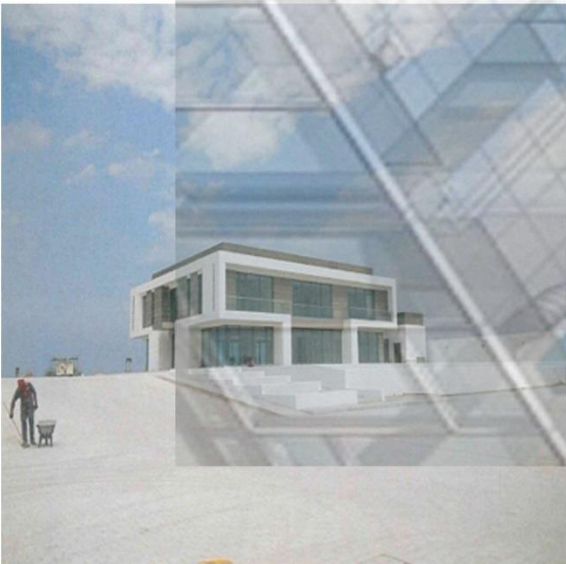




AL FAKHER
electromechanical contg



AL FAKHER
ELECTROMECHANICAL CONTG L.L.C
THE COMPLETE MEP SOLUTION





PREQUALIFICATION

Al Salmeen Building,
Maried, Al Nakheel, Ras Al Khaimah, UAE
Tel: - 971 7 22 76562, Fax: 971 7 22 76563
Mobile : + 971 50 690 4162
Email: info@alfakheremc.ae, fakherem@eim.ae

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- ❖ Organization chart
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- ❖ Safety policy
- ❖ Client list
- ❖ Photo gallery

Submitted By:

Al Fakher Electromechanical Contracting Company LLC

Al Salmeen Building, Maried, Al Nakheel, Ras Al Khaimah, UAE

Tel: - 971 7 22 76562, Fax: 971 7 22 76563 Mobile : + 971 50 690 4162

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COVER LETTER

Al Fakher Electromechanical Contracting Company LLC
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Tel: - 971 7 22 76562, Fax: 971 7 22 76563 Mobile : + 971 50 690 4162
Email: info@alfakheremc.ae, fakherem@eim.ae



Dear Sir,

WE AL FAKHER ELECTROMECHANICAL CONTRACTING COMPANY LLC is so pleased to submit the prequalification.

Al Fakher Electromechanical Contracting Company LLC business has bound its foundations on the technical know – how, customer confidence and relationship with personnel, both in and outside the organization. We exhibit technical skills in the field of Electro mechanical profile and are one of the most reputed and professionally managed companies.

Al Fakher performs complete supply of reputed brands, installation, testing, trouble shooting and commissioning tasks, including maintenance of sites and plants in MEP field.

OUR VISION

To be the most accounted & reputed organization to change the way towards modernization through innovation and modern technology.

OUR MISSION

To Provide best quality service, enlarge our and customer knowledge, by exchanging ideas and learning in the process to convey products of our efforts to the world.

Al Salmeen Building,

AL FAKHER ELECTROMECHANICAL CONTRACTING COMPANY LLC

Al Fakher Electromechanical Contracting Company LLC
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COMPANY PROFILE



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AL FAKHER
ELECTROMECHANICAL CONTG L.L.C

THE COMPLETE MEP SOLUTION



HVAC Services

Al Fetcher MEP company can provides all kinds of HVAC services in UAE with high quality.



VRF Services

Al Fetcher Mep is well versed in all kinds of VRF Services In UAE with quality and timely.



MEP Services

AL Fetcher Electro Mechanichal contracting can manage all kinds of Mep Jobs..

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We Are Always Ready To Serve You Electro Mechanically

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The top management of Al Fakher Electromechanical is committed to the development and improvement of an effective quality Management System

Communicating to the organization the importance of meeting all customers, regulatory and legal requirements.

