

National Manual for Assets and Facilities Management Volume 10, Chapter 2

A&FM HSE Orientation and Training Plan

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1.0 PURPOSE

The purpose of this procedure is to identify the process and responsible parties for developing, delivering, and documenting training of personnel and outline required training subjects.

This procedure applies to the training of personnel at all locations, including contractors, sub-contractor, and employees. Courses developed internally shall follow this process. Any external courses should be reviewed against the requirements of the procedure to ensure compliance with the included standards.

2.0 SCOPE

The scope of this procedure applies to all Facilities where work is performed under Mashroat governance throughout the Kingdom of Saudi Arabia.

3.0 DEFINITIONS

Definitions	Description				
ADDIE	Analysis, Design, Development, Implementation, Evaluation: A generic				
	process used by training developers for building effective training.				
ALARP	As Low As Reasonably Practicable				
Computer Based	Self-study training that is delivered to personnel via computer.				
Training (CBT)					
Course Catalogue	The listing of available training courses				
Course Roster	A tool to capture data on the completion of training				
CPR	Cardiopulmonary resuscitation				
Craft Assessment	A written examination that evaluates the skill level of craft personnel.				
Facility-Specific	Training developed or accessed by the facility to ensure that personnel have				
Training	the competencies required for FACILITY assignments. Facility-specific training				
	includes courses, professional development, on-job training and community				
	activities.				
HSE	Health, Safety, and Environment				
Instruction	The delivery of information to enable learning; the process of transferring				
	knowledge and / or skills to learners.				
Instructional System	An orderly process for gathering and analysing collective and individual				
Design (ISD)	performance requirements to respond to identified training needs. The				
	application of a systems approach insures that learning programs and the				
	required support materials are continually developed in an effective and				
	efficient manner to match a variety of needs in a rapidly changing environment.				
Instructor	An individual who transfers knowledge and / or information to learners in a				
	systematic manner by presenting information, directing structured learning				
	experiences, and managing group discussions and activities.				
JHA	Job Hazard Analysis				
LMS	Learning Management System. A system used to track and report completion				
	of training requirements to document compliance with this procedure				
Proficiencies	Levels of ability (basic, intermediate, and advanced) in competencies.				
SAM	System Approach Model				
Subject Matter Expert					
(SME)	content development and reviews.				
Training Plan	The Training Plan specifies the training goals for the Facility location.				

4.0 REFERENCES

- EPM-KS0-MN-000001 Facility New Employee HSE Summary Flyer
- ADDIE model: The ADDIE model is the generic process traditionally used by instructional designers and training developers. The five phases—Analysis, Design, Development,

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Implementation, and Evaluation—represent a dynamic, flexible guideline for building effective training and performance support tools.

• SAM model: SAM is the acronym of Successive Approximation Model as an "alternative to ADDIE that also emphasizes collaboration, efficiency and repetition".

5.0 RESPONSIBILITIES

5.1 Facility Manager or Contractor Responsible

- Ensuring compliance with Facility Training Requirements.
- Approval of Facility Training Plan.
- Allocating sufficient resources to implement, develop, and maintain HSE performance throughout the life of the Facility.
- Setting expectations for compliance with the training program.
- Ensuring contractors are responsible for implementing this Plan.

5.2 HSE Responsible

- Ensuring compliance with HSE Training Requirements.
- Approval of HSE Training Plan.

5.3 Training Responsible

The Training Responsible is responsible for the logistics involved with the implementation of this plan at the Facility, maintenance of training material, development of new training material, and maintenance of the training records/database. Other responsibilities include the following:

- Overall responsibility for managing and implementing the training requirements contained in this
 procedure.
- Auditing Responsible Contractors and Facility's compliance to the Plan.
- Reporting compliance to the Plan on a monthly basis.
- Providing Train-the-Trainer instruction and follow up assessment as applicable in regards to training packages developed by Contractor Training department.
- Participating in reviews of corrective actions to help ascertain where training would help minimize reoccurrence/repetition of non-conformance or an incident.
- Ensures management logistics of training events.
- Management of class rosters.
- Providing course credit in the LMS.
- LMS data entry and reporting.
- Monitors course registration.
- Manages the training calendar.
- Any of the above may be delegated.

6.0 TRAINING AND DEVELOPMENT PLAN

Each Facility will need a developed Training plan and Development of Plan need to be aligned to the training and education requirements for the Facility. This plan should be based on the Facility's natural progression and maturity, focusing training efforts where and when needed. This plan should address the development needs for the attendees (e.g. Administrative, Clerical, Engineers, Coordinators, Manual/Non-Manual, etc.). Identify the courses, workshops, instructors, and other similar items necessary to execute this plan.

