

MGM GRAND DETROIT CASINO PROJECT

Project Safety Manual

OCIP Construction Safety and Health Guidelines
Owner Controlled Insurance Program (OCIP)

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POLICY STATEMENT

It shall be the responsibility of each Contractor/Subcontractor to abide by the Safety and Health Provisions listed in the 29CFR1926 OSHA Construction Safety Standard. In ADDITION, each Contractor/Subcontractor shall abide by the MGM GRAND DETROIT Construction Safety Guidelines, Federal/State Regulations, local and county laws and regulations that are applicable.

DEFINITIONS

OCIP Team – Means the Owner (MGM GRAND DETROIT), Willis/ Lewis Thompson and all applicable insurance carrier representatives or the representative of defined such agencies and firms working together to implement the OCIP insurance program.

Construction Managers – Means the MGM GRAND DETROIT Development Group that provides the overall control of the construction at the project.

Project Manager - TRE' Builders, has direct contract with the Construction Managers and contracts to be in charge of a building project usually involving the use of subcontractors and/or prime contractor.

Subcontractor – Means the Contractor and or Contractors that carry contracts with the Project Manager or Prime Contractor. Subcontractors bid portions of the scope of work to be completed.

Sub-tier Contractors – Means any Subcontractors of a Subcontractors working or contracted to do work on the project.

Project Site Definition

MGM GRAND DETROIT, Casino Project and any adjacent MGM GRAND DETROIT property-Detroit, Michigan

PREFACE

From the inception of the Project there has been a determination and commitment to provide a safe environment for all workers and for the public from hazards associated with the construction of the Project.

All Contractors shall implement measures that will create safety awareness, promote safe work practices at the job site and pursue the contract objectives in the safest possible manner. Each Contractor shall bear sole and exclusive responsibility for safety in all phases of their work. Nothing contained herein shall relieve such responsibility.

The primary goal established for the Project is to safely construct the Project with "ZERO ACCIDENTS"; totally free from lost time injuries for the mutual benefit of the worker, environment, and community.

The safety goals and objectives established for the Project can only be achieved when everyone commits to perform their tasks safely and efficiently. This commitment to achieve these goals will result in both increased productivity and the PREVENTION of job related injuries and illnesses. This will be considered as safe production.

Contractors are required to develop their own written site-specific safety and health plans for the Casino OCIP Project and submit it to the Project Manager. At minimum, the safety and health plan shall meet the requirements of 29CFR1926 – Michigan OSHA Construction Regulations, Federal / State and local requirements and the MGM GRAND DETROIT Construction Safety Guidelines MGM GRAND DETROIT bears no responsibility for either the quality of such plans or their enforcement. In short, as required by law, each Contractor is responsible for protecting the health and safety of its employees while ensuring they have a safe and healthful place to work.

Contractors and/or Subcontractors will be monitored for implementation and application of their respective safety plans at the work site. Members of the OCIP Team will have the authority to stop work when either site conditions and/or work practices present an imminent danger until those conditions and/or practices are corrected. The contractor/subcontractor will be notified of any non-compliance and corrective action required. This notice, when delivered to the contractor/subcontractor or their representative at the site of the work, shall be deemed sufficient notice of non-compliance and corrective action required. After receiving the notice, the contractor/subcontractor shall immediately take corrective action. If the contractor/subcontractor fails or refuses to take corrective action promptly, a stop work order may be issued. If corrective measures are not taken immediately no part of the time lost due to any such stop work order shall be made the subject of a claim for extension of time or increased costs by the Contractor or Subcontractor. Members of the OCIP Team shall not be liable for any damages experienced by the Contractor or Subcontractor due to the work stoppage. Progress payments may also cease until the Contractor and/or its Subcontractor is in full compliance with all applicable safety and health rules, standards and regulations.

Each Contractor shall be held responsible for all its lower-tier Subcontractor's compliance with

the project safety requirements.

Each Contractor and its Subcontractor(s) shall establish and enforce an effective disciplinary program. Contractors are required to discipline and/or dismiss employees who violate established rules and regulations. This includes immediate termination from the project for serious violations, repeated violations, or the refusal to follow safety and health rules.

OCIP Team members shall have the authority to effectively remove from the site, any person (employees including supervisors and management of any contractor) who is regarded as a frequent violator of safe work practices, or who fails to ensure persons working under their supervision or in a work place they control are not exposed to serious work hazards. Any Competent Person assigned to identify existing and predictable hazards and authorized to eliminate them, that fail to perform this duty for any reason shall be replaced by the employer.

The Contractor shall not receive additional payment or reimbursement for safety items and procedures, which have been identified as required by the Project Safety and Health Guidelines.

Failure to comply with the contract safety requirements will be considered as non-compliance with the contract and may result in remedial action including withholding of progress payments due the Contractor and/or termination of the Contractor from the site. A letter of non-compliance will be issued to the contractor / subcontractor as a written notice.

In the event the work or any portion thereof is shut down by either an outside agency or because of an unsafe condition as determined by MGM GRAND DETROIT and/or the OCIP Team the responsible Contractor shall bear the total cost caused by that shut down.

In no case shall the Contractor/Subcontractor be relieved of overall responsibility for compliance with the requirements of federal, state, local safety and health laws and project safety guidelines for all work to be performed under the contract.

INTRODUCTION

Construction Safety and Health Guidelines, Purpose and Scope

These guidelines are established to aid in the prevention of job-related accidents and health problems during the construction of the Casino Project OCIP. These guidelines set forth elements which all Contractors and Subcontractors of every tier must include in their safety plan. This manual is not all-inclusive. Other elements may be added, or conveyed individually to Contractors to whom they expressly apply. There are other essentials which some Contractors, by nature of the specific type of work being performed, must integrate within their own safety plan.

These guidelines set forth the basic rules and regulations for all personnel involved in the construction of the Project. The intent of these guidelines is to enhance and supplement the safety and health standards, which are required by law, in contract documents, and are applicable to the construction projects for which it is applied. These guidelines do not cover the full spectrum of published safety and health standards mandated by law, and Contractors shall not assume that they are responsible only for those which are referenced in this manual, nor that they are current and quoted as published. It is the responsibility of the Contractor and its employees to ensure that they are in compliance and their safety plan is in compliance with all safety regulations required by law.

In the event of a conflict between the provisions of these guidelines and applicable local, State or Federal safety and health laws, regulations and/or standards, contract documents or the Contractor's Safety Plan the more stringent shall apply.

RESPONSIBILITIES

General

Each participant involved in the construction of the Project is individually responsible for conducting their activities to ensure compliance with all applicable safety and health requirements. Construction activities of the Contractor and Subcontractors can be monitored for compliance with Federal, State and local safety and health regulations and contract safety and health requirements.

Contractors

The Contractor is responsible for the safety and health of employees, subcontractors, visitors, and vendors in accordance with State, Local and Federal regulations, and the Contract Documents. Each Contractor is required to establish a written Safety and Health Plan which includes details commensurate with the work to be performed. The Contractor's Safety and Health Plan must clearly describe the contractor's commitments for meeting its obligations to provide a safe and healthful work environment for its employees and subcontractor employees, to protect vendors, visitors, and members of the general public. The Contractor's Safety and Health Plan shall reference Federal - Michigan OSHA standards, and any other rules or regulations applicable to construction activities.

Each Contractor/ Subcontractor is required to designate an on-site Safety Representative who is charged with responsibility of on-site safety management. At minimum the safety representative shall meet the requirements of a "competent person" as defined by OSHA for all phases of construction, have a minimum of three (3) years construction safety experience and hold a current OSHA 500 course card. The safety representative shall remain on the Project until contract acceptance (full-term of contract). The Safety Representative must be accessible to be contacted by members of the OCIP Team during the normal work hours of the project.

Each Contractor / Subcontractor with 50 or more employees must have a full time on-site safety representative, including but not limited too, all Contractors / Subcontractors with 300 plus employees will be required to have 2 full time safety and 3 for 600 plus employees. All shifts / working hours must be covered by a company (Contractor / Subcontractor) safety representative as per NRS 616B.

Each Contractor / Subcontractor is required to participate in the "First Responder Program" when requested by the MGM GRAND DETROIT as part of the project Emergency Evacuation Plan. Also, each contractor/subcontractor must have at least one employee with (current) first aid CPR training within 4 minutes of their work areas

Each Contractor / Subcontractor participation in the First Responder Team will be based on;

- 1. Size of the contractor project activity and area of coverage needed (location).
- 2. Number of working employees on site.
- 3. Personnel / equipment needs for first aid, emergency rescue and evacuation procedures.