Establishing the quality policy for total commitment to excellence and the associated quality objective

Identifying and acquisition of control, process, equipment, fixtures, resources and skills need to achieve the required quality



**Professional MEP
Company.
BEST MEP COMPANY**

Al Fakher Electromechanical Contracting Company LLC
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Tel: - 971 7 22 76562, Fax: 971 7 22 76563Mobile : + 971 50 690 4162
Email: info@alfakheremc.ae, fakherem@eim.ae



LICENSE COPY



تجديد
Renew

رخصة مهنية
Professional License

رقم السجل المركزي الموحد 10289817 Federal Registry No
رقم السجل المحلي 31875 Local Registry No
رقم الرخصة 29882 License Number
اسم الاقتصادى الفاكه للمقاولات الكهروميكانيكية ذ.م.م.
Business Name AL FAKHER ELECTROMECHANICAL CONTG LLC
اسم المختصر
Acronym
الشكل القانونى شركة ذات مسؤلية محدودة
Legal Type Limited Liability Company

Business Activities / الأنشطة الاقتصادية

اسم النشاط (انجليزي) Activity Name (En)	اسم النشاط (عربي) Activity Name (Ar)	رقم التسلسل Serial #
Electromechanical Equipment Installation & Maintenance	اعمال تركيب المعدات الكهروميكانيكية وصيانتها	1
FIRE FIGHTING & SAFETY EQUIPMENT INSTALLATION & MAINTENANCE	تركيب واصلاح نظم معدات السلامة و إطفاء الحريق	2

العنوان / Address

Unit Including / مشتملات الوحدة	الوحدة / الوحدة	مالك العقار / Landlord	الشارع / Street	المنطقة / Zone
		ورته سالمين ثاني خلفان السويدي بوكالة حمد سالمين ثاني خلفان السويدي	الشارع العام	منطقة المعبريض

ص.ب.	P.O Box	رقم الهاتف المتحرك	0506904162	Mobile	هاتف	072238213	Tel	فاكس	Fax
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تاريخ التأسيس	07/08/2008	Est. Date	تاريخ التجديد	29/10/2019	Renewal Date	تاريخ الانتهاء	28/10/2020	Expiry Date
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رقم الايصال	TX349468	Receipt No	تاريخ الايصال	29/10/2019	Receipt Date
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ملاحظات

تقوم هذه الرخصة بمثابة شهادة سجل مهني

This Document is considered as Professional Registry



الرئيس
President



UNITED ARAB EMIRATES
MINISTRY OF INFRASTRUCTURE
DEVELOPMENT



الإمارات العربية المتحدة
وزارة تطوير البنية
التحتية

شهادة تسجيل Sub Contractor - Electrical WIRING works - BUILDING

EQ_28731

: Registration No / رقم التسجيل

AL FAKHER ELECTROMECHANICAL CONTG L L C

: Commercial Name / الاسم التجاري

Ras Al Khaimah

: Address / الإمارة

(07) 227-6562

: Phone / الهاتف

12273

: PO.Box / ص . ب /

(07) 227-6563

: Fax / الفاكس

للأعمال الكهربائية للفئة الخامسة وبعدها أقصى 200 كيلوات (وحد أقصى 10 مساكن لمشاريع المساكن) لمشاريع الوزارة شريطة حصوله على موافقات الهيئات المختصة حسب موقع كل مشروع.

: التوصية / Recommendation

16/04/2019

: Issue Date / تاريخ الإصدار

15/04/2020

: Expiry Date / تاريخ الانتهاء

180102729847

: Receipt No. / رقم الإيصال

26/12/2018

: ReceiptDate / تاريخ الإيصال

ملاحظة: - هذه الشهادة صادرة من وزارة تطوير البنية التحتية ولا تحتاج إلى توقيع أو ختم رسمي.
- تعتبر هذه الشهادة ملغية في حال إنتهاء صلاحية الرخصة التجارية.



بطاقة تسجيل شركة



AL FAKHER ELECTROMECHANICAL CONTG LLC	:	الاسم المسجل
29882	:	رقم الرخصة التجارية المسجلة
BBA-4613	:	رقم التسجيل
Contractor Soles	:	نوع التسجيل
01/01/2020	:	تاريخ بداية صلاحية التسجيل
01/01/2021	:	تاريخ نهاية صلاحية التسجيل
ملاحظات:		



عند وجود أي تعديل أو تغيير في بيانات الشركة خلال الفترة أعلاه يتم التعديل على موقع الأشغال العسكرية www.dmw.gov.ae

أرقام التواصل بما يخص العطاءات هاتف 0097124962270 والفاكس 0097124962204 والبريد الإلكتروني info@dmw.gov.ae



SCOPE OF ACTIVITY



HVAC Solutions

- DX – Decorative & ducted split units
- DX - Package units
- DX – VRF
- Chiller system & piping
- Ducting works