The standard course offerings will include:

- Facility HSE Orientation/Induction.
- Procedure Specific training.
- Hazard Recognition/identification.
- Safety Leadership Workshop.

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- System Tools (Self-Assessment Program and Safety Leadership Review).
- · Custom Facility Specific Requirements.
- Applicable Government and/or, Local Training Requirements.

6.1 Other considerations for training opportunities

Delivery of the Facility specific training and education plan SHALL be at the earliest possible opportunity. The following elements must be considered:

- Budget needs.
- HSE Training.
- Course offerings (e.g. First Aid/ Cardiopulmonary resuscitation CPR, and Blood Borne Pathogens).
- Training Media, equipment.
- Develop/Acquire Presentation Packages.
- Facility Security.
- Required attendees and instructors.
- Management approvals (as required).
- Safety Leadership.
- Environmental Compliance Workshop.
- Procedure Training.
- Applicable Hazard Recognition Training.
- Facility-specific Hazard Recognition Training.
- Fire escape and muster point locations.
- Fire drills

7.0 COURSE DEVELOPMENT

7.1 Methodology

A defined process of course development will be implemented. One of several different processes or methodologies could be used, including:

- ADDIE The ADDIE Model generally consists of five stages Analysis, Design, Development, Implementation, and Evaluation.
- Systems Approach Model (SAM) The SAM model is a systems approach that consists of three
 phases, with integrated iterative processes to develop and refine instruction material.

When completed, a course should:

- Have defined learning objectives.
- Align with Facility business needs.
- Ensure consistency in quality, delivery and results.
- Be relevant, scalable, and flexible to meet the needs of a variety of Facility locations.

7.2 Elements of a Completed Course

Each completed course should consist of the following:

7.2.1 Instructor-led or Virtual Instructor-led courses

- · Presentation slide deck.
- Instructor Guide.
- Participant Guide.
- Train the Trainer plan.
- Any other training aids.
- Course Feedback/review form



7.2.2 Computer Based or online courses

- Completed course fully functioning within the LMS.
- Any job-aids or material to be used outside of the LMS.
- Online course Feedback/review form

7.3 Course Review

A periodic review of course material should be completed annual basis to ensure that the course remains relevant to the operating environment, systems in use, and processes included. The review should be completed with the assistance of a subject matter expert, trained instructor, training department and Course Feedback/review forms

7.4 Course Delivery

7.4.1 Instructor Certification

A process will be implemented to ensure that instructors are competent for classroom instruction. This process also ensures that every attendee receives a quality learning experience, regardless of location. This process should include:

- Completion of the relevant course.
- Instruction in proper course facilitation and instruction techniques.
- Completion of a Train-the-Trainer course covering the critical learning objectives.
- Co-instruct the course with a qualified instructor.
- Instruct the course and be observed by a qualified instructor.

The following should be considered when identifying instructors:

- Expertise in subject matter.
- Interest in course instruction.
- Prior experience in course instruction.
- Communication, leadership and presentation skills.

7.4.2 <u>Training Plans</u>

7.4.2.1 Facility

Each Facility will have developed a Facility Training Plan describing the training and education required for that particular Facility. This plan should be based on the Facility's standard and customised features, focusing training efforts where and when needed to include, but is not limited to:

- Standard Facility features.
- Custom Facility features.
- Quality and any other training requirements contained in this procedure.

This plan should address the development needs for the attendees (e.g. Administrative, Clerical, Engineers, Coordinators, Craft, Non-Manual, etc.).

7.4.2.2 Health, Safety, Security and Environmental

Each Facility shall develop HSE Training Plan, aligning it with the Facility business activities and hazards identified as part of a Development and Planning Process Plan. This plan should be based on the Facility, focusing training efforts where and when needed. All training requirements contained in Section 9.0 of this procedure as a minimum.

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7.4.2.3 Professional and Leadership Skills

The Facility will develop a Professional and Leadership Skills Training Plan describing the training and education requirements for the Facility. This plan should be based on the Facilit, focusing training efforts where and when needed and includes, but is not limited to:

- Communication skills,
- Supervisory skills,
- General leadership and any other training requirements contained in this procedure.

This plan should address the development needs for the different types of attendees.

7.4.3 Course Register

For each course that is delivered, a course register will be collected. The register should contain the following elements:

- · Course name or title.
- · Course date and time.
- Location.
- Attendees name.
- · Attendees signature.
- Unique identifier, such as email address or employee ID number.

Additional elements can be added to support administration of the training program. Once a course is completed, the Course Register will be entered into the LMS to track compliance with the training requirements and be maintained according to the Facility record retention requirements.

8.0 ASSESSMENT/EVALUATION

Where the Supervisor (with feedback from the worker's Buddy or other employee) and the HSE Manager recommends a new employee requires further training, the employee may be selected for additional training, prior to continued employment at the Facility.