It is expected that potential safety hazards found to exist on the job will be promptly corrected through informal communications between the Safety representatives and contractors involved. Despite these informal procedures, it should be clearly understood that formal communication is maintained between the Subcontractor and the Project Manager. Such formal communications are necessary to provide follow-up action on the part of the subcontractor and to prevent misunderstandings.

As a condition of this contract, a safety committee shall be established following the guidelines as outlined in Appendix - J. The Project Manager is responsible for the implementation of monthly meetings and the record keeping of the minutes of this committee. All records and documents developed by or presented to this committee will be maintained by the Project Manager minimally for three years. The purpose of this committee is to ensure the overall project safety objectives are achieved as delineated in this Safety and Health Manual.

As a condition of their contract, all Contractors/Subcontractors shall submit to the Project Manager and have available on site for review for MGM GRAND DETROIT representatives:

- > A site-specific safety plan within fifteen (15) days after receipt of Notification of Contract Award
- The name and qualifications (resume) of dedicated on-site safety person;
- Copies of all weekly Tool Box meetings;
- > Job Safety Analysis (JSA's) or Safety Action Plans shall be available for review prior to work

activity;

- > A list of Hazardous Substances brought to the site, and updated as changes occur.
- > Employee orientation log
- A copy of the monthly report of safety statistics, (delivered by the sixth of each month See Appendix G, "Contractor Monthly Report of Safety Statistics"). Along with a copy of the OSHA 300 log as per Michigan OSHA.
- An immediate copy of all citations and/or warning of safety violations received from any state or federal jurisdiction, agency, insurance company, or by any of its sub-tier contractor organizations.

The Contractor will:

- Ensure that all employees, Subcontractors and their employees are given a comprehensive Safety and Health orientation. This orientation shall be presented in a language the employee/s understand and include general Safety and Health procedures and policies as well as the project specific rules and specific hazards. Employees will be advised that disregard for these rules, or any other applicable Safety and Health regulations shall be subject to company disciplinary action and/or removal from the project. A Knowledge review/check for Safety must be completed by each employee following the orientation. (See Appendix A). Completed tests must be available for review during audits and maintained on file for minimally three years.
- Investigate accidents and incidents that result in personal injury or illness, or damage to buildings or equipment.
- > Conduct daily job inspections, identify unsafe conditions or work practices and assure they are corrected, and maintain documentation.
- > Conduct weekly, documented, safety meetings with Contractor supervisory personnel.
- Assure that employees acting in a supervisory capacity understand and enforce all safe work practices. Foreman and above are required to have attended an OSHA 10-hour construction hazard recognition course within 3 years prior to directing work on the project. Documentation must be made available for review.
- Assure a qualified Competent Person is provided at work locations where required by OSHA. The Safety Representative is not to be used to fulfill this requirement.
- > Assure that all Personal Protective Equipment (PPE) is available and being used as required.
- Assure all construction equipment and motor vehicles certification, inspection, repair and controls are in compliance with the safety requirements of the project and OSHA. Annual crane inspection certification must be submitted on all cranes arriving on the project.
- Prior to making critical crane lifts, detailed lift plans must be submitted. (See Appendix C, "Critical Lift Checklist")
- Assure that all hand and power tools are in safe working order.
- Assure that all work areas are kept clear of debris and trash and that adequate trash barrels are placed throughout the work area and emptied frequently.
- Provide the appropriate number and types of sanitary facilities for employees.
- Assure that fall protection equipment is provided and used. Inspections of this equipment shall be documented and on file for review. The proper use of safety devices will be strictly enforced.
- Assure that all perimeter cables, barricades, or any other safety-related items are installed correctly and maintained. If another Contractor must remove a safety item, coordinate

this activity with the Contractor who installed the device and other Contractors who may be exposed.

Safety devices shall be replaced by the Contractor removing them. Warning signs, tags, or barricades will be installed if other safety devices are removed.

Assure that employees receive adequate training as required by the Project and OSHA. Additional training for foreman and safety representative may be required based on unique hazards involved in a task.

Workplace Substance Abuse Policy (MUST Agreement)

The contractor/subcontractor will submit as a part of their overall Safety and Health Plan a copy of their company Workplace Substance Abuse policy. This policy shall at minimum comply with Appendix D, "Substance Abuse".

The Contractor shall ensure that all subcontractors and lower tier contractors are in compliance. The Contractor shall submit, to The Casino Project OCIP, a monthly-notarized letter stating they and their subcontractors are in compliance with the Project's Substance Abuse Policy. A log sheet of employee names and dates tested shall be included. At a minimum pre-project and post accident testing is required. Only post accident tests will be paid for by the Owners Representative (MGM GRAND DETROIT and/or the OCIP Workers Compensation Carrier – ACE) this will insure the results getting to the OCIP Workers Compensation Carrier claim representative for the purpose of adjudication. All tests will be performed in accordance with the Local Drug Testing Act and Appendix D, "Substance Abuse"

SITE SECURITY

The Project Manager is responsible for managing crime prevention activities. They will be working direct with MGM Grand Detroit and the Detroit Police Department on planning, as well as responsible for the all elements of site security.

A site security plan is in place and business neighbors have been asked to assist with crime prevention efforts. Security begins with the entire site perimeter being fenced. Perimeter fencing is 8' tall and free from obstructions. Fence posts are set in stable ground. There will be three entrance / exits to the site; one for employee entrance, one for project trailer access and one for truck traffic. The site entrances are monitored by contract security personnel. There is no video surveillance on the job site.

Special consideration has been given to securing areas that contain hazardous materials. Contractor's company equipment and tools should be clearly marked with identifying characteristics. Contractor's company equipment must be locked and disabled overnight and on the weekends.

There is sufficient lighting to illuminate critical areas of the site including office trailers and storage facilities. Light power sources are well protected.

Some contractor parking will be located inside of the job site at a point when the parking deck is completed. Arrangements are being made for off site parking until the garage is completed.

Amended 10/24/05

All contractors' employees understand the OCIP policies regarding criminal activity and will be asked to assist in crime prevention efforts.

INSTRUCTION AND TRAINING

Safety Orientation Program (on-site)

Newly employed, promoted, and/or transferred personnel shall receive an orientation regarding the general safety and health rules and regulations as well as the site specific policies and hazards. The Contractor is responsible for the orientation of his employees, Subcontractors, and visitors. Documentation of this orientation shall be available to The MGM GRAND DETROIT Casino Project OCIP or designee. Contractors and Subcontractors of every tier must maintain training records for a minimum of 3 years. Hard hat stickers and/or badges are to be issued to an employee following his/her orientation, and then documented on training Log Sheet. Only personnel who have passed the initial drug screening, safety orientation and OCIP enrollment shall receive hard hat stickers and/or security badges. Safety orientation of all personnel will include at a minimum the following topics:

- Unique Hazards of the Project
- Employer/Personnel Responsibilities under OSHA Standards location of required posters
- > Personal Protective Equipment including 100% safety glasses and 100% hard hat protection
- Confined Space Entry
- ➤ 6-Foot Fall Rule 100% continuous fall protection (including steel erection and scaffold erection and dismantling)
- Floor and Wall Openings
- Perimeter Guarding
- Housekeeping
- > Fire Protection
- Accident Reporting Procedures First-aid Facilities Emergency Procedures
- Crane Requirements
- Scaffolding Tagging Requirements
- Hazard Communication/ Right-to-Know, location of MSDS's
- Substance Abuse Policy
- Incentives
- Disciplinary Procedures
- > Trenching/Excavation
- > Electrical Hazards

PROTECTION OF THE PUBLIC

All necessary precautions to prevent injury to the public or damage to property of others shall be taken. The "Public" is defined as all persons not employed by or under contractor or subcontractor to MGM GRAND DETROIT or the Casino Project OCIP. Installation of temporary barriers and/or fencing designated to protect the Public shall be reviewed by the Construction Manager. Precautions shall include but not be limited to the following:

1. Work shall not be performed in any area occupied by the Public unless specifically permitted according to the terms of the contract or in writing by The Casino Project OCIP.

- 2. When necessary to maintain public use of work areas involving vehicular roadways, etc., the contractor shall protect the Public in accordance with the applicable regulations.
- 3. Appropriate warnings, signs and instructional safety signs shall be conspicuously posted where necessary. In addition, a signal person shall control the moving of motorized equipment in areas where the public might be endangered. All signage warnings and traffic control shall comply with the particular agency that takes judicial precedence.
 - Required signs and symbols shall be visible at all times when work is being performed and shall be removed or covered promptly when the hazards no longer exist.