Electrical Solutions

- Wiring and light fixing
- Cabling and end termination
- Cable tray and trunking works
- Panel Board & DB Erection
- Control Panel wiring

Plumping Solutions

- Drinking water connections
- Drainage water connections
- Toilet / Bath room / Kitchen fittings

Networking solutions

- Communication (voice & data) networking
- PA system

BMS solutions

- BMS control wiring
- OFC cabling & batch panel erection

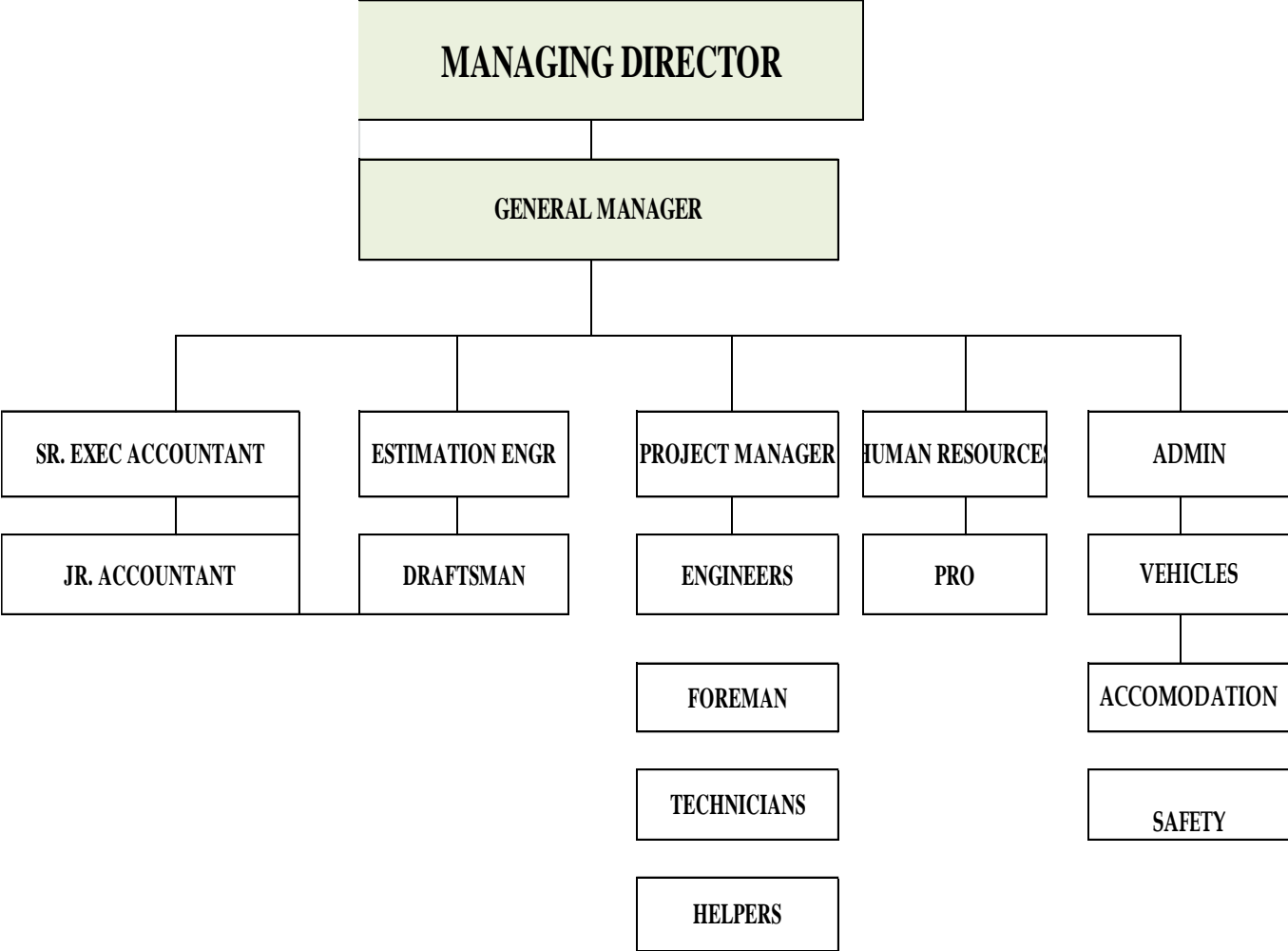
Designing

- Electrical / Plumping Drawing Design
- HVAC Ducting / Chill water piping Drawing Design.



