in a sanitary and tidy manner to the satisfaction of the Contract Owner.
 - All temporary facilities shall be properly connected to the electrical, water, sewerage, telephone, etc, services to the satisfaction of the local statutory authorities.
- 23.2 The Contract Owner or HSE Department may conduct inspections on a random basis of the Contractor's sheds / containers erected on the Site. In cases where inadequate care has been paid to cleanliness or safety, the Contract Owner or HSE Department will instruct the Contractor to cease work until their site has been tidied up and made safe. Neither additional cost nor extensions of time to the Contract shall be allowed as a result of such a stoppage.

- 23.3 Before any work shall commence on premises/ workplace the contractor shall attend a site establishment meeting with the Employer's Contract Owner where amongst other the following will be discussed:
 - Pre-work briefing on work to be performed.
 - Contractor's approved Contractors Pack (to be approved prior to the site establishment meeting).
- 23.4 Site Risk Assessments shall be compiled for all tasks before commencement of work on premises /workplace as well as throughout the duration of the contract. Over and above the Risk Assessments, the contractor shall prepare written safe work procedures for all tasks where risks have been identified.

23.5 Workplace Requirements

- The contractor shall request the ICVL Contractor Owner in writing for premises/ workplace at least 2 (two) months before the requirements thereof. The request shall clearly state the services and floor area required.
- Should the Contactor require telephone and/or fax lines he shall make the necessary arrangements with local authorities on his own costs.
- Should the Contractor be on premises/ workplace for a period exceeding 5
 working days, the Contractor shall erect a notice board displaying the following:
 - Name of the main contracting company;
 - Project description;
 - Name and telephone number of the appointed responsible person;
 - Name and telephone number of the appointed first-aider ;
 - Telephone number of the ICVL Safety Department; and
 - Telephone number of the Medical Station and ambulance point.
 - Safety performance. LTI Rate and number of days injury free.
- Flammable materials shall be stored separately as per site requirements.
- Adequate firefighting equipment shall be available.

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The Contractor shall be responsible for taking all necessary precautions to

 Safaguard his premises (workplace from theft and damage).

Safeguard his premises/ workplace from theft and damage.

The cost of ablution facilities, offices and mess rooms required by the Contractor,

shall be for the Contractor's account.

The Contractor shall operate in accordance with the ICVL Environmental

Management System requirements.

23.6 The Contractor shall keep the premises/ workplace clean and tidy for the duration of the

contract.

23.7 At the end of the contract the Contractor shall clear the premises/ workplace of all

buildings, latrines, concrete slabs, cables, water pipes, sewers, fences, name boards and

rubbish which were the result of his occupation and rehabilitate the premises/ workplace

to the satisfaction of the Employer.

23.8 All waste disposals shall be recorded by the Contractor and the information will be

submitted to the ICVL Environmental Department on a monthly basis. All waste must be

disposed of in an approved waste disposal facility, licensed to receive the type of

materials. Records of safe disposal must be available for example, safe disposal

certificate.

24. HEAT STRESS MANAGEMENT

24.1 The ICVL Heat Stress Program will be adopted and implemented by contractors on site.

24.2 Security guards will be provided with suitable cover against the sun or other weather

conditions.

24.3 Cold water and a shade area will be provided on site and electrolytes will be handed out

to employees on a regular basis as required by the Heat Stress Management Plan.

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- 24.4 Wide Brims for Hard Hats and long sleeve shirts will be issued as part of PPE.
- 24.5 Flag Poles displaying flags in accordance with the ICVL Heat Stress Programme will be installed on each site so that they are clearly visible during the day.

25. MALARIA MANAGEMENT

25.1 The ICVL Malaria Management Plan will be adopted and implemented by all contractors on site.

26. JOURNEY MANAGEMENT

The ICVL Journey Management Plan will be adopted and implemented by all contractors on site **27. PRECAUTIONS AGAINST FIRE**

- 27.1 No open fires are allowed on the project, exploration site or operation without previous consent of the ICVL Contract Owner.
- 27.2 In case of a fire on premises/workplace, it shall be reported immediately to the Employers Emergency Services, as well as the ICVL Contract Owner for the area (usually the maintenance/production supervisor).
- 27.3 Designated smoking areas are to be used, no smoking in vehicles and buildings.

28. WORKING NEAR WATER

- 28.1 Underwater diving work shall only be carried out on premises/ workplace after a comprehensive risk assessment has been completed and with written permission from the ICVL Contract Owner as well the ICVL Safety Department.
- 28.2 The Contractor shall ensure that no person works alone near rivers, dams and water storage.

- 28.3 The Contractor will never enter, or permit another person to enter, an accumulation of water in the workings of a mine, other than an accumulation known to be insignificant, unless the person is secured by a lifeline or wears a life-belt or life-jacket.
- 28.4 Life saving equipment must be available at all water or fluid accumulations.

29. ERECTION, TESTING AND COMMISSIONING

- 29.1 Adequate safety precautions shall be taken during the erection, testing and commissioning phases of the contract work to prevent any form of danger or injury to persons, (A detailed Risk Assessment is to be completed).
- 29.2 These safety precautions shall include the provision of all necessary temporary and permanent safety fences, guards, barriers, warning signs and audible start-up alarm, to prevent the entry of persons into all areas of contract work which may be unsafe whilst testing and commissioning is being performed.