Group Tours and Site Visitors

It is particularly important that a high degree of protection be afforded to all persons on the authorized tours of construction work-sites. The following instructions shall be complied with, as applicable, by the Contractor and those responsible for arranging such tours. The following procedures shall be followed:

- a) Group tours must be cleared through the site MGM GRAND DETROIT office, allowing maximum advance notice.
- b) If visitors to the site will be on foot or out of the vehicle/bus, the individual or organization requesting the tour will ensure that:
 - Tour groups will be limited to no more than (25) twenty-five persons.
 - All visitors must sign in and have a clear understanding of any hazardous situations and the safety precautions / regulations applicable to the area to be toured.
 - Visitors will be required to wear appropriate protective equipment, clothing and shoes.
 - Children under 18 years of age will not be permitted on Project tours.
 - All visitors shall comply with Contractor safety requirements.
 - MGM GRAND DETROIT or designee personnel will escort Tours.

REPORTING, ACCIDENT INVESTIGATION, AND RECORDKEEPING

Reporting

CLAIMS REPORTING

Any injury to an employee, other employees, third party and / or property damage must be reported immediately to the OCIP Administrator as outlined in the OCIP Insurance Manual.

The Contractor/Subcontractor shall also complete a Supervisor's Report of Accident / Injury Form (See Appendix E) and submit the report to the Project Safety Coordinator with in 24 hours:

- 1. Any injury to a worker of the contractor or any subcontractor.
- 2. Any injury to persons not directly connected with the project (including any alleged injuries reported by a member of the general public).

Submittal shall be made with in 24 hours. Pertinent facts, which are not available within the above time, shall be submitted as soon as available in a supplemental report.

A drug and alcohol test must be administered to employee(s) injured and/or any employees in a work crew involved in an accident involving bodily injury and / or property damage.

Under the OCIP Program, all contractors / subcontractors shall (mandatory) adhere to and make available a light-duty program for all employees and assist in returning employees to work as soon as possible after an accident and under the direction of the physician. While on light duty the pay scale/hours should stay equal to the normal work week if possible and/or at a minimum equal to the comp pay. The insurance carrier will be in contact with the physician to determine the employee's physical demands and limitations. The contractor's assistance will be needed in arranging modified work for the injured worker.

TELEPHONE NOTIFICATION

Should a serious accident occur resulting in damage to public or MGM GRAND DETROIT property; or bodily injury to the public or workers of the Casino Project OCIP Project, its Consultants, contractors or their subcontractors, telephone notification shall be made immediately.

Accident Investigation

All accident/incidents shall be investigated by the contractor's safety supervisor and/or his safety designee. The Owners (MGM GRAND DETROIT / The Casino Project OCIP) shall be notified immediately. An accident investigation report must be submitted to the Project Safety Coordinator, OCIP Administrator/Willis and OCIP Insurance Carrier within twenty-four (24) hours of the occurrence.

The accident investigation should generate appropriate recommendations for corrective actions to prevent recurrence of similar accidents. Depending upon severity of the accident, the foreman of the work area involved may be requested to appear at the job safety and coordination meeting to:

- 1. Describe the cause of accident.
- 2. Report as to what corrective action has been initiated to avoid future accidents.

ANALYSIS AND CORRECTIVE ACTION

Corrective actions can only be taken when specific factors of an accident/unusual occurrence have been accurately developed and the resulting recommendations have been disseminated to the responsible persons. In the event of a serious accident, prompt oral reporting of the preliminary details is mandatory. In preparing written reports of an accident/unusual occurrence statements and comments should be confined to objective finding of facts and determining the root cause. OCIP Administrator must be immediately notified of any occurrence.

Recordkeeping

The Contractor/Subcontractor shall maintain a current OSHA 300 log. The log shall be available for review by any OCIP team member at any time.

WORK PRACTICE CONTROL

Overview

The primary focus of these Safety and Health Guidelines is to provide guidance for Contractors. Each Contractor must have on site and available upon request a written safety and health plan. This plan may cover work exposures that are unique to the contractor project operations and contain standards that are not covered in this manual. It is a project requirement that each and every employee conduct their individual operations in accordance with OSHA and all other applicable standards for all project operations.

For operations wherein the specific Contractor does not have set procedures, the OCIP Safety and Health Manual shall be used as the basic guide to conduct specific operations. However, because all procedures used to provide a safe and healthful work environment must be tailored to meet various state, federal, and operational requirements, modification to the procedures contained in this plan may be required.

Hazard Communication Program

The Contractor shall develop a written Hazard Communication Program that contains at minimum the following elements:

- The name of the program coordinator.
- A list of hazardous substances present within the Contractor's workplace and updated as changes occur.
- A written system that ensures MSDS's are obtained and made readily accessible to all employees, including lower tier subcontractor personnel, on each shift. In the event of an emergency, MSDS's shall be made available on an immediate basis.
- A labeling program that ensures that containers of hazardous substances in the workplace are properly labeled with the name of the substance and any applicable hazard warnings.

potentially expose	ed to the hazardou	ıs substances.		

> A training program regarding hazards of substances that are used in the workplace and the protective measures that must be taken by the employee or any other persons

The Contractor shall ensure that each employee, prior to working with, or being potentially exposed to hazardous substances, receives initial training on the Hazard Communication Program and the safe use of the hazardous substances. Additional training must be provided to employees whenever new substances are introduced to the workplace.

Permanent records shall be maintained by the Contractor, describing all Hazard Communication Program training.

Job Safety Analysis (JSA)

In order to provide Contractor employees with a safe workplace through pre-planning hazardous work, a Job Safety Analysis (JSA) must be prepared. For operations wherein the specific Contractor does not have set procedures, a JSA must be prepared. JSA's are required when through pre-job planning, it is determined that the process, equipment or procedure indicates potential for serious injury and/or property damage. JSA's must be available upon request. All JSA's must be completed prior to the start of the work activity.

The JSA will be used by Contractors to analyze the jobs they perform, and to identify the existing and potential hazards associated with each job step and establish controls for them. These JSA's should be used as a task specific training tool to instruct employees, inspectors, and visitors of potential hazards and required safety precautions. Each employee working on the project must sign a training log indicating that they understand the hazards of the project as indicated on the JSA.

Examples of activities that may require a JSA:

- Potential for collapse, (work-in trenching, tunneling. This may include demolition, etc).
- Potential release of stored energy, (electrical, pressure, explosive, static, etc).
- Crane supported work platform use.
- > Critical crane lifts (two cranes used to lift one load and/or lift limits exceeding 85%).
- > Unusual crane operation as defined by The Casino Project OCIP or designee.
- > Potential exposure to uncontrolled hazardous materials or wastes.
- Abrasive /Sandblasting, Hydro blasting, etc.
- > Potential injury from burns, both chemical and thermal.
- Respirator use.
- Potential oxygen-deficient environments.
- > Entry into confined space.
- Potential of entanglement in, on, or between objects.
- Work in public streets and highways.
- Lockout/Tagout.
- Operations involving fall exposure.
- > Structural Steel Erection.
- > Use of new or Hazardous Materials, procedures, equipment.
- Powder actuated tool use.
- Suspended scaffolds.
- Scaffold erection/dismantling
- Work on live electrical systems.

Code of Conduct

The purpose of this policy is to familiarize employees with the type of conduct that is expected of them. Employees shall follow all local, state and federal laws, rules and regulations in the performance of their job duties, any violation of such may be cause for discipline, including removal from the job site. All employees will be required to comply with this Code of Conduct. Those in violation will receive a citation that will be copied to their respective employee file (see page 45 for a sample form). When an employee acquires a third citation, they will be removed from the jobsite.

Note: MGM GRAND DETROIT reserves the right to remove anyone from the jobsite immediately that fails to comply with these safety rules, or shows blatant disregard for safety on the jobsite.

The following are examples of conduct that may result in disciplinary action up to and including removal from the job site:

- 1. Theft or destruction of company property, other employees property
- 2. Violation of construction Safety Guidelines
- 3. Being under the influence of alcohol or use of illegal drugs during normal working hours or on property
- 4. Disruption of the work premises due to insubordination / Behavior disruptive of business or the performance of other employees
- 5. Removal of any safety devices, guards or equipment from company property
- 6. Removing or modifying any environmental regulatory devices or gauges from any company vehicles or equipment
- 7. Inattention to or neglect of duties / Negligence on the job
- 8. Failure to promptly report any on-the-job injury
- 9. Failure to report to supervisor when taking prescription or over-the-counter medication that might affect the employee's ability to perform his/her job
- 10. Failure to maintain satisfactory work standards or performance
- 11. Sleeping on duty / Refusal to perform assigned duties
- 12. Unauthorized possession of firearms or explosives on property
- 13. Giving false information which may adversely affect employment relationship of employee or others
- 14. Any act which would cause a reasonable person to be put in fear of receiving a battery or assault from another person, either threatened or implied

Note: CORRECTIVE OR DISCIPLINARY ACTION MAY INCLUDE REMOVAL FROM SITE!