ORGANISATIONAL CHART

ORGANISATION CHART





QUALITY ACTIVITIES

QUALITY POLICY

We are committed to the highest customer satisfaction by providing high quality HVAC technical implementation of an effective and continually improved quality management system.

We have our commitment towards maintain a high level of quality and strong customer service within an environment that has safety as a first priority is focused on the customers, and foster continual improvement. We believe that Quality is an integral part of the entire business operation.

This quality manual shall define the organization's commitment:

- By demonstrating its ability to consistently provide quality service that meets customer and applicable regulatory requirements,
- By addressing customer satisfaction through the effective application of the system, including process for continual improvement and the prevention of nonconformity.
- Through employee empowerment, especially for innovative action to improve the department's performance,
- Through orderly change management that will maintain a high level of service in technologically complex and fast – paced environments both to accommodate technological change and for continual improvement of the technical skills and capability. The Quality Manual provides an overview of the quality and key requirements. It is the source of reference for all matters dealing with quality. It is available for inspection by our customers, potential customers, third party quality auditors, and regulatory agencies.

Process describes all other business requirements that are necessary to manage and control resources, and to conduct business in an orderly manner. The support process are implemented and managed in accordance with the applicable requirement.

1.1 Effective quality

The top management of Al Fakher Electromechanical is committed to the development and improvement of an effective quality Management System.

This commitment is demonstrated by;

- Communicating to the organization the importance of meeting all customers, regulatory and legal requirements.
- Establishing the quality policy for total commitment to excellence and the associated quality objective.
- Conducting Reviews.
- Identifying and acquisition of control, process, equipment, fixtures, resources and skills need to achieve the required quality.

1.1 Customer Focus

Top management of Al Fakher Electromechanical contracting ensures that customer needs and expectations are determined, converted in to requirement, and fulfilled with the aim of meeting or exceeding those expectations. The specific needs of our customers are determined through continual verbal and written communications, as well as periodic visits to their facilities to better understand their individual processes. It is the responsibility of all personnel that interface with customers to access states or implied needs and bring them to the attention of top management so that they may be addressed. To continually improve, the department also monitors, measures, and analyzes customer satisfaction throughout the business cycle. The department also meets all of its other obligations including regulatory and legal requirements.

1.2 Quality Policy

The top management has defined its quality policy. This policy includes the organization's commitment for meeting customer requirements and to continual improvement.

Quality policy statement:-

- The quality Policy of Al Fakher Electromechanical Contracting is to provide high and consistent quality I the services in HVAC and MEP field. We are always mindful of the fact that the services we provide affect the comfort and performance of the end user.
- Our commitment is to the safety and accurate work of our customers, thereby ensuring the safety and comfort.
- All work is done in through applicable technical and administrative operation policies and procedures, legal and regulatory requirements and specific customer requirements.
- Through front line input and management leadership, we will continue to improve pour people and process to anticipate, meet and exceed the needs of our customers.
- We support the continually improving quality of our customer's maintenance and other technical operations through the services we provide. The quality policy and quality objectives are relevant to the department's organizational goals and the expectations and needs of its customers. These concepts have been communicated to all employees within the scope of the QMS. Quality concepts have been integrated in to Al Fakher Electromechanical Contracting culture. The top management of Al Fakher Electromechanical Contracting ensures that its Quality Policy is understood. This is accomplished through training, communication and displays



SAFETY POLICY



Safety Policy

Al Fakher Electromechanical Contracting is committed to providing a safe and healthful workplace for its employees and sub-contractors. Safety and health shall be a primary consideration in the design, procurement, installation, use, and maintenance of all company facilities, equipment, tools, supplies, materials, processes, and operations.

As a condition of employment, all personnel are required to comply with company safety regulations and to act in a safe manner while on the job. Employees are to promptly report accidents, injuries, unsafe acts or unsafe conditions to their supervisor.

All sub-contractors are to utilize this safety program or submit their own for review by management.

Safety Program Goal

It is the goal of Al Fakher Electromechanical Contracting to eliminate all preventable accidents and to comply with all laws, regulations and recognized safe practices pertaining to employee safety and health. It is the intent of this written program to ensure that Al Fakher Electromechanical Contracting meets the goal stated above.