30. DEMOLITION WORK

30.1 No demolition work shall be carried out on premises/ workplace unless the Contractor's responsible person has received written permission from the ICVL Contract Owner. This permission shall confirm the specific plant/equipment/building to be demolished, the date and time at which the demolition work may commence and the expected period during which the work may be executed.

31. RADIATION SOURCES

- 31.1 No X-ray sources, radioactive isotopes and laser devices of classes 3b and 4 shall be brought onto premises/ workplace without permission in writing from ICVL Contract Owner as well as the ICVL Safety Department.
- 31.2 The application shall be addressed to the ICVL Contract Owner and shall state the purpose of the said equipment (e.g. whether for non-destructive testing or as part of a machine or instrument) together with particulars regarding type, number, description,

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how transported and the name and registered number allocated by the Atomic Energy Corporation to the person responsible for the transportation thereof.

- 31.3 Radioactive material brought onto premises/ workplace by the Contractor shall be stored and handled according to the Mozambique Environmental Act as well as Chapter 12, Article 289 of Mozambique Health and Safety Regulation No 61/2006 of December 26.
- 31.4 It should be noted that no plant /equipment containing X-ray sources, radioactive isotopes and/or laser devices shall be put in operation without obtaining the necessary approval from the ICVL Safety Department.
- 31.5 If any contractor authorized person/s enters the premises/ workplace for this purpose, the Nuclear Energy Act shall be adhered to.
- 31.6 The Contractor's responsible person shall ensure that all his employees are aware of the notices/signs/pictograms used to indicate areas where radiation is present and that such notices/signs/pictograms are adhered to.

32. RAIL TRACKS AND RAIL TRANSPORT

32.1 The Contractor responsible person shall ensure that all legal requirements and HSE requirements as laid down by the Employer relating to rail traffic are strictly adhered to. The premises/ workplace is regarded as a shunting yard with the result that rail traffic has priority at road/rail crossings. Road users shall therefore stop at all road/rail crossings. No rail vehicle (such as a trolley, rail mounted crane, truck or locomotive) of any type shall be operated on any rail track premises/ workplace without approval from the Employer, Rail Transport Department. If approval has been granted for such a vehicle to operate, it shall only operate in the area and under the conditions specified.

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32.2 No vehicles, materials, structures or work may be placed or performed within 3,5m of the centre line, to either side of any railway track. The vertical clearance shall be at least 4,3m inside buildings and 5,1m outside of any buildings.

32.3 No person shall enter, require or permit any other person to enter this rail track clearance area except for the purpose of crossing a rail track at a recognized crossing, unless approval (including the reason for the entry, description of the area and the time permitted), has been obtained from ICVL Contract Owner and the Rail Transport Department. Should any extension of the time allocated be required, approval shall again be obtained.

32.4 Where any work, including excavations or earth work, has to be performed anywhere in the vicinity of a rail track, the contractor shall not commence work until approval has been obtained from ICVL Contract Owner and the Rail Transport Department.

33. HOUSEKEEPING

33.1 Contractors will maintain a high level of housekeeping acceptable to the Employer's standards.

34. PERMITS TO WORK AND ISOLATION & LOCKOUT PROCEDURES

34.1 Isolation & Lockout

- Isolation, lockout and permit to work procedures apply to all work situations identified as hazardous to ensure that it is impossible to inadvertently start any system, plant or equipment so isolated. This include mobile equipment and light vehicles.
- Risks must be assessed when isolation & lockouts take place to ensure that effective controls and safe work procedures are in place.
- Isolation must always be carried out on the main supply and not on the control circuit of equipment.

- This must be done by an approved competent person, and everybody working on the system shall have a personal lock, with all required identification markings, affixed.
- Isolation officers shall be appointed as per ICVL requirements. These appointments and records of training will be available in the Contractors Pack.
- On completion of an isolation/lockout, both mechanical and electrical tests are required to ensure that the isolation is effective.
- If work needs to be performed on live equipment, that would normally be isolated and locked-out, it must be done in accordance with the ICVL requirements.
- All employees required to isolate & lockout or who need to work on isolated & locked-out systems is only allowed to do so after receiving appropriate training.

34.2 Permits to Work

- Work that is complex, irregular and requiring specialist input or work on systems
 with stored energy is potentially hazardous. There is a need for such work to be
 assessed and permitted before being started, i.e. pipe work, hot work, MCC, etc.
- It is imperative to perform a Job Hazard Analysis (JHA) to determine whether a
 permit is required.
- A Permit to Work:
 - Is not transferable from one Applicant to another;
 - Can only be issued by an Authorized Person to a qualified Applicant;
 - Can cover more than one person under certain conditions;
 - Must be reviewed at the end of the Authorizing Person's shift; and
 - Must be available at the place of work;
 - Before cancellation of the permit, the Applicant must inform the Authorized Person that the work is complete. The Authorized Person will then ensure that the area is safe before de-isolation of systems will be allowed.
- All Supervisors who are required to either apply for a Permit to Work or who have to issue a Permit to Work, will only allowed to do so after receiving appropriate training.

35. MACHINES, VEHICLES & DRIVING

- 35.1 Only vehicles with valid permits will be allowed on site. Vehicle permits will be issued by the Employer and will depend on the project. The number of permits for contractors will be strictly limited, and generally will be limited to the Contractors senior personnel and site specific vehicles.
- 35.2 All drivers will complete a defensive driving course adequate for the conditions where they are expected to drive. Proof of training will be made available in the Contractors Pack.