The course content for which the employee has been assessed as requiring further training should be repeated. A further evaluation will be done one (1) week later.

8.1 Learning Management System

The Learning Management System (LMS) is the system used to track course completions and progress in the completion of assigned training requirements. A system will be in use at all locations to monitor progress and provide reporting as indicated in the procedure or as required by management. An ideal system would allow for tracking across multiple Facility locations within a given Entity and also be the repository of course material.

8.2 Course Evaluation

To assist in maintaining the quality of delivered courses, evaluations shall be conducted. The Kirkpatrick Model of Learning Evaluation is most prominently used in professional training organizations. The model utilizes four levels to address the behaviour changes that occur as a result of the training. They consist of the following:

Level 1: Reaction - a Participant's reaction to the course.

• A standard post-event evaluation used to capture participant's reaction to the course with flexibility to add custom questions to address course-specific learning objectives. An example of a Level 1 evaluation can be seen as Attachment 7.

Level 2: Learning – a Participant's resulting increase in knowledge, skills, and / or attitudes as a result of the course.

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• A standard pre-test and post-test assessment used to analyse the resulting increase in knowledge, skills, and / or attitudes as a result of the course.

Level 3: Behavior - Participant transfer of knowledge, skills, and / or attitudes to the job

 A standard 60-day follow-up evaluation for select instructor-led courses with flexibility to add custom questions to address course-specific learning objectives. A sample Level 3 evaluation can be seen as Attachment 8.

Level 4: Results - Business results attributed to completion of a course

A comparison of business performance before and after delivery of the training course. Specific
measures of performance should be identified and tracked both before and after delivery. Efforts
should be made to identify and isolate influencing factors.

A Level 1 evaluation should be conducted for each course delivered. For courses where learning or behaviour change are critical, Level 2 and 3 evaluations should also be conducted. Results of course evaluations should be analysed regularly to improve course and instructor performance.

The evaluations should be conducted or input into the LMS to simplify data collection and analysis. It may be beneficial for this analysis to be more frequent to assist in skills development for instructors or to optimize course content and material.

9.0 SUPERVISORS' HSE ORIENTATION

Supervision, regardless of level in the organization, will receive Supervisors' HSE Orientation training upon promotion, hire, or transfer. This orientation will outline the duties and responsibilities of the supervisor with regard to HSE, and provide guidance on how to handle violations of the Facility work rules. Supervisors' HSE Orientation and training will be conducted by the HSE Manager, Supervisor or designee.

The Facility Manager will participate in each Supervisor HSE Orientation by opening or closing with a statement championing the HSE process and expressing the expectations.

Items discussed at the Supervisors' HSE Orientation training must include (as a minimum):

- "Zero Accident" philosophy.
- New employee orientation process.
- Supervisor safety meetings.
- Employee safety meetings.
- Emergency procedures.
- First aid and medical treatment process.
- Incident & near miss reporting and investigations.
- Safe work practices/areas.
- Identification badges, Timekeeping, and Security.
- Procedure familiarization.
- Safe work assignments.
- Risk Assessment/Analysis.
- Safety Task Assignment Risk Reduction Talk (i.e., STARRT) and Job Hazard Analysis (JHA).
- Fire prevention and protection.
- Safety Performance and recognition.
- Consequences for Violating Facility work rules.
- Violence, Drugs in the workplace.
- Quality Assurance Awareness.
- Special Safety/Health requirements/procedures.

A Supervisor's HSE Orientation Checklist shall be used to ensure that each supervisor receives the required HSE information. A sample Supervisor's HSE Orientation Checklist is provided as Attachment 1.



10.0 BASIC NEW EMPLOYEE ORIENTATION SESSION

All Facility manual and non-manual employees, whether newly hired or rehired, will receive, at a minimum, a Basic New Employee HSE Orientation.

The Basic New Employee HSE Orientation is intended to be a formal session that provides an understanding of HSE, and Facility requirements. It is designed to:

- Provide the employee the knowledge, and information necessary to identify the hazards in their
 work environment, and to apply the preventive measures, and techniques taught to eliminate or
 reduce the exposure to illness and injury.
- Promote the Zero Accident Philosophy by introducing all employees to this concept, and how it can be achieved at the Facility.

A representative of the Facility HSE Department will conduct the Basic New Employee HSE Orientation.

It is recommended that the Facility Manager or Contractor Responsible participate in each new hire orientation by beginning or closing it with a statement championing the HSE process and expressing the expectations.

The **EPM-KS0-MN-000001 Facility New Employee HSE Summary Flyer** will be issued to all new employees and thoroughly discussed. Where applicable, the flyer shall be translated into the appropriate language(s) used by the workforce.

Each employee will complete an acknowledgement page at the end of the training. This acknowledgement page must be kept on file.