Management Responsibility

It is the responsibility of management to:

- Support supervisors/foremen through providing safety material and topics to be used at safety meetings.
- Provide the resources necessary to maintain and implement safety into the company.
- Ensure that proper personal protective equipment (PPE) is available for all employees and enforce the use of the equipment as needed.
- Ensure the supervisors and employees are properly trained in required safety skills.
- Ensure that all accidents and near-miss incidents are investigated promptly and that corrective action is taken to correct any unsafe acts or condition(s).

Foreman/Supervisor Responsibility



It is the responsibility of the foreman/supervisor to:

- Enforce all safety and health rules and policies and take corrective action, including discipline, as needed.
- Conduct daily jobsite inspections for hazards and safety violations and take corrective action as needed.
- Maintain a safe worksite through appropriate and immediate attention to unsafe acts, unsafe working conditions, and poor housekeeping.
- Investigate all reported near misses, accidents and unsafe acts in a timely manner and take appropriate action.
- Assist management in the safety orientation and training of new employees on the recognition of unsafe conditions and ensure that all employees understand the contents of the written safety program.
- Conduct weekly safety meetings to provide continuous training and awareness of safety.
- Enforce the use of all personal protective equipment.
- Inform management, in a timely manner, of the need for safety equipment and PPE.

Employee Responsibility

It is the responsibility of the employee to:

- Follow all safety rules, policies and procedures.
- Report all unsafe acts and conditions to the supervisor/foreman immediately.
- Utilize all personal protective equipment necessary for duties.
- Conduct daily inspections of tools and materials for defect and remove and report unsafe tools.
- Report accidents and near misses immediately to supervisor or management.
- Attend and participate in safety meetings.



- Provide insight and ideas regarding safety to management.
- When using prescription medication during working hours, the employee must provide the foreman with a letter from his/her physician verifying the type of medication, and that it will in no way impair the employee's ability to perform all the tasks associated with his/her job.

Training and Orientation

- New employees will be given an orientation during which the company's safety policy and procedures will be reviewed. This orientation will occur before any work is performed. All personal protective equipment will be disbursed at this time and instruction on the proper use and storage of the equipment will be covered.
- Employees will be trained on the recognition of potential hazards and safety regulations regarding the jobs they will perform.
- All employees will be made aware of the location of emergency telephone numbers and first-aid kits, the names of employees trained to render first-aid treatment and CPR, and the names and locations of physicians on the Panel of Physicians. .
- Training and orientation of employees will be documented through the use of a checklist, employee sign-off sheet, or other suitable method. This record will be stored in the employee's personnel folder.

Worksite Hazard Analysis

- A pre-construction inspection will be conducted, prior to any job, by management and/or the supervisor/foreman to determine potential safety hazards.
- A pre-construction safety meeting will be conducted, prior to beginning work on any job, to discuss any safety hazards that may be encountered. Employees attending the meeting will be asked to provide insight on any potential hazards that may arise regarding the operations.
- A brief safety meeting will be conducted at the beginning of each business day to review safety hazards pertinent to the duties of the day.
- The supervisor/foreman will conduct jobsite walk-through inspections daily. All hazards and unsafe conditions detected will be corrected immediately.

ACCIDENT/INCIDENT REPORTING AND INVESTIGATION

Purpose

These procedures prescribe methods and practices for reporting and investigating accidents and incidents at all jobsites of Al Fakher Electromechanical Contracting. These procedures provide a means to deal with job site accidents and incidents in a standardized way. In addition, it is the policy of Al Fakher Electromechanical Contracting to comply with all workers' compensation laws and regulations.

Procedures

- Employees injured on the job are to report the injury to the job site foreman, or other level of management, as soon as possible after the accident or incident.
- First aid, or other appropriate medical treatment, shall be provided, or obtained, for the injured employee(s).
- "Near miss" incidents shall be reported to the supervisor/foreman as soon as possible after the event so that an investigation can be made before conditions change.
- The supervisor/foreman shall complete an Accident Investigation Report after, observing the accident site, interviewing the injured employee, any witnesses, and other relevant people. The report should be complete by the end of the workday, but not more than 24 hours after the accident. If circumstances, such as hospitalization of the injured employee, delay the report, a preliminary report must be submitted.
- The supervisor/foreman shall immediately notify management, by telephone or radio, of serious injuries (requires more than first aid).
- Any employee witnessing an accident/incident at a job site shall call for emergency help and provide whatever assistance appears necessary. In addition, the employee is to immediately report the accident/incident to site supervisor/foreman and take part in answering questions related to the accident.