35.3 Driver and Vehicle Licensing and Permits

- Only authorized and licensed drivers who hold a valid ICVL Driving Permit may drive ICVL vehicles or mobile equipment.
- Drivers of all vehicles and units of mobile equipment operating on the property of ICVL must, in case of:
 - Vehicles: Be holders of appropriate drivers' licenses issued by a recognized authority and successful completion of ICVL driver's module.
 - Mobile Units: Be found competent to operate the particular unit type and a certificate issued to that effect.
- Mobile equipment shall at all times be both roadworthy and in the control of competent persons.
- All mobile equipment, incl. LDV's and cranes, should be inspected and approved for use, by an ICVL responsible person, PRIOR to being used on site.
- Certain areas are restricted due to hazardous conditions and may only be entered by authorized drivers.

35.4 Driver Responsibilities and Passengers

- The driver and passengers in the cabin are to wear the seat belts provided at all times when the vehicle is moving.
- The vehicle headlights are to be on at all times when the vehicle is moving, anywhere within the ICVL area of responsibility.

- It is the responsibility of all drivers on ICVL property and within the lease area to report any violation of the traffic rules to the Safety Department or ISOMETRIX.
- Passengers are not to be carried on vehicles that are not designed for this purpose (such as forklift trucks, front-end loaders and mobile cranes).
- Seating arrangements and safety belts are required when transporting passengers in the load bin of bakKieS with the relevant roll over protection.
- No person may be conveyed on top of any load or together with any load that has not been made secure.
- Getting on or off moving vehicles is strictly prohibited.
- The driver must adhere to the indicated speed limits on all sections of road.
- The driver must assess and apply the safest speed and driving method at all times.

35.5 Machine and Vehicle Standards

- All machines and vehicles must comply with the ICVL minimum requirements, this
 includes but is not limited to:
 - Reverse Hooters Installed;
 - Signage and demarcation as per ICVL standards;
 - Installation of hands free two way radio communication in all machines and vehicles;
 - Fleet management system;
 - Reverse cameras on relevant mobile equipment;
 - Roll over protection: and
 - Enquire about the full standards when you tender.

35.6 Road Signs

- All road signs situated on the property and on access roads shall be obeyed by all road users at all times.
- Reckless and negligent driving on ICVL roads is not permitted.
- Stop signs are situated at various points on the ICVL roads, and in all cases STOP shall mean that the vehicle shall come to a STANDSTILL.

 Drivers of vehicles are to comply with any signal given in the interests of safety by any employee or by an authorized person carrying out traffic control duties.

35.7 Rail Tracks

- Extreme caution must be exercised whenever a rail track is to be crossed.
- Tracks may only be crossed at recognized crossings and when it is safe to do so.
- On no account may any person climb between or under linked rail cars.
- No equipment or material shall be placed closer than 2,8 metres from the Centre of any rail track.

35.8 Heavy Mobile Equipment (HME)

In order to avoid these accidents, the following guidelines must be adhered to:

- Remember that HME always has right of way.
- Drivers of light vehicles and pedestrians must always assume that the HME driver cannot see them.
- Always remain at a distance greater than 50 metres from operating HME) when in a light vehicle and establish positive communication.
- Always remain at a distance greater than 30 metres from operating Heavy Mobile
 Equipment (HME) when on foot and establish positive communication.
- Never attempt to get on or off moving HME.

35.9 General

- All loads carried in vehicles shall be within the rated capacity of such a vehicle and must be securely wedged or lashed down.
- No vehicle will be left with the engine running if the driver leaves the vehicle unattended.
- Audible reversing alarm is to be fitted to ensure that people have adequate warning to stand clear.

- Before passing under a power line, the driver of any vehicle must ensure that
 adequate clearance, at least 2m, exists between the vehicle and the line. Should
 any doubt exist, the Main Sub Station should be contacted for guidance.
- Access under vehicles that are only supported by jacks is prohibited. In addition to tressels, suitable and safe chocking arrangements must be in place before moving under such vehicles.
- Where work is being carried out on any road or shoulder, clearly visible red flags (day) and yellow warning lamps (night) shall be placed at both ends of the work in progress, so as to give adequate warning of any danger. Appropriate warning signs shall be placed at the correct distances ahead of the work.
- People working on ICVL roads and access roads shall wear reflective vests, jackets or similar approved garments.
- 35.10 The Employer reserves the right to inspect any equipment, machinery, container, vehicle or person entering and leaving the Premises.
- 35.11 All vehicles and machines will be fitted with a fleet management system capable of monitoring the following:
 - Speed monitoring 24hours
 - Excessive braking
 - Position / movement of equipment Unauthorized / Authorized routes
 - Direction of travel
 - Fatigue breaks monitoring
- 35.12 No unsafe equipment/machinery and/or articles shall be used on the premises of the Employer, and the Contractor warrants that all equipment, machinery and/or articles shall comply with prescribed safety standards.

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35.13 No contractor equipment, machines or mobile machinery, shall be used on the Premises unless prior approval has been obtained by the responsible Engineer, in terms of the contractors' pack.

35.14 No use shall be made of any the Employer's machinery, equipment, articles and or substances without written approval by the Employer, or person authorized on behalf of the Employer to provide this approval.

35.15 In the event that the permission required in the previous clause is granted, the Contractor shall ensure that only those persons authorized to make use of the machinery, equipment, articles and/or substances have access thereto.