The Basic New Employee HSE Orientation will provide a standardized level of awareness training to the new employee. Topics discussed at the Basic New Employee HSE Orientation should relate to the specific work activities and hazards at Facility's (as identified in the Facility Development and Planning Process, typically they may include:

- Management commitment
- Safe behavior overview
- General Facility rules
- Emergency procedures
- Personal protective equipment
- Hazard communication
- Housekeeping
- Fire prevention and protection
- Safety, Toolbox meetings
- Fall protection/prevention
- Barricades

- Incident investigation
- Injury/illness reporting
- Lock-out and tag-out
- Confined spaces
- · Compressed gas cylinders
- Back injury prevention
- Hazard awareness
- Excavations and trenching
- Industrial Relations
- Hand power tool safety
- •

Where applicable, all training shall be provided in the language spoken by the workforce, and a test (oral or written) given to measure retention. Multi-lingual training material and a feedback mechanism shall also be developed to ensure that the training provided is fully understood by the workforce.

After this basic orientation, the supervisor will meet with the new employee and discuss the items listed in the "New Employee HSE Education and Development Checklist - Week No. 1" (Attachment 3). The supervisor will complete this form and return it to the Training Department.

The supervisor is responsible for ensuring that all employees reporting to him receive the basic New employee HSE Orientation. If the new employee is assigned to the work area prior to the Basic New Employee HSE Orientation, the Supervisor must contact the HSE Supervisor, to arrange for a condensed version of the Orientation. The employee is then scheduled to attend the next scheduled Orientation, and the employee must be under a close supervision or a buddy system.

For work with potential hazardous exposure, orientation will be completed *before* employees are involved in potentially hazardous exposure activities.



The Training Manager will develop a process to verify the training has been understood. Verification can be done either orally or in writing, but must be documented and kept on file.

11.0 NEW EMPLOYEE CONTINUING HSE EDUCATION AND DEVELOPMENT (WEEKS 1-4)

The continuing education and development of new employees is designed to provide them with the knowledge and information necessary to perform their work in keeping with HSE requirements. It also reinforces comprehension and retention regarding HSE practices and procedures through the use of multiple contact sessions. Attachments 3 - 6 provide checklists to be used during continuing education and development process.

11.1 Buddy System

At any time during the orientation process, the supervisor may assign the new employee to work directly with a veteran employee to facilitate the transition into the workplace. This provides the new employee with an opportunity to validate his or her progress, and an atmosphere to build constructive and productive working relationships.

12.0 VISITORS & VENDORS

All visitors and vendors must comply with applicable Facility rules and regulations concerning HSE. Visitors and vendors who are to be at the Facility for more than 5 days will be required to attend a full orientation.

Alternatively, those who are on site at the Facility from one to five days will be required to attend a basic visitor's orientation (Attachment 2). Visitors will be escorted at all times at the Facility.

13.0 SPECIALIST TRAINING

Many employees at the Facility may require specialist training and certification where necessary, above the Facility orientation. Special training shall include in all sub-headings listed below, the Hazards associated with each one, and controls that can be implemented to reduce the risk as low as reasonably practicable (ALARP). Special Training may include:

- Safety Leader Workshop
- Process Safety Management
- Respirator protection
- Work in confined spaces
- Safe work observation
- Traffic control
- Safety/Fire watch
- Scaffold Operations (erection/dismantling)
 Users
- Program Hazardous Waste Facility S&H Training

- Cranes & Material Handling
- Suspended personnel platforms
- Articulating boom platforms
- Forklift operation
- Non-destructive Testing
- Powder-actuated tools
- · Rigging Methods
- Steel Erection
- Radiological Hazards
- Hazard Awareness Training

14.0 FACILITY TRAINING DOCUMENTATION

- The Training Coordinator prepares and distributes reports on Facility training including metrics on progress towards achieving the Facility Training Plan.
- The Facility Manager or Contractor Responsible evaluates achievement of the Facility training goals and achievement of the Facility Training Plan.

15.0 RE-TRAINING

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Retraining shall be provided where appropriate for the Facility.

16.0 JUST-IN-TIME TRAINING

The concept of "Just in Time" Training is to provide specific training relating to specific activities just prior to a specific task or scope of work being performed, emphasis is placed on tasks with significant risk as identified within the Specialist Training section above.

17.0 TRAINING ASSESSMENT

The HSE Responsible, Facility Manager or Contractor Responsible and other Facility management will monitor training performed at the Facility.

18.0 SAFETY/TOOLBOX MEETINGS

As a means of providing continued training on specific topics or issues of concern, all Contractors, manual and non-manual employees shall attend at least one safety meeting per week. The topics to be discussed can be varied but topical. Safety meetings shall be recorded and minutes retained on file. Safety meetings shall also be monitored by on Facility management.