RULES OF CONDUCT

All employees must realize that rules of conduct are necessary for a safe and efficient operation. These rules are established to protect everyone on the site and will be enforced fairly and impartially.

The following actions by an employee can result in disciplinary action up to and including termination.

Class A Violations

One (1) violation of the following type (not all-inclusive) may lead to immediate termination.

- Disregard of safety rules and/or other acts that endanger you and/or others.
- Willfully endangering the lives of others.
- Any horseplay.
- Insubordination, refusal to follow supervisor's instructions.
- Proof of fraud (an intentional act of deceit).
- Falsifying company records.
- Possession of dangerous weapons or illegal drugs on company property, vehicles or job sites.
- Willful destruction of company equipment, property or supplies.
- Consumption of alcoholic beverages on company property, vehicles, or job sites.
- Intoxication or under the influence of drugs while on the job.

- Absences for three (3) consecutive workdays and failure to properly notify your immediate supervisor.
- Unauthorized removal of company, client or their employee's property from the project.

Class B Violations

The following actions (not all-inclusive) call for a written reprimand and, if repeated, may result in termination.

- Disregard for safety rules and practices.
- Failure to report injuries.
- Repeated absences or tardiness (repeated being defined as twice in a week, five times in a month or eight times in a year).
- Loitering or wasting time during working hours.
- Poor work performance, both in quality and quantity.
- Violation of quitting time procedure or leaving work area prior to designed time.



POLICY ON DRUGS AND ALCOHOL

Background

Al Fakher Electromechanical Contracting is firmly committed to the health and safety of our employees, the quality of our products and services, the efficient operation of our company, and the health and safety of our customers and the public. The company considers the influence of drugs and alcohol in the workplace to be detrimental to our employees and to our continued growth and future success.

Al Fakher Electromechanical Contracting is committed to maintaining a drug-free and alcohol-free workplace, and to doing its part to eradicate substance abuse in our community. In furtherance of these commitments, Al Fakher Electromechanical Contracting policy on drugs and alcohol is as follows:

Statement of Policy

Any involvement with illegal or unauthorized drugs on company time, on company property, at any time or place during the workday (including breaks and meal periods), when reporting or returning to work under the influence of drugs, or in company vehicle is strictly prohibited. Employees who violate this rule will be subject to disciplinary action up to and including discharge.

An “illegal drug” is any drug that is not legally obtainable. An “unauthorized drug” is any drug other than alcohol which may be legally obtainable, but for which the employee has no legal prescription for, is using in a manner other than as prescribed by the employee’s physician, or (in the case of other medications or substances) is using other than in accordance with applicable directions. The term “involvement” means any possession, use, manufacture, dispensation, distribution, purchase, sale, or being under the influence of any illegal or unauthorized drug.

Employees shall not use alcoholic beverages at any time or place during the workday (including breaks and meal periods), or report or return to work under the influence of alcohol. Employees who violate this rule will be subject to disciplinary action up to and including discharge.

Employee offices, desks, lockers, personal property of employees (such as toolboxes), company vehicles, and privately owned vehicles on company property are subject to searches for drugs and other evidence of violations of company policy. Any employee who refuses to consent to a search of their person or property will be subject to disciplinary action up to and including discharge.



Drug and Alcohol Testing

1. Post-Accident/Injury Testing

Employees who are involved in occupational injuries requiring medical treatment other than first aid for themselves or others will be subject to testing.

2. Refusal of Testing

Any employee, who refuses to be tested, refuses to sign the necessary acknowledgement and consent forms, or who attempts to alter or tamper with a sample or any other part of the testing process will be subject to disciplinary action up to and including discharge.

3. Reasonable Cause

4. Follow-up to Employee Assistance Program (If EAP provided)

5. Testing Procedures

A laboratory or health-care provider chosen by the company will perform all testing. All positive screening tests will be subject to confirmation testing.

Changes

This policy is not a contract between the company and any of its employees, or an offer to contract, and is subject to change at any time, as the company in its discretion deems appropriate. In addition, the company reserves the right to test employees at times not specifically delineated in this policy.



GENERAL SAFETY AND HEALTH REQUIREMENTS

General Safety Rules

The following general safety rules apply to all persons working on the job site. These rules must be observed at all times.