35.16 A current maintenance logbook is required for all vehicles, cranes and large plant equipment, and shall be available for inspection at any time by the relevant ICVL Representative. The logbook shall be located in the cabin of the equipment or vehicle.

35.17 The Contractor must ensure that it and all its employees fully understand the lockout procedure for the equipment they have to work on. The Contractor must ensure that no work commences unless the equipment to be worked on has been locked out using the relevant lockout procedure. Lockout procedures are available from the employer representative in charge.

36. TRAFFIC MANAGEMENT PLAN

36.1 The Contractor shall have a traffic management plan for his area of responsibility, the plan will include:

- Pedestrian walk ways and designated road crossings
- Road signs
- Traffic Flow
- Designated Parking areas
- Appropriate speed limits based on risk
- Off loading bays/areas

36.2 All parking areas will be adequately designed and be fundamentally stable.

37. HAZARDOUS SUBSTANCES

- 37.1 The Contractor warrants that it has provided the Employer with a list of all hazardous substances intended for use.
- 37.2 Relevant hazardous substance data sheets must remain in the possession of the Contractor, who must ensure that employees and first aiders have been trained in the use and emergency response requirements of such substance.
- 37.3 The Contractor must ensure that substances are stored and adequately controlled.
- 37.4 In the event that hazardous substances are to be transported on the Premises, the Contractor shall ensure that the relevant legislation is complied with.

37.5 Compressed Air and Gasses

- Compressed air hoses or other gas hoses MAY NOT be used for dusting down clothing or people;
- Hoses must be attached by means of approved clips;
- Approved cages must be used when lifting cylinders by means of hoists or cranes.
- Any connector or cap that may contain or be restraining a compressible substance
 must be secured with an appropriate restraining (Anti-Whiplash) safety chain or wire
 that will prevent the connector or hose flying free and striking someone if
 inadvertently released. An ICVL approved, crimped connector shall be used.

37.6 Compressed Gas Cylinders

- Cylinders containing compressed air or any other gas, whether full or otherwise are to be handled in the correct manner and with care.
- Cylinders being moved from one level to another must be properly secured by means
 of clamps or other safety devices.

- Cylinders (including LP gas and other cylinders having a broad base) are to be secured
 In an upright position when being transported and must be properly secured to avoid bumping and rolling.
- Cylinders, whether in use or not, must always be secured in an upright position by
 Means of a chain or other suitable device and must not be left lying around.
- All gas cylinders are to be stored out of the direct rays of the sun and must be kept away from heat or naked flame.
- Cylinders storage place must be properly labelled

37.7 Oxygen

- Oxygen is piped into certain plants and supervisors are to ensure that all personnel are aware of the hazards and special precautions concerning work on or near to oxygen lines.
- Oil or grease must NEVER be used on any fittings on oxygen lines or regulators.
- OXYGEN IS NOT AIR and may not be used for any other purpose than that for which it
 was intended. Oxygen is very dangerous when compressed, when in contact with oil
 or grease, or if released near a naked flame.

37.8 Fire Suppression Systems (CO2) in Computer Rooms, Control Rooms and Substations

- Before work will be allowed in any computer room or control room or substation, the
 necessary permits must be authorized by the relevant Engineer and isolation
 procedures carried out. All personnel who may enter such rooms must understand the
 emergency and evacuation procedures and relevant training must be completed.
- Before entry to, or working in a computer room or control room or substation fitted with an automatic CO2 deluge system, the system operation must be set in Manual Mode.

37.9 Abrasive Blasting and Spray Painting

• The Contractor, prior to performing any shot or abrasive blasting operations on the site, shall:

- Obtain written permission from the relevant ICVL Representative.
- Consult with the ICVL HSE Representative as to the suitability of proposed blasting site, prescribed times of blasting operations, wind conditions or other considerations.
- The Contractor shall not commence any spray painting operation on the site without the written approval of the relevant ICVL Representative.
- The ICVL HSE Representative may conduct / request an Environmental Impact Audit
 of the Contractors' proposed operation and the Contractor shall comply with any
 direction proposed / recommended.
- Painting work shall be carried out in such a manner that airborne particles of paint are contained on the immediate work area.
- Any damage caused by such paint particles to privately owned vehicles parked or
 passing adjacent to the site shall be the Contractor's responsibility and all cost
 involved in repairing and making good such damage shall be to the Contractor's
 account.

38. CONFINED SPACES

- 38.1 When working in confined spaces, the relevant Codes of Practice and Standard Operating Procedures must be followed.
- 38.2 Any tank, pit, sump, pipe, cavity, pontoon or entry into any enclosed restricted area, which may accumulate gas or be deficient in oxygen, or be liable to engulfment, is to be considered a confined space.
- 38.3 No work is allowed inside confined spaces until:
 - The necessary training has been completed
 - An appropriate risk assessment has been done
 - The relevant SOP's have been followed
 - The required permits have been taken out
 - The relevant stand-by arrangements are in place

- There is adequate ventilation
- There is continuous monitoring of the air quality in the compartment
- There is adequate supervision present
- Adequate rescue arrangements have been made

Note: Petrol, gas and diesel-driven equipment, including pumps, welding and generating sets, is not to be used in confined and inadequately ventilated areas.

39. TOOLS, EQUIPMENT & MACHINERY

39.1 Explosive Powered Tools

- Explosive power-operated stud-driving tools and Hilti guns may only be used when authorised by the relevant ICVL Engineering Manager.
- All safety instructions must be adhered to before an explosive powered tool is used.