SPECIFIC PROJECT SAFETY REQUIREMENTS

Scaffolds and Work Platforms

The Project requires 100% continuous fall protection during the erection and dismantling of scaffolds where employees may be exposed to a fall greater than (6) six feet. A competent person must be present during erection, dismantling or moving of scaffold. The Contractor/Subcontractor shall develop and use a scaffold tagging system similar to the following:

SCAFFOLD TAGGING

The scaffold procedure, at minimum, shall consist of three (3) tags. The appropriate tag will be placed on a scaffold inspected by the competent person. Each tag must have at least the following information and be visible by all employees:

- > Date tag was placed date of the last inspection.
- Name of person inspecting. All tags must be weather resistant.

A **GREEN** tag means the scaffold complies with federal OSHA regulations and can be used by any person.

A **YELLOW** tag indicates the scaffold is complete but does not meet all federal OSHA specifications. This tag will be used only in special circumstances. Special precautions, such as wearing a safety harnesses may be required because any accessory, such as a handrail, could not be installed due to the location of the scaffold. Limitations of use should be written on the tag.

A **RED** tag shall be placed on a scaffold that is being erected, dismantled, damaged and/or defective. No employees except members of the erection/dismantling crew shall work from a red tagged scaffold.

Employees will be instructed to read tags before using scaffolds. If a tag is not attached to the scaffold **DO NOT USE** the scaffold.

Exceptions: Single buck or Baker scaffolds need not be tagged.

Walking and Working Surfaces

BARRIER IDENTIFICATION TAPE

Barrier identification tape is strictly prohibited from being used for <u>any form of personnel fall</u> <u>protection</u>.

- YELLOW barricade tape shall be used for CAUTION/WARNING
- > RED barricade tape shall be used for DANGER DO NOT ENTER

Note: Once the area barricaded is free of the hazard(s) for which it was erected the tape will be removed and properly discarded.

Fall Protection

Employees shall not be exposed to fall hazards greater than six (6') feet. When an employee observes a fall hazard, they will notify their supervisor of the hazard. The responsible Contractor will immediately correct the hazard. 100% continuous fall protection, for fall hazards greater than six (6') feet, shall be implemented on this Project - including steel erection and scaffold erection/dismantling.

Each Contractor is responsible for meeting fall protection requirements in their overall safety and health program.

Each Contractor is required to evaluate ALL fall exposures and must develop a Fall Protection Plan, which outlines methods, procedures and/or devices used to prevent falls.

Each Contractor is responsible for implementing the requirements to achieve fall protection in accordance with all Federal, State, local rules, regulations, and the OCIP Safety and Health Guideline.

All fall protection systems used on this project shall comply with OSHA regulations, 29CFR1926.502. Fall protection systems must provide a positive means of protection. Controlled Access Zones and Safety Monitoring Systems are not considered positive means of fall protection and will not be permitted. Any employee exposed to a fall greater than six (6') feet shall use approved fall protection equipment or devices. Fall protection systems must be designed and installed under the direction of a Registered Professional Engineer. Fall protection is required, as a minimum, under the following examples:

- Formwork and reinforcing steel. Each employee on the face of formwork or reinforcing steel shall be protected from falling 6 feet (1.8 m) or more to lower levels by Personal Fall Arrest Systems, safety nets, or other fall protective systems. Positioning device systems are not considered fall protection.
- > When working from a telescoping, articulating, or rotating type lifts, personnel shall wear a safety harness with shock absorbing lanyard, secured to an approved anchorage point.
- When working on a ladder higher than six (6) feet from a solid surface, if the employee's torso extends past the side rails or if a vertical ladder extended a total of 20' or greater.
- When working on a platform or other support not equipped with an adequate guardrail, which is higher than six (6) feet from a solid surface.
- > When working from a crane-suspended work platform, a safety harness with shock absorbing lanyard secured to an approved anchorage point is mandatory.
- > When an employee may have to be lowered into or raised from a confined space, a personal fall arrest system must be worn. The employee should be supported by an approved platform or a boatswain's chair, with certified hoisting device and fall arrest device.
- When working adjacent to an unguarded floor opening or sloped roof, a lifeline system is desirable for mobility. A positive means of fall protection must be provided.

- When working adjacent to an excavation, pit or trench when a fall exposure of 6 ft. exists. Barricade tape is not adequate fall protection.
- Employees will be instructed on the proper wearing and use of personal Fall Protection Arresting Device Systems. Documentation shall be available upon request.

The Fall Protection Plan shall detail in writing when fall protection is required and exactly how this protection is to be provided. This written plan is required for any Contractor exposing workers to falls six (6) feet or greater.

The Contractor shall prepare a written training program to ensure that each employee who might be exposed to a fall hazard is knowledgeable of the Fall Protection Plan requirements. The program shall enable each employee the ability to recognize the hazards of falling and shall train each employee in the procedures to be followed in order to eliminate or minimize these hazards.

The Contractor shall assure that each employee has been trained in fall protection as per the OSHA standard and project safety guidelines. Fall protection training must be documented.

Personnel, who have been trained, then re-trained and continue to violate the established fall protection plan/regulations will be removed from the project IMMEDIATELY.

Confined Space Entry

All employees required to enter a confined space must be fully knowledgeable of the hazards involved with confined space entry. Prior to the start of such an entry the Contractor involved in the work will develop a Confined Space Entry Procedure. The Contractor will train all personnel who will enter the confined space. No one may enter a confined space area until properly instructed. Contractors are required to identify all confined spaces on their project with a sign identifying the area as a confined space.

A Confined Space Entry procedure will be used to:

- > Prevent inadvertent operation of equipment and/or work process while people are working in the confined space.
- ➤ Eliminate unexpected exposure to hazardous materials, oxygen deficient or inert/toxic gaseous atmosphere while working in confined spaces. Atmosphere testing must be completed.
- Plan for a timely and effective response to an emergency during a confined space entry.

Confined Spaces are considered to be areas with limited entry and exit, or poor natural ventilation, and not intended for human occupancy. Examples of a confined space include tanks, covered basins, vaults, columns, mixers, manholes, pipelines, sumps, ditches or excavations. All spaces shall be considered permit-required confined spaces until the preentry procedures demonstrate otherwise.

Safety considerations include but are not limited to: atmosphere testing for gaseous conditions/lack of oxygen, appropriate personal protective and emergency equipment, and additional personnel as needed to assure communications and assist the individual conducting the entry.

A Permit Required Confined Space means confined space that has one or more of the following:

- May or may not potentially contain a hazardous atmosphere;
- Contains a material that has potential for engulfing entrant;
- Has internal configuration that could trap the entrant;
- Contains any other recognized serious health or safety hazard;

Contractors will provide their own permit.

A Non-Permit Required Confined Space is a confined space that does not contain or with respect to atmospheric hazards, the potential of causing death or serious physical harm.

Employee Ground Transportation

The purpose of this section is to establish minimum acceptable guidelines for the safe transportation of all personnel traveling within the Project confines. Eliminate personal accidents and injuries resulting from improper equipment use.

Contractors are responsible for assuring that all personnel follow the requirements of this section and prohibit improper transportation of employees and visitors. **Transporting employees in cargo beds of pick ups, vans, etc. is prohibited, unless approved seats and seat belts are provided and used.**

- Mobile cranes, forklifts, winch trucks, front-end loaders, tractors and other materials handling equipment are not permitted to transport passengers.
- ➤ Trucks
 - A maximum of three passengers are permitted to ride inside of the truck cab unless the cab is specifically designed to accommodate additional passengers.
 - Passengers shall ride with all portions of their bodies inside the truck body or frame.
 - Passengers shall be in the seated position, with the seat belts secured and adjusted properly, before the vehicle is set in motion.
 - Riding on a vehicle's bumper or tailgate is prohibited.
 - Tailgates will be closed and latched before the vehicle is operated.
 - Passengers are not permitted to ride in the body of a dump truck or in the bed of a pickup truck.
 - Passengers are not permitted to ride on top of the load or to hold materials from shifting.
 - Vehicles must be designed to accommodate passenger transportation or the vehicle will not be used for that purpose.
 - Drivers transporting passengers will follow the posted speed limit and Project traffic rules.