- Report all unsafe practices, conditions, equipment, or tools to you supervisor immediately.
- All injuries, regardless of how minor, must be reported to your foreman immediately.
- Familiarize yourself with your job and its hazards prior to beginning work. In the case that you are unsure of the hazard or how to continue safely, request assistance from your supervisor.
- Employees are not permitted to work if under the influence of drugs or alcohol. Employees must agree to post accident drug and/or alcohol testing.
- Fighting, horseplay, and other inappropriate conduct in the workplace are prohibited.
- Roped-off barricaded areas identified as safety hazards may be entered only by authorization of supervisor responsible for the work.
- All chemical containers must be correctly labeled to identify its contents and must be properly stored.
- Appropriate personal protective equipment must be used when required. (Depending on safety hazards present, this may include safety glasses, hard hats, gloves, hearing protection, foot protection, respiratory protection, and fall protection equipment or other protective devices.)

- Machine guards and safety devices must be in place before power tools and equipment are operated. Tools and equipment will be inspected daily and defective tools and equipment will be taken out of service and tagged “Do Not Use.”
- Tools and equipment must be kept clean and in good working condition. Tools and equipment will be maintained and used according to manufacturer’s recommendations.
- Employees may not operate equipment on which they have not been trained and/or do not have experience
- Always use the right tool for the job. Improvising to save time may prove to be hazardous.
- Portable ladders in use must be tied, blocked or otherwise secured to prevent them from movement. All ladders used must be in good condition.
- Metal ladders must not be used for electrical work or where they may come in contact with electrical conductors.
- Store all materials, tools, and equipment neatly and appropriately.
- Do not enter any tank, vessel, or confined space (limited access) unless properly trained and authorized to do so by your supervisor through a properly completed written Confined Space Entry Permit.
- Employees are not to ride as passengers on construction equipment nor are they to ride in the bed of pickups.
- Workplaces must be maintained in a neat and orderly manner. During the course of construction, alteration, or repairs, form and scrap lumber with protruding nails, and all other debris shall be kept cleared from work areas, passageways, and stairs, in and around buildings or other structures. Garbage and other waste shall be disposed of at frequent and regular intervals.
- Always dress properly and wear clothing that fits properly and is in good condition. Shirts with a collar and at least short sleeves, long pants and good work shoes are the minimum requirements.



- Where walking/working surfaces may be slippery or become slippery, shoes with slip resistant soles must be worn.
- Jewelry, especially rings and dangling necklaces, can cause serious injury if it gets caught in rotating equipment, on nails or screws, ladder rungs, scaffolding or various type of building materials, therefore, rings and dangling jewelry must be removed prior to working where they can get caught. This applies especially when working at elevations.
- Use proper lifting techniques or material handling equipment to prevent strain and sprain injuries. Get help to move heavy or bulky objects.
- All employees exposed to falling 6-feet or more from an unprotected side or edge shall select a guardrail system, a safety net system or a personal fall arrest system to prevent falls to a lower level, unless otherwise provided for in OSHA regulations that apply to residential construction, and steel erection.
- Scaffolds must have guardrails and toe boards installed on all open sides and ends of platforms more than 10 feet above the ground or floor.
- Drivers of company vehicles must have a valid operator's license. All employees will use seat/shoulder belts when operating or riding in a vehicle being used for company business. Vehicles must be operated within posted speed limits and applicable state vehicle laws.

First Aid

- Unless 999 is available in the work area, emergency numbers will be posted at the job site, in company vehicles, in the first aid kits, or at all three locations.
- In the case of an emergency, contact your supervisor immediately. In the case that a supervisor cannot be reached, send someone to seek help.
- A first aid kit will be in all job site trailers, equipment storage rooms and company vehicles. The kit will be inspected weekly for usage and replacements will be made as needed.
- Inured employees, except in emergency situations, must see one of the company approved physicians (Panel of Physicians) posted at the job site, in company vehicles, in the first aid kits, or at all three locations.



Vehicle Safety

Only authorized, trained, and licensed, personnel are to operate over-the-highway and industrial motor vehicles. Industrial motor vehicles include equipment such as: forklifts, man-lifts of various types, bull dozers, tractors, backhoes, etc.