39.2 Hand Tools

- Hand tools must be kept in a good state of repair. Defective tools such as mushroomheaded chisels and split hammer handles, etc. are not to be used.
- Sharp tools must never be carried in pockets.

39.3 Welding Machines

 All welding machines used at ICVL should be fitted with appropriate current limiting devices and properly earthed.

39.4 Machinery and Conveyors

- Repairing, adjusting, cleaning or lubrication of machinery in motion may only be undertaken if a person has been authorized to do so.
- Machine guarding may not be removed unless a person has been authorized to do so.
- Loose outer clothing shall not be worn by any worker engaged on or in close proximity to moving machinery.
- Long Hair will be tied up or a hair net will be worn by any worker engaged on or in close proximity to moving machinery.

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40. ELECTRICITY SUPPLY

40.1 The Employer will provide power supply point according to the terms negotiated in each

specific contract.

40.2 Before setting up his temporary electrical system on premises/workplace, the Contractor

shall obtain the Employer's approval for his requirements, from the ICVL Contract Owner.

40.3 The Contractor shall provide all cabling and wiring for temporary power and lighting for

his own requirements, together with all earth points and earth connections required to

eliminate the possibility of danger to personnel from electric shock.

40.4 The Contractor shall take his supply from a take-over point indicated from the Employer

by using a suitable rated, insulated and armoured cable. The armouring of this cable shall

be visibly connected to the earth connection at the Employer's take-over point.

40.5 The Contractor shall route the supply cable from the take-over point to the Contractor's

premises/ workplace via a reasonably protected route, as agreed with the ICVL Contract

Owner, avoiding wherever possible road and rail crossings and flammable material

storage facilities and shall terminate at the contractor's main incoming switch.

40.6 The Contractor shall obtain approval from ICVL Contract Owner to connect and/or

disconnect the supply cable from the take-over point.

40.7 The Contractor's main switch shall supply an appropriate number of feeder switches for

three phase supply to power tools, etc. These switches may be of the CFS or MCB type, at

the discretion of the Contractor, but they shall be adequately rated and have load sensing

and tripping/fusing facilities adequate for the equipment to which they are connected. All

lighting and single-phase hand tool supplies shall be taken via single-phase or three-phase

MCBs and single phase earth leakage units, manufactured to South African Bureau of Standards (30 mA trip value).

- 40.8 The neutral of the supply system shall not be used for safety earth connection under any circumstances.
- 40.9 The contractor shall adhere to the requirements for the installation of arc flash requirements, wiring standards and the identification labels according to the ICVL performance standard.

41. ELECTRICAL APPARATUS

- 41.1 All electrical apparatus will be numbered and registered for inspection and identification purposes.
- 41.2 The control of access to any electrical apparatus shall be by means of colour-coded locks.
- 41.3 All electrical apparatus shall be maintained in a safe working condition at all times.

42. GAS CUTTING & WELDING

- 42.1 Cutting or welding without a work permit is only permitted in workshops on site. In all other cases, the need for a work permit should be checked with the Supervisor concerned before undertaking cutting and welding outside workshops.
- 42.2 When electric arc welding, the earth lead must be attached directly to the work-piece itself. Under no circumstances will bridges or jumpers across to adjacent steelwork be permitted.
- 42.3 All welding equipment such as leads, electrode holders and clamps must be kept in good condition. Regular open-circuit voltage checks are to be carried out.
- 42.4 The correct precautions are to be observed when welding inside closed vessels, especially in wet conditions.

- 42.5 When welding, a welder must wear a welder's helmet, spats, welding gloves, welding apron and full length overalls.
- 42.6 Where there is the chance of persons in the vicinity being affected by welding rays, warning signs are to be displayed and, if practical, welding curtains should be utilized.
- 42.7 All welding machines used at ICVL are to be of an approved type, which reduces the voltage to less than 35 volts within 1 second of the interruption of welding.
- 42.8 Prior to oxy-acetylene cutting and welding taking place, the worker concerned must ensure that the correct flashback arrestors are fitted to both the torch and gauge connections.
- 42.9 Oxygen and acetylene cylinders must always be individually chained and stored in an upright position.

43. LIFTING & RIGGING

- 43.1 Cranes and Hoists
 - Crane drivers shall undergo regular medical examinations.
 - Should a crane driver be suffering from any disorder or emotional strain (even of a temporary nature), which might make operation of the crane dangerous, the matter is to be reported immediately to the crane driver's immediate Supervisor.
 - Cab and pendant operated cranes of all types are only to be operated by formally trained and authorised personnel.
 - Crane drivers may only take signals from the person who is supervising the lift and will act only on clearly visible hand signals in the accepted code.
 - The approved lifting capacity of all cranes and hoists must be prominently displayed inside the cab, on or adjacent to the hoist.
 - The rated capacity of the crane hoist shall not be exceeded.
 - Crane drivers must avoid carrying loads over personnel and must use the warning bell or other signal, where provided, to clear persons out of the path of intended travel.