Housekeeping

The purpose of this section is to incorporate into the day-to-day work activity a good housekeeping action plan that will be followed by all Contractors working on the project.

- ➤ Contractors, through inspection and example, are responsible for assuring that trash and debris remain out of the work areas. If poor housekeeping is observed, Contractors must follow through and make sure that these conditions are corrected immediately.
- > Contractors are responsible for all of their work areas. If poor housekeeping practices are observed corrective action will be discussed with the appropriate Contractor to remind them that cluttered work areas will not be tolerated and that their work area(s) pose a hazard to his employees and other personnel.
- > Contractor safety personnel must work with the Contractors' staff to assure that their safety recommendations are implemented and the work areas remain clear. Contractors should audit their work areas frequently to assure that all debris is removed to minimize hazards.

Project Electrical Requirements

The Contractor is responsible for implementation of an electrical safety program at the Project. This safety program element will include safe installation, work practices, maintenance, and special equipment considerations. All electrical installations, either temporary or permanent, shall be in conformance with the National Electrical Safety Code, NFPA-70, ANSI-C1, and low and high voltage electrical safety code requirements. Only qualified employees will install electrical tools and equipment, defective and/or improperly installed equipment may pose a hazard to personnel simply by being in the work area. If an unsafe condition is observed the responsible Contractor must correct the hazard immediately.

HAZARDOUS LOCATIONS

Where the Contractor/Subcontractor plans to cut a trench or excavation in an area that may contain underground electrical lines, procedures will be undertaken to positively locate the lines prior to the continuation of work. Those circuits which cannot be adequately guarded will be de-energized and grounded before digging is allowed to continue. Only hand digging should be permitted within (5) five feet of buried electrical cable.

Congested areas containing electrical equipment, switches, or live circuits will not be used as passage ways. The Contractor will install a positive physical barrier to prevent employees from accidentally entering such areas.

DISCONNECT AND OVER-CURRENT PROTECTION

All electrical disconnect and over current protective devices will be identified as to their purpose. Disconnect and over current devices will be located in a position that will not expose the devices to physical damage. The temporary disconnect power panels must have solid faces to ensure that all current-carrying parts are not exposed to accidental contact. The Contractor(s)

shall inspect their temporary power panels at least weekly to ensure that circuits are properly identified, grounded, and safety equipment like ground fault-circuit interrupters (GFCI) are operating correctly.

GROUND-FAULT CIRCUIT INTERRUPTERS (GFCI)

- The Contractor is required to follow the GFCI safety procedures for the use of temporary electrical power.
- All equipment (electric saws, drills, extension cords, etc.) capable of being plugged into a 110-volt receptacle shall have a GFCI device provided prior to the tool and/or extension cord/tool.
- A competent Contractor representative should test all GFCIs. A record of testing should be kept.

EQUIPMENT AND MAINTENANCE

- ➤ No Contractor employee shall perform work on live (energized) electrical components or conductors unless absolutely impossible. Circuits should be de-energized, locked and tagged, and tested to confirm de-energizing.
- ➤ Where it is not possible to de-energize electrical components or conductors, the Contractor employee shall be protected by approved guarding and/or insulation. A JSA is required.
- > Portable power tools shall double insulated.
- Extension cords shall be 12 AWG or better, grounded, and maintained in good condition. Repair to a break in the cord insulation is not allowed.

INSTALLATION

- > Equipment grounding conductors shall be installed as described below.
- All 120-volt, single-phase, 15- and 20-ampere receptacles shall be of the grounding type, and their contacts shall be grounded by connection to the equipment grounding conductor of the circuit supplying the receptacles in accordance with the applicable requirements of the National Electrical Code (NEC).
- ➤ All 120-volt cord sets (extension cords) shall have an equipment grounding conductor which shall be connected to the grounding contacts of the connector(s) on each end of the cord.
- ➤ The exposed non-current-carrying metal parts of 120-volt cord-and plug-connected tools and equipment that are likely to become energized shall be grounded in accordance with the applicable requirements of the NEC.

Cranes and Hoisting Equipment

- Cranes and hoists shall not be used without a current annual certificate of examination and testing issued by an accredited crane examiner. Annual inspection certificates must be submitted before a crane arrives on-site.
- Only qualified and designated personnel shall operate cranes or hoisting equipment. Crane operators must have current (Certified Crane Operator) CCO certification.

- ➤ Rated load capacities and recommended operating speeds, special hazard warnings, or instructions, shall be conspicuously posted on all equipment. They shall be visible to the operator from his/her control station, and an accessible fire extinguisher of 10:ABC rating, shall be available at all operator stations or cabs of equipment. Crane operations position shall be kept clear of loose tools or material.
- Outrigger cribbing is required for all crane operations per manufacturer's requirements.
- All cranes shall have anti-two block devices installed and operating properly.
- Loads shall be attached to the hook by means of slings or other suitable rigging to insure the safe handling of the load.
- A signaler (only one) using the uniform hand signals, shall be used to direct the operator when the point of operation is not in direct view of the operator, unless a radio or other positive means of communication is used.
- > The operator shall respond to signals from only one person. The operator shall not follow any signal that is not understood, but shall always obey a stop signal.
- > The operator shall be responsible for the operations and load under his/her control at all times. Whenever there are doubts about the safety of movement, the operator shall stop operations until safety is assured.
- A warning signal, such as a horn, shall be sounded to alert personnel to proximity of moving loads. Loads should not be passed over personnel, and personnel should not be permitted to work in the area directly under a suspended load.
- Concrete buckets No employee shall be permitted to work under concrete buckets while the buckets are <u>elevated</u>.
- > Employees shall keep out from under suspended loads at all times.
- ➤ Cranes shall not be operated or loads handled in such a manner that any machine part or load will come within ten feet of electrical lines carrying 50,000 volts or less. Greater distances are required for lines carrying over 50,000 volts. Post warning sign in plain view of operator.
- > No person shall be permitted to ride on loads, slings, hooks, buckets or other such load handling attachments.
- All repairs, adjustments, modifications, rigging assembly or dismantling shall be conducted only by qualified and authorized personnel.
- Rotating cranes shall be barricaded or other positive means shall be taken to prevent personnel from entering the area between the rotating machine deck and any stationary machine parts or outside obstructions.

- A critical lift checklist will be completed and submitted anytime:
 - 2 cranes are used to make a lift
 - when a lift exceeds 85% of the load chart
 - or any unusual conditions are encountered (See Appendix C, "Critical Lift Checklist")
- Crane suspended work platforms will only be used if there is no other safe means to reach the work area. The Contractor will complete a JSA and submit to the Casino Project OCIP or designee <u>prior</u> to the lift.
- Any overhead wire shall be considered to be energized unless and until the person owning such line or operating officials of the electrical utility supplying the line assures that it is NOT ENERGIZED and it has been visibly grounded at the work site.
- > Tag lines must be used to control loads.
- Daily crane inspections must be performed and documented.

Rigging

- Major rigging operations must be planned and supervised by Competent Personnel to ensure that the best methods and most suitable equipment and tackle are employed. This should be the superintendent or foreman in charge.
- Job site management must ensure that:
 - Proper rigging equipment is available.
 - All rigging is inspected before use. Documented inspections are required.
 - Correct load ratings are available for the material and equipment used for rigging.
 - Rigging material and equipment are maintained in proper working condition.
- The supervisor of the hoisting operation should be responsible for:
 - Proper rigging of the load.
 - Supervision of the rigging crew.
 - Ensuring that the rigging material and equipment have the necessary capacity for the job and are in safe condition.
 - Ensuring correct assembly of rigging material or equipment as required during the operation, such as the correct installation of lifting bolts.
 - Safety of the rigging crew and other personnel as they are affected by the rigging operation.
 - Review the rigging plan or the JSA with the crew involved in the lift.

Earthmoving Equipment and Trucks

- All earthmoving equipment shall be maintained in safe working condition and shall be appropriate and adequate for the intended use.
- Only authorized personnel shall operate equipment. Operators of equipment, machinery or vehicles shall be qualified and properly licensed for the operation involved.
- Equipment maintenance is to be performed only by qualified mechanics.
- Equipment operators and truck drivers will make a documented pre-shift safety inspection of their equipment. Any conditions that effect safe operation will be corrected before use.