19.0 ATTACHMENTS

- 1. EOM-KS0-TP-000009 Supervisors Orientation Checklist
- 2. EOM-KS0-TP-000010- Visitor Orientation Checklist
- 3. EOM-KS0-TP-000011- New Employee Education and Development Checklist (Week 1)
- 4. EOM-KS0-TP-000012- New Employee Education and Development Checklist (Week 2)
- 5. EOM-KS0-TP-000013- New Employee Education and Development Checklist (Week 3)
- 6. EOM-KS0-TP-000014- New Employee Education and Development Checklist (Week 4)
- 7. EOM-KS0-TP-000015- Level 1 Evaluation Sample Form Template
- 8. EOM-KS0-TP-000016- Level 3 Evaluation Sample Form Template



Attachment 1 - EOM-KS0-TP-000009- Supervisors Orientation Checklist

SUPERVISOR'S NAME:	DATE:					
ORIENTATION CONDUCTED BY:						
Upon completion of this checklist, the supervisor and safet designated space indicating that the following information						
SAFETY & HEALTH STANDARDS The safety and health Standards of the Owner are integrated within the HSE Execution Plan. It is the supervisor's responsibility to ensure that these standards, as they apply to the work under his/her direction, are properly considered. It is important that supervisors have a general knowledge of these standards in order to plan their work activities.	SUPERVISOR SAFETY MEETINGS Supervisor safety meetings are conducted weekly. Attendance of these meeting is mandatory and attendance records shall be kept on file. During these meetings, the safety information relative to employee safety meetings must be reviewed. These meetings are conducted by the CSM/FM, or designed and the MSE representative.					
The safety policy revolves around the premise that all accidents, unusual events, and injuries are preventable. Each supervisor shall apply this principle during the course of his/her work.	or designee, and the HSE representative. EMERGENCY PROCEDURES Each supervisor must be familiar with the emergency procedures developed so that they may provide the leadership required to cope with serious injuries, fires, evacuations, and other such circumstances or emergencies.					
GENERAL SAFETY & HEALTH RESPONSIBILITIES The first-line supervisor has a key role in the administration and execution of the systems of the safety and health process. It is the responsibility of each supervisor to plan safety into his/her work activities each day to ensure that all steps are taken to provide employees with the knowledge and work environment to perform activities without incident or injury.	INCIDENT INVESTIGATIONS Supervisors are required to participate actively in the investigation of any accident that results in: 1. Personal injury to an employee under their supervision.					
DISCIPLINARY ACTIONS The first-line supervisor is responsible for correcting unsafe acts and conditions. This includes taking disciplinary actions with employees as necessary.	FIRST-AID AND MEDICAL SERVICES Supervisors shall ensure that all employees are aware of their obligations to immediately report all injuries, however minor, to their supervisor and first-aid representative.					
ZERO ACCIDENTS The "Zero Accidents Philosophy" means that all accidents/injuries are preventable and that Contractor is committed to achieving and sustaining "Zero Accident Performance" through continuous improvement practices.	FIRE PROTECTION AND PREVENTION Supervisors are expected to maintain a constant awareness of the fire potential in their area of responsibility. If a potential fire hazard is noted, the supervisor shall initiate corrective action and report the incident to their supervisor.					
SAFETY IN THE WORK PLACE Each supervisor is expected to be familiar with the working conditions within his/her area of responsibility. Supervisors are charged with communicating deficiencies and issues of non-conformance to their immediate supervisor. In situations where an accident or injury is imminent because of an action or condition, the supervisor has the authority to cease work activities regardless of where the incidence occurs.	EMPLOYEE SAFETY MEETINGS Supervisors must conduct daily safety meetings with the employees under their supervision. These meetings must include information regarding work plans, potentially hazardous operations, accident prevention methods, accident statistics, and other such accident prevention techniques. These meetings should promote a positive attitude and provide an opportunity for open discussion with employees.					
SAFE WORK PRACTICES When making work assignments, the supervisor must include instructions regarding safe practices, work methods, and use of personal protective equipment. The supervisor is responsible for ensuring employees have the proper personal protective equipment and employees under their supervision utilize suitable tools.	SAFETY MEETING QUALITY SURVEY Various members of Contractor management team will attend the daily employee safety meetings as observers. The objective of the observation is to ensure that matters concerning safety and health are communicated effectively to employees.					
JOB HAZARD ANALYSIS Supervisors are responsible for participating in the JHA process.	OWNER FACILITIES Supervisors must be familiar with the Owner's Safety, Health and Environmental Standards that apply to the scope of work being performed.					
OTHER:						
Supervisor Signature	Safety Representative Signature					