- People should never stand between a suspended crane load and any object onto which they could be pushed by the load.
- No person shall board or leave the cab of a travelling crane until it is stationary at the boarding platform, except in the case of an emergency, when the greatest care shall be exercised to avoid falling, and contact with electrical conductors.
- Climbing along crane rails is prohibited except by authorized competent persons during breakdowns, or inspections and then only if all necessary precautions have been taken and permits issued.
- No crane shall be left unattended by its driver unless the power has been switched off
 by means of the switch provided and the key removed and the crane is properly
 isolated.
- Crane drivers shall be on the alert for mechanical or electrical deficiencies and shall report any such deficiencies immediately.
- Cranes on which safety devices have become inoperative or which are defective or on which a buffer is missing, must be withdrawn from service until the necessary repairs have been affected.
- Safe working loads, as determined by a competent person, should be noted on all crawl beams.

43.2 Rigging

- Only competent riggers shall perform any rigging and lifting operation.
- The maximum permissible working load on any hook, sling, chain or rope used for the lifting of loads shall not be exceeded.
- As far as possible, loads must be carried at waist height. When suspended loads are being moved by mobile cranes, suitable taglines must be attached to the load to prevent the people guiding the load from coming in contact with the load, or being trapped between the load and any other items/projections.

43.3 Lifting Equipment

- Any fault on, or damage to lifting equipment must be reported. Such equipment must
 not be used and must be locked out and tagged until it has been repaired. Ropes and
 slings, which have been damaged or exposed to the weather or an acidic atmosphere
 must NOT be used under any circumstances and must be destroyed.
- No person shall attach any rope, sling or chain to any load unless it is so attached:
- As to avoid unnecessary and dangerous stresses;
- That accidental disconnection cannot take place;
- That the load remains secure during lifting or transportation and its stability is maintained.

43.4 Jacking Operations

 In all jacking operations, suitable chocks or other appropriate safety devices are to be used as alternate supports under the load.

43.5 Hooks, Slings, Chains and Ropes

- A rigger must inspect hooks, slings and chains at monthly intervals and a register is to be kept of these inspections. This equipment will not be used unless this inspection has been done.
- Hooks, slings, chains, ropes or attachments that are defective or damaged in any way
 may not be used. The defective piece of equipment must be taken out of service and a
 report made by the relevant Supervisor.
- ICVL Colour coding must be adopted on site.
- No sling is to be used without a valid test mark.
- Ropes are to be reeled out correctly and kinks are to be removed prior to use.
- Ropes and slings should be suitably protected against damage from sharp edges.
- The mass of any load must be assessed in the appropriate manner before selecting slings and lifting equipment which must have a safety factor of more than 5 times.
- The load to be lifted must be level and stable at all times before, during and after the lift.

43.6 Manual Lifting and Handling Heavy Objects

- Inspect the route and remove all tripping hazards.
- Any handling or lifting task that can only be done manually, must be planned and rehearsed before the task is done.
- If more than one person is involved in a task, a communication procedure must be agreed in advance.
- Lowering the load must be done in a controlled manner. Dropping a load is dangerous and must be avoided.
- No one should ever attempt to lift anything beyond their capacity. If in doubt, get help.
- Where mechanical lifting aids are provided, they should be used.
- Extra care should be taken when lifting awkwardly shaped objects.
- Hand protection and arm protection where appropriate, should always be used, particularly when lifting rough loads, or loads with sharp edges or projections.

44. WORKING AT HEIGHT

- 44.1 The following minimum, approved equipment must be provided:
 - 1,5T Tirfors, shackles, slings and Crosby clamps for Lifelines. (To be erected by competent Rigger.) / Edge protection / Fall Arrests / Double Lanyards to attach to harness.
 - Full body type harness with shock absorber and double lanyards for all elevated work.
 Belt type harness or single lanyard will not be permitted.
 - All tools in elevated positions, which are not used while working on a safe work
 platform, must be attached to lanyards, attached to person or structure or otherwise
 effectively prevented from falling.
 - Equipment which is not protected by a safe work platform, in elevated positions, must be tied back to the structure or secured in such a manner that it does not fall.
 - No loose items in elevated positions e.g. Bolts, nuts, welding rods and stubs to be kept in tins or similar robust containers (No paper boxes or plastic bags will be allowed) even if used from a safe work platform.

- Competent riggers to place lifelines on register and check it every time before use and on scheduled intervals if not in use and findings recorded in the register.
- Person must attach safety harness above his head to minimise falling distance.

44.2 Scaffolds

- Scaffolding must be constructed and erected according to ICVL standards, and only
 by the ICVL approved contractor. Only competent persons may be appointed to
 supervise and control the erecting and dismantling of scaffolding.
- No work will be permitted on scaffolding until the competent scaffolding Supervisor concerned has inspected and approved it, and only once accepted by the supervisor that is going to use the scaffolding.
- A tag indicating that scaffolding is safe to use, must be attached to each scaffold by the specialist scaffolder and should the scaffold become unsafe to use, the tag must be removed. Do not climb on scaffolding that is not suitably tagged.
- All workers that work at heights must be trainer and proofed competent to do so.

44.3 Ladders

- All ladders must be fitted with non-skid safety pads. Before mounting a ladder, it must
 be secured either by lashing at the top to a permanent fixture, or by having it
 supported by a fellow worker.
- Extension sections of ladders must be securely locked in position before use.
- The use of boxes, drums, etc. as an alternative to ladders, scaffolds, working platforms or access platforms is not permitted.
- Only wooden ladders or ladders constructed of non-conductive material may be used when working on live electrical apparatus.

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44.4 Dropping of Materials

• No materials of any kind may be thrown or dropped from an elevated position.

• When work is in progress overhead, the area below the place of work shall, where

possible, be suitably roped off and a warning notice displayed.