- Equipment shall not be operated unless all required safety devices are in place and functioning properly.
- Careless, reckless or otherwise unsafe operation or use of equipment shall result in discipline and may constitute grounds for dismissal.
- ➤ Before performing any service or repair work, all equipment shall be stopped and positively secured against movement or operation, locked and tagged out of service, unless it is designed to be serviced while running, following the manufacturer's instructions.
- When equipment is serviced or repaired, the operator shall dismount until the service or repair is completed and then make a complete walk-around safety check before remounting.
- All bi-directional earthmoving equipment and motor vehicles with an obstructed view to the rear shall be equipped with a warning horn and an automatic back-up alarm that can be heard above and distinguished from the surrounding noise level.
- ➤ All off-highway earthmoving equipment and trucks such as loaders, dozers, scrapers, motor graders, rock trucks, tractors, rollers and compactors shall be equipped with roll-over protective structures (ROPS) and seat belts.
- > Seat belts shall be used and adjusted properly by operators of all heavy equipment.
- Mobile equipment shall not be left unattended unless parked securely to prevent movement, with all ground engaging tools lowered to the ground, brakes set and the engine off.
- Equipment parked at night shall be lighted, barricaded or otherwise clearly marked when exposed to traffic. Keys shall not be left in equipment overnight.
- Personnel shall not be transported or ride on equipment or vehicles that are not equipped with seats for passengers.
- > When fueling equipment or vehicles with gasoline or liquefied petroleum gas (LPG) the engine shall be shut down.
- All equipment and vehicles shall be equipped with appropriate fire extinguisher or fire suppression system.
- ➤ Haul roads shall be designed, constructed and maintained for safe operation consistent with the type of haulage equipment in use. Standard traffic control signs shall be used where necessary.
- Elevated roadways shall have axle high beams or guards maintained on their outer banks.
- > Equipment, tools, and materials hauled on pickups and flat bead trucks must be secured to prevent them from falling onto the road.

Appendix A - Safety Orientation

At minimum, the following items must be taught:

General Safe Practices:

- Plan work before starting. Planning prevents unnecessary exposure, job shutdowns, and rework, BEFORE STARTING WORK - THINK!
- Practice good housekeeping in your work area. Pick up your tools. Leaving materials and scrap will become hazards to others.
- For your protection, obey all warning signs such as "Keep Out," "No Smoking", "Eye Protection Required," and "Authorized Personnel Only."
- All governmental regulations will be enforced and their compliance assured.
- Never jump from any elevated surface, including equipment.
- Seat belts must always be worn.
- Report unsafe equipment, hazardous conditions, and unsafe acts to your supervisor immediately.
- Taking shortcuts leads to injury. Use appropriate ladders, ramps, and stairways.
- Use sanitary facilities provided on the job site.
- Be considerate of the welfare of fellow employees. Avoid distracting their attention or engage in horseplay.
- Familiarize yourself with the job site emergency procedures.
- All compressed gas cylinders must be upright and secured to prevent tipping.
- Backup alarms are required on all equipment and vehicles with limited visibility.
- Avoid back injuries by using proper lifting techniques:
 - 1. Keep your back straight; do not lean over.
 - 2. Bend your knees; get down close to the load.
 - 3. Lift gradually, using your legs, do not jerk or twist.
 - 4. Get help for bulky or heavy loads.
- Read scaffold tag before using a scaffold. Never climb onto a red-tagged scaffold.
- Trenches and excavations must be shored or sloped properly if greater than five (5) feet before any employee can enter.

Personal Protective Equipment:

- All employees, visitors, and vendors must wear an approved hard hat and safety glasses.
- Wear sturdy work boots. Sneakers and sandals are not permitted.
- You must wear clothing suitable for the work you are doing. Minimum attire is long pants and a T-shirt with a minimum 4-inch sleeve. Tank tops are not allowed.
- Hearing protection must be used when exposed to high noise levels.
- Respirators are required in areas where there is excessive dust, fumes, or bad air. Always check with your supervisor before working in such areas.
- You must wear rubber boots when working in concrete or water.
- 100% continuous fall protection is required on the Project for fall exposures greater than six (6) feet, including steel erection and scaffold erection/dismantling.
- Wear appropriate gloves when exposed to heat and sparks; wet concrete, acids, corrosives, electrical exposures, or substances, which could cut.
- Modification or alteration of any personal protective equipment is strictly prohibited.
- Use of PPE will be consistently enforced in accordance with federal and state safety regulations and with rules established on the job.

Employees Responsibilities:

- Any employee who willfully disregards these responsibilities or other safety and health rules shall be subject to disciplinary action or discharge.
- BE ALERT: Obey all safety rules, heed warning signs at all times.
- Report unsafe acts and conditions to your supervisor immediately.
- Promptly report all incidents and injuries to your supervisor.
- Wear required Personal Protective Equipment.
- Keep clear of all machinery or equipment.
- Only authorized and properly trained employees can operate machinery or equipment.
- Practice good housekeeping at all times. Keep all stairways, corridors, ladders, catwalks, ramps, and passageways free of loose material and trash.
- Make certain that a suitable fire extinguisher or adequate fire-extinguishing equipment is available in your area.
- Horseplay is not tolerated on the job site at any time.
- Working under the influence of intoxicants or drugs is strictly prohibited on the Project.
- Firearms are prohibited on the Project.

ZERO ACCIDENTS IS OUR GOAL!

Appendix A - Orientation Safety Knowledge Check

No	ame: Company:		_
1.	Employees must obey all safety rules.	True	False
2.	Backup alarms must be on all heavy equipment.	True	False
3.	Scaffolding must be checked on a daily basis.	True	False
4.	It is safe to use a scaffold that is not tagged.	True	False
5.	Employees should only use fall protection when they think they might fall.	True	False
6.	It is OK to remove a guard from a powered hand tool under special circumstances.	True	False
7.	It is OK to remove a guardrail and not replace it when finished.	True	False
8.	Open holes must be covered or guarded.	True	False
9.	Anyone can operate an aerial lift.	True	False
10	. You should read an MSDS before working with a chemical.	True	False
11.	. Spills and leaks should always be reported.	True	False
12	. All confined space areas must be tested before entry.	True	False
13	. Employees should check all equipment for damage prior to use.	True	False
	. Horseplay, theft, alcohol, fighting, and drugs are not allowed.	True	False
15	Employees should inform their supervisor of any prescription medication they are taking that could impair their abilities.	True	False
16	. Hard hats and safety glasses are to be worn at all times.	True	False
17	. Employees are responsible for the housekeeping in their area.	True	False
	. Ladders with broken rails and/or rungs can be used safely if you are tied off.	True	False
	Electric cords, welding leads, and gas hoses must be safely routed out of equipment, vehicle and walk areas or protected. Accidents must be reported immediately.	True True	False False
21	. Face shields are required in addition to safety glasses when grinding, chipping or using a chop-saw.	True	False
	. Excavations greater than five-feet deep do not need to be shored or sloped.	True	False
	. Seatbelts must be worn at all times in vehicles or heavy equipment. . High visibility vests do not need to worn when working around	True	False
25	Vehicles or Heavy Equipment All employees must complete the Substance Abuse requirements	True	False
	and Safety Orientation program before receiving security badge.	True	False

Appendix B - Report Matrix

Contractors are to submit and / or have available on site:

REPORT NAME	Annual	Immediately	24 Hr.	Weekly	Monthly ²	Per Occurrence	Per Request
Annual Crane Inspection	Х						Х
Chemical Inventory					Х		X
Contractor Weekly Inspection				Х			Х
Critical Lift Checklist						Х	X
First Report of Injury		Х				Х	
Incident Investigation		Х				Х	
MSDS's					Х		X
OSHA 300 Log					Х		X
OSHA Citations		Х				Х	
Safety Observation				Х			
Safety Plan of Action or JSA ³				Х		Х	X
Safety Statistics					Х		Х
Safety Training					Х		X
Substance Abuse Policy compliance notarized letter					Х		Х
Toolbox Safety Meetings				Х			Х
Daily equipment / Vehicle Inspections							Х

Daily -- Daily inspections are required on all equipment / vehicles.

¹ Weekly – Weekly reports are due the following Tuesday morning

² Monthly – Monthly reports are due by the 6th of the following month.