Attachment 2 - EOM-KS0-TP-000010- Visitor Orientation Checklist

<u> </u>
prior authorization
Signature



Attachment 3 - EOM-KS0-TP-000011- New Employee Education and Development Checklist (Week 1)

EMPLOYEE NAME:	DATE:
EMPLOYEE/BADGE NO.:	SUPERVISOR:
This form is to be completed by the first-line supervisor with the ecompletion of the orientation session, initial the form in the designate of the employee and supervisor. Return to the HSE Department up	ed areas indicating the information was reviewed to the satisfaction
FIRE & EMERGENCY RESPONSE REQUIREMENTS Explain location of fire alarms and what to do in the event of fire or another emergency. Cover the following:	HOUSEKEEPING BASICS Review the importance of good housekeeping and what is expected of each employee during the work day. Explain: Maintaining a clean work environment Clean up at the end of each work day Clean up when a work assignment is complete Proper disposal of trash and unused materials INCIDENT REPORT REQUIREMENTS Stress the necessity of reporting near miss incidents, accidents and/or injuries when they occur.
Maintaining access to fire-fighting equipment Reporting fires and other emergencies Where to return empty fire extinguisher Show employee where to locate emergency telephone numbers	Emphasize that early reporting and early treatment will help to reduce the severity of an injury.
and how to use the emergency system. FACILITIES INFORMATION/REQUIREMENTS Cover the location and use of restrooms and wash facilities Explain: The smoking/open flame restrictions Use of Owner facilities Review the use of lunchroom and canteen facilities. Point out where the facilities are located	Explain that failure to report an injury when it occurs may jeen adjace workers' compensation benefits. Explain that reporting all incidents is a key to developing and implementing methods to prevent reoccurrence. Emphasize that there will be NO retaliation measures taken against any employee who reports a work-related injury/illness in accordance with injury/illness procedures. Discuss the Near Miss Incident Report
TOOLS AND EQUIPMENT (If Applicable)	MEDICAL AUTHORIZATION REQUIREMENTS
Define the use of tools and indicate where the tool room facilities are located. Review the following: How to obtain tools from the tool room System for repairing tools Use of tools in restricted areas Removal of tool guards and safety devices Use of tools for their intended purpose Color code system and reporting defective tools	Explain how to obtain authorization to seek medical treatment for work-related injuries. Show employee where to report for medical treatment and how to get emergency assistance or help immediately. OTHER: Name of Buddy/Veteran:
HSE: ESSENTIAL INFORMATION Review the following:	
Location of the safety office and services provided by the HSE Department How to obtain protective clothing and its proper use How to obtain respiratory equipment and its proper use Requirements regarding the use of personal protective equipment (PPE) including safety glasses, fall protection equipment, protective footwear, special protective clothing,	The following is a summary of the information discussed during the meeting with employee:
hearing protection, gloves, hard hats, face shields, goggles, and welding/cutting equipment Cautions regarding long hair, beards, and jewelry around operating machinery Review the smoking policy	
SUPERVISO	DR REVIEW
REVIEWED BY: D/	ATE:
	AFETY DEPT. INITIALS.

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Attachment 4 - EOM-KS0-TP-000012- New Employee Education and Development Checklist (Week 2)