Where necessary, safety nets will be installed to prevent the dropping of material to

lower levels.

Equipment or material shall be properly secured to ensure it cannot fall on people

below. Tools should be attached to hands by a lanyard or carried in specially designed

tool carriers.

45. EXCAVATIONS

45.1 No work will be allowed in excavations unless the relevant procedures concerning shoring,

bracing and removal of spoil in that excavation are adhered to. If in doubt refer to your

immediate supervisor before commencing work.

45.2 No person may enter an excavation, which is being dug by mechanical means when the

mechanical excavator is at work.

45.3 No excavation in a roadway, railway, aisle or path may be left unsupervised without an

adequate warning and barricade.

45.4 Barricading must always be constructed of substantial material. Danger/Hazard tape by

itself is inadequate.

46. ENVIRONMENT COMMITMENT AND POLICY

46.1 The Contractor shall take appropriate actions to protect air, water, animal and plant life

from adverse effects of the Contractor's activities, and to minimize any nuisance which

may arise from such constructions or operations, in accordance with all applicable laws

and, where applicable, the Environmental Requirements.

- 46.2 The Contractor shall ensure that the Contractor's and Sub-Contractor's personnel are briefed and understand ICVL's policy on environmental protection, and that such personnel shall act accordingly.
- 46.3 The Contractor shall adhere to existing statutory regulations concerning environmental damage.
- 46.4 The Contractor acknowledges its environmental obligations in relation to the construction and operation under all Environmental Requirements and warrants that the Contract Price incorporates all costs and expenses associated with complying with such obligations.
- 46.5 The Contractor shall ensure that the Works on the Site are left in a condition that complies with all environmental laws, requirements of any authorities having jurisdiction in relation to matters concerning the environment or the Site, and the Environmental Requirements.

47. WASTE DISPOSAL AND SPILLAGE

- 47.1 The Contractor shall take precautions to prevent contamination of the environment from their activities.
- 47.2 The Contractor shall be responsible for ensuring that the handling, storage, treatment, transportation, and disposal of waste is executed in an environmentally acceptable manner and is in accordance with all applicable legislation and any additional ICVL requirements
- 47.3 The Contractor shall be responsible for obtaining, preparing and maintaining waste permits and manifests for transporting and disposing of wastes generated by the Contractor. All procedures must meet with ICVL's approval.
- 47.4 The Contractor shall be responsible for providing and maintaining spill control and cleanup equipment according to legal and best environmental practices requirements.

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48. NOISE AND VIBRATION

48.1 The Contractor shall conform to the provisions of the statutory regulations of the Government Instrumentalities relating to noise control during construction, with particular reference to piling, drilling, blasting, abrasive blasting, excavation and earth moving plant, compressors and pumps, fabrication areas, workshops, concrete aggregate batching and mixing plants and all other construction equipment, including vehicles.

48.2 The Contractor shall comply with all provisions of the Specification relating to noise and vibration control when carrying out activities that cause noise and vibration, including compaction and blasting.

48.3 The Contractor shall take all reasonable steps, to the satisfaction of ICVL's Representative, to minimize vibration, shock and noise arising from activities.

49. AIR POLLUTION

49.1 Without derogating from the Contractor's responsibilities as set out in this Contract, the Contractor shall comply with the statutory requirements of Government an ICVL Instrumentalities concerning air pollution.

49.2 The Contractor shall ensure that all construction facilities erected on the Site of the Works by the Contractor or any Sub-Contractors are designed and operated to prevent the emission of smoke, dust, cement dust and other toxic or objectionable matter into the atmosphere.

49.3 Without derogation from the Contractor's responsibilities as set out in this Contract, the Contractor shall take all proper precautions to minimize any nuisance arising from dust caused by construction activities. Such precautions may include, but shall not be limited to, spraying roads with water or other suitable liquids and the removal of mud or water materials spilt onto roads by construction equipment.

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50. SPILLS AND DISCHARGES

50.1 The Contractor shall take all the proper precautions to minimize the impact of discharge

of water containing any matter in solution or suspension which may damage the

environment, including, without limitation, visible suspended matter into waterways and

adjacent to the Site.

50.2 The Contractor shall take all precautions necessary to prevent the discharge into

waterways of any oils or similar materials or of any foaming or non-biodegradable

detergents. All plant and equipment maintenance must be carried out in a suitably

contained area, the draining from which shall be provided with approved oil separation

traps before discharge into any waterway. The Contractor shall be responsible for regular

removal of deleterious matter from such traps and its disposal by approved methods.

50.3 All oil or fuel spilt or leaking from any item of plant or equipment shall be cleaned up

immediately. If necessary by excavation and then removed to an approved disposal area.

If oils or any materials as a result of the Contractor's failure to comply with the

requirements of this Clause contaminate any waterway, the Contractor shall, at the

Contractor's expense, comply with all directions given by any relevant Government

Instrumentality to clean up the contaminated areas and to prevent any further

contamination.

50.4 Contractor is financially responsible for contaminated soil or water treatment, as well as

for the weekly sample collections and testing. Results should be submitted to ICVL

Environmental Department and Contractor Manager.

51. WASTE MANAGEMENT

51.1 The Contractor shall provide sufficient segregated disposal bins for collection of waste and

ensure that all such bins are emptied on a regular basis to prevent overfilling.

51.2 Waste bins type and colour, as well as related poster, must comply with company

guidelines.