³ Safety Action Plan or JSA – As required by contract or specification

Append	ix C - Critical Lift Check	list
Project:		Date:
Description	on of Lift:	
	-	:
Crane Do		<u>Load Data:</u>
Make an	d Model:	Gross Load Weight:
Boom Le	ngth:	Rigging Weight:
Counter	weight:	Load Block & Line Weight:
Capacity	y:	Max. Load Radius:
		Min. Load Angle:
		Max. Boom Angle:
		Min. Boom Angle:
		Net Load Weight:
		Load Block & Hook Rating:
	Has the Center of Gravity is rigging adequate and in Load chart utilized is for ex Competent person in chart Competent signal person Pre-pick meeting held with Written crane inspection of Swing path not over person Footing is sound and less	cact crane model; boom type, length, tip; counterweight. rge of lift: Name identified: Name n crew completed within 1 day of critical pick nnel evel (soil conditions/compaction, underground tunnel or
	Minimum clearances from The load radius has been r	ms have been prepared. and substantial.
		Signed: Supervisor in Charge

Appendix D – Substance Abuse

Policy Statement:

The Owners (MGM GRAND DETROIT), Project Manager (TRE' Builders) and OCIP Team is committed to providing project employees with a drug-free and alcohol-free workplace. It is our goal to protect the health and safety of these employees and visitors to our job site, promote a productive workplace, and protect the reputation of our project.

Consistent with those goals, the use, possession, distribution or sale, at this project, of drugs, drug paraphernalia or alcohol is prohibited. The MUST drug and alcohol program will be instituted to monitor compliance with this policy. See Attachment 1.

Contractors / Subcontractors refusing to comply with this Drug and Alcohol Policy will not be permitted to work on this OCIP project and will be noted as being in violation of their contract with the MGM GRAND DETROIT, or other contractors/subcontractors working on this project.

Additional Testing of Employees Not included in the MUST Agreement

Post Accident: Direct involvement or possible involvement in any type of work related accident or property damage incident. This test will be paid for by the Employees direct Employer and not MGM GRAND DETROIT and/or the OCIP Workers Compensation Carrier – ACE USA or ESIS, Inc.

It is agreed that drug and alcohol testing of employees shall be required after each and every work related accident or property damage incident. This testing shall take place at Concentra medical Clinic providing treatment for the injury. A work related accident is defined as an accident resulting in an injury requiring treatment by a physician to the employee or other employees injured and/or resulting in damage to property or equipment.

Points of Understanding Regarding Substance Abuse Testing

- 1. The employer, Collection facility (Concentra) and the Analytical laboratory agree that the results of the described tests are to be held in strictest **CONFIDENCE** between the employer, the OCIP Workers Compensation Carrier and the medical facility (MRO). This is an issue of employee employer relationship (employment) and falls under the requirements within the employers program.
- 2. This statement is noted for the purpose of adjudicating a workers compensation claim. ACE/ESIS the OCIP Workers Compensation Carrier/TPA will receive from the testing facility all accident related drug and alcohol test result.
- 3. If the test is positive, the consequences will be similar to those stated within the MUST agreement noted on page 14 on the MUST Program

Guidelines for Reasonable Suspicion

Observation Checklist

1.	Walking		Staggering Unsteady	Falling Holding On	Unable to Walk Normal
2.		Swaying	Rigid Sagging at I		Unable to Stand Feet Wide Apart
3.	Speech	Rambling	Silent Mute Confused	Whispering Slurred Normal	Slow Slobbering
4.		Cooperative Silent Sarcastic		Calm Crying	Sleepy Excited
5.	Actions	Resisting Communico Drowsy Calm		Threatening Hyperactive	Erratic Hostile
6.	Eyes		Watery Closed	Dilated Normal	Glassy
7.	Face	Flushed	Pale	Sweaty	Normal
8.	Appearance/ Clothing	•	Messy Stains	Dirty Neat	Partially Dressed Normal
9.	Breath		Faint Alcoho	bl	No Odor
10.	Movement	_	Jerky Normal	Slow	Hyperactive
11.	Eating/ Chewing	Gum	Candy	Mints	Other – identify
12.		,		ale, etc.: attendan est; credible reports	· ·
Ok	oserved by:		Obse	rved by:	
Do	ite:	Time:	Loca	ation:	

Appendix E -	INCIDENT INVESTIGATION REPORT	Incident No
 Complete all applicable sec Form to be completed by inj Copy to MGM GRAND DETRO 	iured person's Supervisor.	ithin 24 hours of the incident.
Project information:		
Project Name/#		Date of Report
Date of incident		Time incident occurred
Name of person who reported incid	dent	Reported to
Date reported		
Type of Incident: (check all that application) Injury Property Damage		Other
Injured Person:		
Name	Date of birth	SS#
Employer name		
Address		Phone #
Date of hire	Employee's occup	ation
Supervisor's name		
Place of injury (bldg/area)		
Type of injury and body part affects	ed	
Is injury believed to be job related [yes no	Unknown
Recording Information: (check all the First aid only (provided by) Restricted Work Lost work do	OSHA recordable	Non-recordable
Incident Information: Brief description of incident		

		operty/mate	erial
ed property/mat	erial		
☐ Water	☐ Wind ☐ Sun	١	
Mud		nting	Unprotected hazard
Debris	Cords/hoses	building ı	materials
Violation	☐ Not trained	Disregard	ded
Physical	Mental Pre	scription mec	ds Nonprescription meds
☐ Wrong type	Defective N	lot trained [Missing guard Improperly u
Unsafe	☐ Not trained	☐ Imprope	rly used
Details: No wearing	Defective	Wearing	improperly
Details: Horse play	☐ Body position	Inattention	on Inexperience
Details:	Misunderstood	I	
Details: Inadequate Details:	Unforeseen situ	Jation	Unqualified personnel
peen or are plan	ined to prevent re	currence of	this or similar incidents?
	Water Details:	Water Wind Sun Details: Mud Dust Light Details: Debris Cords/hoses Details: Violation Not trained Details: Physical Mental Pre Details: Wrong type Defective Not trained Details: No wearing Defective Details: Horse play Defective Details: Inadequate Misunderstood Details: Inadequate Unforeseen situ	Details: Mud Dust Lighting Details: Debris Details: Violation Details: Physical Details: Wrong type Defective Not trained Details: Unsafe Details: No wearing Details: Horse play Defails: Misunderstood Lighting Duilding Duilding Disregard Details: Wrong type Defective Not trained Improper Details: Horse play Defails: Misunderstood

INJURED EMPLOYEE'S STATEMENT

	Date of report
Name	_ Date/Time of incident
Last First M	II
Title	_ Supervisor's name
SS#	Yrs. exp. in your trade
Date of birth	_ Age Hire date
Permanent address	_ Witness
Phone number	
Location at time of incident: (bldg, area, level,	etc.)
Signature	Date

WITNESS STATEMENT

1. Complete form as necessary for incident. 2. Have each witness complete separate statement. Date of incident _____ Time of incident _____ Name of individuals involved _____ Title ______ Supervisor's name _____ Describe, to the best of your knowledge, exactly what you observed. Describe where you where when the accident occurred.

Phone number _____

Appendix G - Contractor Monthly Report of Safety Statistics

INJURY AND ILLNESS STATISTICS Month _____ Year ____ Name of Contractor: _____ Name of Subcontractor:_____ Location: Prepared by: (Name, title, and company) Single Contractor Report Contractor's composite report; list names of subcontractors in Remarks and attach a copy of each subcontractor's single monthly report. <u>Total for Month</u> **Cumulative Total YTD** First Aid Cases *OSHA Recordable Cases *OSHA Lost Workday Cases *Lost Workdays **Fatalities Total Work Hours** Remarks:

^{*} As defined by OSHA

Appendix H - Spill Notification Procedure

Initial determination as to the severity of the spill is the responsibility of the Contractor.

EMERGENCY SPILL:

The spill presents a potential for harm to personnel or the environment, if the Contractor is not able to immediately control and clean-up the spill and/or the spill exceeds the reportable quantity, the Contractor will:

- 1. Clear and secure the immediate area.
- 2. Notify the MGM GRAND DETROIT
- 3. Notify the Casino Project OCIP Safety Manager
- 4. An incident report must be submitted within 24 hours to the OCIP Administrator (Willis).

NON-EMERGENCY SPILL:

- 1. A non-emergency spill is a spill that does not present potential harm to personnel and/or the environment, the Contractor has the ability to immediately control and clean-up the spill, and the spill is less than 25 gallons.
- 2. All spills must be cleaned up and disposed of properly. A spill report must be submitted to MGM GRAND DETROIT or designee explaining the spill quantity and method of disposal including Hazardous Waste Disposal Manifest if applicable.

The Contractor will notify MGM GRAND DETROIT any time a spill occurs no matter what the size or nature of the spill involves.

Appendix J – Safety Committee Guidelines

The Owner recognizes that a cooperative effort is required to insure a safe construction project. Therefore, the Project Manager must establish a safety committee to facilitate the proper cooperative attitude.