EMPLOYEE NAME:	DATE:
EMPLOYEE/BADGE NO.:	SUPERVISOR:
This form is to be completed by the first-line supervisor during the session, initial in appropriate space provided and return to the HS	e employee's <u>second</u> week of employment. Upon completion of the E Department.
COMPRESSED GAS CYLINDERS Show employee where compressed gas cylinders are stored and the proper use of safety chains to secure gas cylinders in the upright position. Cover the following: Proper separation of fuel gas and oxidizing cylinders Replacement of cylinder caps when not in use, stored, or transported Reporting defective cylinders to the tool room personnel and the supervisor Proper use, transport and storage of cylinders in the upright position. Cylinders must be transported in handcarts designed to ensure cylinders remain in an upright position Removal of cutting torches and gauge assemblies from cylinders when not in use and at the end of the work day Frequent inspection of hoses, gauges, and bottles for defects Removal of any dirt or foreign material in cylinder valves by cracking the valve open to remove such material. Ensure that valve, hoses connections, and other parts of the systems are not contaminated with oil or other petroleum based materials. USE OF TOOLS AND EQUIPMENT Ensure that employee understands what special training and licenses are required for the use or operation of tools, equipment, and machinery. Vehicles such as trucks are not tools appropriated without proper licenses. Explain the importance of properly using and maintaining company-supplied equipment and tools. Emphasize the importance of reporting damaged or defective tools and equipment. Discuss methods to avoid hand injuries and provide examples of pinch points and other "hand traps." Define the use of tools and indicate where the tool room system for repairing tools Use of tools in restricted areas Removal of tool guards and safety devices Use of tools for their intended purpose Color code system and reporting defective tools	ELECTRICAL TOOLS & EQUIPMENT Review the proper use of electrical tools and the importance of not removing guards of rendering other safety features inoperative. Explain the procedure for: Disconnecting electrical tools from their power source when not in use Hanging electrical cords and temporary electrical systems at least seven feet above the floor on insulated hangers designed for this purpose Explain how to perform a pre-operational inspection on motorized and electrical equipment prior to their use. (Include gas-powered tools in this discussion, if applicable). MATERIAL HANDLING REQUIREMENTS Define the methods to use for securing loads on trucks, wagons, forklifts, and other equipment used to transport materials. Include in the discussion. Methods for transporting pipe and other supplies ten feet or thore in length. Forklifts are not allowed to be used to transport pipe, metal or other materials which are longer than ten feet (10") on streets. Forklifts must have a flashing light in operation while inside buildings or other enclosures; or one employee must be in front of and to the rear of the forklift while in operation inside buildings or enclosures. Explain the proper use of JLG's, scissors lifts, man-lifts, and manbaskets. Include the following: Lifting equipment shall not be used as an elevator. Employees may not ascend or descend on a piece of lifting equipment and exit onto a work level. The controls of lifting equipment shall not be abandoned while the equipment is in use. Equipment operators must be qualified authorizing them to operate lifting equipment. OTHER: Name of Buddy/Veteran:
cutting operations. Ensure employee understands that special permits are required to perform work which generates sparks or open flames. Explain the mandatory use of a fire watch while performing such operations.	
SUPERVIS	OR REVIEW
REVIEWED BY:	DATE:
EMPLOYEE INITIALS:	SAFETY DEPT. INITIALS.

Document No.: EOM-KS0-PL-000001 Rev 001 | Level-3-E - External



Attachment 5 - EOM-KS0-TP-000013- New Employee Education and Development Checklist (Week 3)

EMPLOYEE NAME:			DATE:			
EMPL	OYEE/BADGE NO.:		SUPERVISOR:			
	orm is to be completed by the first line supervisor during th n, initial in appropriate space provided and return to the Saf		ployee's <u>third</u> week of employment. Upon completion of the epartment.			
	Inform employee of where electrical disconnects are located for machinery. Indicate the importance of maintaining a clear access to electrical equipment. Ensure employee is aware of how to report electrical equipment problems.		Caution employee not to perform work if they feel they have not been given sufficient instruction or training. Explain how to receive additional instructions if they do not understand the proper procedures or methods to perform their work. All work must be performed in a safe manner.			
	Review the importance of obeying Facility speed limits and traffic signs.		Explain what is expected of employees and the actions that may take place if they fail to follow instructions.			
	Show employee where the Hazardous Communication Program, Chemical Protection System, and MSDSs are located. If applicable.	(B)	cenerally review purpose of following all safety rules, regulations, and procedures, and stress that the safety of employees is of prime importance.			
	Review the importance of properly storing chemicals and the hazards involved with storing flammable materials and aerosol cans on or near welding operations.	P	Define the rules regarding entry into production areas or other unauthorized areas.			
	Explain potentially hazardous conditions and chemicals in the employees assigned work areas		OTHER: Name of Buddy/Veteran:			
	Discuss the value of keeping work area clear of unsafe equipment or materials.					
	Review in detail the importance of locking out equipment and other energy systems prior to starting any work. Emphasize that only Owner personnel can operate permanent plant valves, switches and other plant equipment.		following is a summary of the information discussed during meeting with employee:			
	Explain the principles and purpose of the "Open Door Policy."					
	Stress the need for continuous teamwork with all employees.					
	Ask employees if they have any questions or concerns prior to going to work.					
	SUPERVISO	OR R	EVIEW			
REVIE	EWED BY: D	ATE:				
EMPL	OYEE INITIALS: S.	AFET	Y DEPT. INITIALS.			



Attachment 6 - EOM-KS0-TP-000014- New Employee Education and Development Checklist (Week 4)