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51.3 The Contractor shall be responsible for the waste management, including removal, of his activities; only companies legally approved by Government may be used for waste removal and waste disposal certificates must be obtained.

51.4 Suitable collection equipment shall be provided for the collection of flammable waste, and of any hazardous substances shall be disposed of in accordance with statutory requirements. All waste shall be disposed of in accordance with the requirements of any

statutory bodies.

51.5 Proof of the certificate of competency and the Environmental Management Plan for waste management shall be submitted to ICVL Environmental Department and ICVL Contractor Manager.

51.6 Weekly information on waste production shall be submitted to ICVL Environmental Department.

52. INCIDENT REPORTING AND INVESTIGATION

52.1 The Contractor shall report all accidents, incidents, health threatening occurrences and SPIs to the Employer immediately on which the accidents, incidents, health threatening occurrences or SPI occurred. The Employer shall further be provided with copies of any written documentation relating to any accidents, incidents, health threatening occurrences or SPI. This will include all environmental incidents and non-conformances as per the employer's standards.

52.2 It is the duty of the contractor's responsible person to ensure that all incidents and near misses on premises/ workplace are reported immediately to ICVL HSE Department and ICVL Contract Owner and captured in ISOMETRIX.

52.3 The incident or accident site may not be disturbed and must be secured immediately until the investigation has been completed. All persons must be removed from danger.

52.4 The Contractor's responsible person together with the ICVL HSE Department and ICVL Contractor Manager will complete an incident investigation and report within the allocated timeframe.

53. HYGIENE AND EATING FACILITIES

- 53.1 Toilets must be made available for employees on site, which should be one toilet for every 25 persons.
- 53.2 The facilities will be kept clean and odorless at all times.
- 53.3 Adequate facilities must be provided apart from the workplace where employees can eat lunch.
- 53.4 Proof of the certificate of competency and the Environmental Management Plan for waste management shall be submitted to ICVL Environmental Department and ICVL Contractor Manager.

54. FIRST AID

- 54.1 In terms of Mozambique Legislation, Article 265 of Regulation 61 of 2006, the Contractor shall ensure that each shift has at least two first-aiders with a valid certificate of competency in first level first aid, which has been issued by a recognized Association.
- 54.2 Proof of the certificate of competency of the first-aider/s shall be kept on premises/ workplace.
- 54.3 Any person feeling discomfort or illness at work must report to their Supervisor who will refer them to the ICVL Clinic for further assistance.
- 54.4 Any person who is ill or suffering from an ailment must consult their doctor before reporting for work.

- 54.5 The first aid register will be maintained on ISOMETRIX and the person's name will be displayed at each site.
- 54.6 The contractor shall have a first-aid box on premises/ workplace at all times with the necessary notices/signs/pictograms indicating the location of the first-aid box as well as the first-aider/s name and telephone number. All machines and light vehicles will have a first aid box installed on the machine. A register of all first aid boxes and monthly inspections will be available to ICVL Management on request.
- 54.7 The contractor's first-aid box shall include an inventory based on risk and shall be maintained in accordance with the inventory. The contractor shall also ensure that all medicine, emergency and first aid equipment is provided as outlined in the Regulation.
- 54.8 When a first aid box is opened it must be reported to the ICVL Safety Department and the contractor's first-aid box must be refilled immediately. This can be done at the ICVL Clinic at a cost.

55. MEDICAL TREATMENT AND AMBULANCE SERVICE

- 55.1 Should a person sustain an injury on premises/ workplace, the Contractor shall make use of the Medical Station for emergency treatment. The emergency team and casualty personnel will attend to injuries beyond the scope of the first-aider. The contractor, however, shall be responsible for all costs incurred.
- 55.2 If medical evacuation is required the Contractor Company will be responsible for the cost incurred if no health insurance is available.

56. EMERGENCY PLAN

56.1 A copy of the Employer's Emergency Preparedness Procedure and Emergency Telephone numbers must be available on the Contractor Site.

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56.2 All contractor employees shall be aware of the latest Employer's emergency

plans/procedures.

56.3 The contractor and the contractor's employees shall abide to the Employer's emergency

plans/procedures.

Note: In the event of an emergency being declared, it is essential that the contractor's employees

do not leave the premises/ workplace until they have been checked off the register of the premises

they are working in, so as to avoid unnecessary exposure to risk of the emergency situation. Each

member of the working party must know the correct egress from their place of work as well as the

relevant assembly point.

56.4 The Contractor manager is responsible to ensure quarterly emergency drills are conducted

in his area of responsibility.

57. INDEMNITY BY CONTRACTOR

57.1 The Contractor warrants that it shall not endanger the Safety, Health of the employees or

the Environment in any way whilst performing any work on the premises.

57.2 The Contractor hereby indemnifies The Employer, it's agents, representatives and

employees of all claims or levies of whatsoever nature arising out of loss, damage or

injury to persons or property resulting from the carrying out of the contract by the

Contractor or any subcontractors, servants or agents save where such loss, damage or

injury is caused by any negligent act or omission of The Employer, it's agents,

representatives or employees.

SIGNED ATON THISDAY OF20......

I am aware of my HSE responsibilities with regard to the Scope of Work relating to this

Agreement and will endeavour to adhere to the standards set by ICVL the Operations and

any relevant legislation, standards and best practices.

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He being duly authorised thereto:	
NAME OF CONTRACTOR MANAGER:	
SIGNED BY CONTRACTORS'S CONTRACTOR MANAGER	DATE