The Safety Committee will be composed of an equal number of employee and management representatives. The management personnel (4) will consist of one Owner representative, one person from the PROJECT MANAGER, one from the workers' compensation/general liability insurance carrier and a representative of subcontractor supervision. The employee members (4) will be selected from the various subcontractor trades on a voluntary basis or by nomination to serve a minimum of one year each.

The Project Manager's Safety Manager will serve as the Safety Committee advisor and is responsible for providing meeting agendas and minutes, giving assignments to the committee, and publicizing committee accomplishments. Safety Committee meeting minutes and attendance roster will be maintained for three (3) years.

The Project Manager's Safety Manager is responsible for assuring that Committee members are adequately trained to perform their Committee duties and responsibilities.

The Project Manager's Safety Manager is responsible for assuring that subcontractors with 25 or more employees establish their own safety committee commensurate with the NRS requirements.

The primary purpose of the Safety Committee is to evaluate safety and health program effectiveness, suggestions, hazard reports, hotline reports, etc., and to provide suggestions and recommendations to improve workplace safety.

Additional duties include advising and educating employees in safe working practices, investigating accidents and their causes, recommending preventative measures, inspecting work areas, and other duties as assigned

Meetings will be held at least monthly, discussion items will include:

Inspection Reports

Accident Reports

The safety of construction methods and practices

Review and make recommendations on employee hazard reports, hotlines, etc.

The Safety Committee members will receive their regular rates of pay while performing Safety Committee duties. Time spent performing Safety Committee duties shall be documented using normal time reporting procedures.

Appendix K – L	etter of Non-Complian.	ce		
то:			DATE:	
PROJECT:			JOB NO:	
condition:	·		onsible to correct the following (
ACTION TO CO			, MGM GRAND DETROIT and FOR SAME WILL BE DEDUCTED	
	GRAND DETROIT and Mana		Date:	
CONTRACTOR	/ SUBCONTRACTOR RE	sponse:		
I will correct th	e condition by:			
Comments:				
DISTRIBUTION:	Project Manager PM Safety OCIP Safety Other / File		Contractor Prime Contractor Superintendent Contractor Safety Other / File	

MGM GRAND DETROIT

GENERAL CONSTRUCTION PROJECT SAFETY RULES

All employees, contractors, subcontractors, suppliers and visitors shall comply with the following Construction Project Safety Rules.

- 1. Employees shall enter and leave the project construction site by the designated route only.
- 2. Visitors will not be permitted on the project without proper clearance through the Project Manager or Owner.
- 3. All employees shall wear approved safety hard hats with company logo or company name legible on the front of their hard hat in the construction area. (Hard Hats are not designed to wear backwards)
- 4. Approved safety glasses, sturdy work boots/shoes, long pants and shirts with (4) inch sleeves or more, are Mandatory in the construction area. (No tennis shoes, sandals or muscle shirts)
- 5. No firearms or other weapons are allowed on the properties at any time.
- 6. The use of intoxicants and/or illegal drugs by an employee or reporting for work under the influence of same is strictly forbidden on the project.
- 7. All employees shall conduct themselves in an orderly manner scuffing, wrestling, pushing And engaging in "horseplay" of any kind is prohibited.
- 8. Employees shall report all injuries immediately to their supervisor and to the project first aid Department.
- 9. Established traffic and safety rules, signals, and warning signs shall be obeyed at all times.
- 10. No one shall ride on equipment or flatbed trucks except in places designed for such use by the Manufacturers. Riding in the rear of pickup trucks is <u>not permitted</u>.
- 11. Equipment shall be fully stopped before dismounting. Running equipment will not be left unattended.
- 12. Employees shall observe area of travel before reversing equipment, and shall proceed at a safe manner and speed. If any obstruction view is blocked, (any) equipment must be equipped with a reverse signal alarm audible above the surrounding noise level.
- 13. Employees shall operate all equipment in a safe manner.
- 14. Employees shall at all times be aware of the nearest fire-fighting equipment.
- 15. Employees shall attend all weekly safety meeting, and sign attendance sheet.
- 16. Approved personal protective equipment shall be worn where required, at all times.

- 17. 100% eye protection will be required at all times.
- 18. Temporary heating devices shall be of an approved type and set up on a noncombustible base at least 10 feet from combustible materials.
- 19. Flammable liquids shall be stored and used in approved containers only.
- 20. Housekeeping will be performed daily in all work areas. Work areas shall be kept free from unnecessary materials, equipment and trash.
- 20. Work areas shall be kept free from grease, oil and dirty rags.
- 21. Machinery and equipment shall be kept as clean as practicable at all times, and inspected daily for unsafe conditions. Unsafe conditions shall be reported prior to operation of any equipment to your employer.
- 22. Areas containing first-aid supplies or fire-fighting equipment shall be kept free from obstructions at all times.
- 23. It shall be the responsibility of each employee to maintain their work area in a clean and orderly manner.
- 24. All temporary electrical hookups for tools, equipment and extension cords shall be grounded and protected by G.F.C.I. protection.
- 25. Material Safety Data Sheets and Hazcom Program is located in your employer's field office for hazardous materials.
- 26. No children/minors under 18 years of age allowed on the construction site.
- 27. Body harnesses with shock-absorbing lanyards properly attached, shall be worn whenever an employee is exposed to an unprotected fall hazard greater than six (6) feet.
- 28. Welding hoods shall be used with safety hard hats at all times.

Employee Name:	Date:	
Employee Signature:		
Company:		

MGM GRAND DETROIT

Citation: Notice of failure to comply with jobsite safety requirements

Citation Number:		
Date:		
Time:		
Location:		
Persons/Employers Involved:		
Equipment Involved:		
Materials Involved:		
Description of Violation:		
Employee Signature:		Date:
Supervisor's Signature:		Date:
Safety Representative Signature:		Date:
Violation/Situation Corrected:	Yes	No (check one)

VISITOR

ACKNOWLEDGMENT OF THE MGM GRAND DETROIT Project OCIP PROGRAM RULES

By signing this Visitor's Log, I acknowledge that I understand and agree to abide by the project rules outlined below along with the Project Managers orientation program.

In consideration of my receipt of a visitor's pass as issued by the OCIP Team and/or Project Manager directly or indirectly for the MGM GRAND DETROIT OCIP project. I waive on behalf of myself, my heirs, employer, legal representatives and assigns and hereby release and discharge the MGM GRAND DETROIT, OCIP Team, the Project Manager, Prime Contractor and all their sub/subcontractors and consultants and each of their directors, officers, employers, and employees. Representatives and agents from any and all claims, actions, causes of action or any charge of any kind whatsoever which may arise or could arise in the future as a result of my being present at the facility / project including injury, death or property damage whether or not caused by the fault or negligence of any of the parties released hereunder.

In further acknowledge that I have been briefed on specific hazards, hazardous substances that are on site and the site emergency action procedures.

PROHIBITED ACTIVITIES

- Unauthorized removal or theft of OWNER's property
- Violation of safety or security rules or procedures
- Possession of firearms or lethal weapons on jobsite
- Acts of Sabotage
- Destruction of defacing OWNER's property
- Failure to use sanitation facilities
- Failure to report accidents or job related injuries
- Being under the apparent influence of drugs, alcohol or other intoxicants or in possession of drugs, alcohol or other intoxicants on the property
- Wearing shorts or tennis shoes on the jobsite
- Failure to wear a hard hat and/or other applicable
 Personal Protective Equipment

- Gambling at any time on the project
- Fighting, threatening behavior, or engaging in horseplay on the project
- Smoking in unauthorized areas on the project
- Open fire cooking or making unauthorized fires on project property
- Selling items or raffles without authorization
- Use of unauthorized cameras on the project
- Use of radio or television in the construction area
- Failure to park personal vehicle in authorized parking area

Amended 10/24/05

- Failure to wear designated identification (site specific)
- Failure to use designated gates / entry

I have read, understand and agree to abide by the PROGRAMS SITE RULES. Furthermore, I understand failure to abide by these rules is grounds for being denied access to the project site. I have received a personal copy for my use and reference.

VISITORS LOG

THE SIGNING OF THIS LOG ACKNOWLEDGES I HAVE READ AND UNDERSTAND AND AGREE TO ABIDE BY
THE PROJECT RULES OUTLINED ABOVE AND IN THE SITE ORIENTATION PROGRAM

VISITOR'S NAME - PRINT	SIGNATURE	COMPANY VISITED	DATE	IN	OUT