EMPL	OYEE NAME:		DATE:
EMPL	OYEE/BADGE NO.:		SUPERVISOR:
	rm is to be completed by the first line supervisor during the <u>fropriate</u> space provided and return to the HSE Department.	<u>fourth</u>	week of employment. Upon completion of the session, initia
	SCAFFOLD REQUIREMENTS Explain the scaffolding procedures and the scaffold tagging system. Include: Working on defective or incomplete scaffolds Modification of systems by authorized personnel BARRICADE REQUIREMENTS Review the barricades and barricade tape procedures. Explain the meaning of: Yellow and Black – Caution		EYE PROTECTION Review the requirements regarding eye protection. Emphasize that industrial grade (ANSI Z-87 or equivalent) safety glasses are required always, even while performing welding operations. Explain that certain tasks require additional eye protection. While using a side grinder, use of face shield and safety glasses is mandatory. BASICS OF BACK INJURY PREVENTION
	 Red and Black – Danger Red "Danger" - No entry into areas so marked HAZARDOUS WORK PERMITS Define when and where entry and work permits are required. 		Explain the basic elements of the Contractor Back Injury Prevention Program, including: Using proper lifting techniques when lifting materials by hand. The importance of obtaining additional help to lift heavy or
	Explain: The definition of a "confined space." Conditions defined as "hot work." Reasons for Excavation/Trenching permits		awkward loads. Contractor's continued and frequent emphasis on back injury prevention (e.g., through Tool Box Talks, Safety Meetings, Newsletters, etc.) Use of the morning stretching exercises.
	USE OF FALL PROTECTION Explain how to inspect safety harness and lanyards prior to use, how lanyards should be tied off to a substantial object located overhead, and correct use of the D-ring.		OTHER:
	Review the general use of ladders. Explain that ladders are color coded to show when they were inspected. Only ladders with a current inspection shall be used. Emphasize that all ladders must be secured always when in		
	use. They may be secured by tying them off with a safety rope, by someone holding them while in use, or they may be secured with safe-t-legs if so equipped. No one can work at any level above the second step from the top of a ladder.	The	following is a summary of the information discussed during
	 Stepladders shall not be used in a folded position as a straight ladder. The use of tables, chairs, cement blocks, wire reels, etc., as ladders is strictly prohibited. 		meeting with employee:
	, ·		
RE\/II	SUPERVISO EWED BY: D		EVIEW
			Y DEPT. INITIALS.

A&FM HSE Orientation and Training Plan

Attachment 7 - EOM-KS0-TP-000015- Level 1 Evaluation Sample Form Template

Please circle the appropriate response after each statement. Your input will help us evaluate this workshop and improve future ones. Thanks for your candid feedback.

Evaluation	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree			
Overall Satisfaction	Diougico	Diougioo	Houtiui	Agioo	Agioo			
I was satisfied with this course.	1	2	3	4	5			
2. I will recommend this course to my	1	2	3	4	5			
colleagues	1		3	4	Э			
Valuable Use of Time								
3. The session was a valuable use of my time.	1	2 \	3	4	5			
Job Impact		1112						
4. I will apply what I learned on the job.		2	3	4	5			
Learning Effectiveness		,						
5. I learned new knowledge and / or skills.	Makir	2	3	4	5			
Supervisor Engagement	100							
6. Prior to attending, my supervisor and t	Y							
discussed how this course fits into my	1	2	3	4	5			
development plan.								
Courseware								
	1	2	3	4	5			
7. I found the course materials easy to navigate	· '	_			Ů			
8. I felt that the course materials (e.g. slides,								
handouts, etc.) will be essential for my	1	2	3	4	5			
success.								
Environment		T -	1 -	T -	I			
9. I was pleased with the classroom facility.	1	2	3	4	5			
Instructor(s)		1	ı	ı				
10. I was well engaged by the facilitator	1	2	3	4	5			
throughout the course	-		J	7	9			
11. My learning was enhanced by the facilitator's	1	2	3	4	5			
knowledge of the subject matter	'		3	7	J			
Objectives								
12. I understood the learning objectives.	1	2	3	4	5			
13. The course satisfied the stated learning	1	2	3	4	5			
objectives	'		J	4	3			
Open Ended Questions:								

Open Ended Questions:

15. What were 1-2 things you found least useful in the course (please be as specific as possible)?

^{14.} What were 1-2 things you found most useful in the course (please be as specific and detailed as possible)?



16.	Do you have any other recommendations to improve the course (i.e. course duration, delivery,
	technology challenges, content revisions, etc.)?

Attachment 8 - EOM-KS0-TP-000016- Level 3 Evaluation Sample Form Template

Please circle the appropriate response after each statement. Your input will help us evaluate this workshop and improve future ones. Thanks for your candid feedback.

Evaluation	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	
Overall Satisfaction	· ·	· ·				
1. I was satisfied with this course.	1	2	3	4	5	
I have recommended this course to my colleagues.	1	2	3	4	5	
Valuable Use of Time)			
3. This course was a valuable use of my time.	1	2	3	4	5	
Job Impact						
4. I have applied what I learned in this course on the job.	10	2	3	4	5	
on the job. 5. Please provide 1-2 specific examples and describe their impact on your organization.						

Le	Learning Effectiveness						
6.	I learned new knowledge and / or skills from	1	2	3	4	5	
	this course.						

^{7.} What were the 1-2 most important things you learned from this course and what was their relevance to your job?

Supervisor Engagement								
8. After the course, my supervisor and I discussed how to apply what I learned on the job.	1	2	3	4	5			