Vehicle Operation

- It is the responsibility of all vehicle operators to wear their seatbelt and drive according to the law.
- Always check the load for stability and security.
- All equipment and supplies shall be stored properly.
- When view is blocked during backing up, honk horn two times and utilizes assistance when available.
- Speed limits are to be followed and when necessary speed shall be reduced to prevent an accident. Reduce speed in adverse weather.
- If you are involved in an accident, contact the office immediately.
- If stopped by an official, report to the office immediately, regardless of infraction or not.
- Utilize the 3-5 second rule. Pick a spot ahead of the car ahead of you. When that car passes that point, begin counting, if you cross the point before 3-5 seconds, slow down.
- No more than three people may ride in the front of a pick-up.



Vehicle Maintenance

An overall vehicle inspection shall be done daily. Check:

- All fluids: oil, transmission fluid, washer fluid, fuel;
- Tires, wipers, windshields and lights;
- Horns and back up alarms;
- Brakes and steering;
- Windows and rear view mirrors.

Report any defective or missing equipment to your supervisor. **DO NOT OPERATE VEHICLE UNTIL REPAIRS ARE MADE IF IT IS CONSIDERED UNSAFE.**

FIRE PROTECTION AND PREVENTION

Fire Extinguishers

- Tampering with, or unauthorized use of, fire extinguishers are strictly prohibited.
- Portable fire extinguishers of proper size and rating will be located in each job site trailer, equipment storage room, company vehicle, and operational equipment.
- Fire extinguishers will be inspected at least monthly and maintained.
- Fire extinguishers will be obtained prior to starting welding or open flame operations and will be kept in the area of such operations.

WALKING WORKING SURFACES

Housekeeping

- The work area shall be kept clean and orderly. All debris, including scrap lumber with protruding nails, must be cleared from work areas, passageways, and stairs in and around the construction site at all times.
- Combustible scrap and debris must be removed at regular intervals and disposed of properly.
- All work areas are to be cleared at the end of each workday. Oily, flammable, or hazardous waste or debris such as paints, thinners, oily rags, etc., will be disposed of in clearly marked containers and disposed of daily.

Stairways

- On all structures, two or more floors (20 feet or over) in height, stairways, ladders or ramps must be provided for employees during the construction period.
- All parts of stairways must be free of hazardous projections, such as nails.
- Debris and other loose material must not be allowed on or under stairways.
- Slippery conditions on stairs must be eliminated as soon as possible after they occur.
- Permanent steel or other metal stairways, and landings with hollow pan-type treads that are to be filled with concrete or other material must be filled to the nosing with solid material until the actual construction takes place.
- Metal landings must be secure in place before filling.
- Temporary stairs must have a landing not less than 30 inches, in the direction of travel, at every 12 feet of vertical rise.
- Rise height and tread width must be uniform throughout any flight of stairs.
- Every flight of stairs having four or more risers must be equipped with standard stair railings or standard handrails. A standard stair railing consists of top rail, an intermediate rail, posts, and has a vertical height of 30-34 inches. A standard handrail is similar, but is mounted on a wall or partition and does not include an intermediate rail. It has a height of 30-34 inches.

Floor and Wall Openings

- A floor opening is defined as an opening measuring 2 inches or more in its least diameter in any floor, roof, or platform through which a person may fall.
- Floor openings must be guarded on all exposed sides by a standard top rail, mid-rail and 4-inch toe boards or must be closed over with a cover.
- Hatchways and chute floor openings must be guarded by hinged covers or by removable standard railings.
- Whenever there is danger of fallings through a skylight opening, it must be guarded by a standard railing on all exposed sides or a cover capable of withstanding a load of at least 200 pounds applied perpendicularly at any one area on the cover.
- All covers in walking/working surfaces or roofs shall be color-coded or shall be marked with the word "HOLE" or "COVER" to provide warning of the hazard.



- A standard railing with 4-inch toe boards or a floor hole cover that is secured against accidental displacement must guard floor holes.
- A wall opening is an opening at least 30-inches high and 18-inches wide through which persons may fall. Wall openings from which there is a drop
- Every open side floor or platform 4 feet or more above the adjacent floor or ground level must be guarded by a standard top rail and mid-rail or the equivalent except where there is an entrance to a ramp, stairway, or fixed ladder. The railing must have a 4 inch toe board whenever persons can pass beneath the open sides, or there is moving machinery with which falling material could create a hazard.
- Runways must be guarded by a standard top rail and mid-rail on all open sides 4 feet or more above the floor or ground. Wherever tools, machine parts, or materials are likely to be used on the runway, a 4-inch toe board must be provided.

TOOLS - HAND AND POWERED

Hand Tools

- A wrench, including adjustable, pipe-end and socket wrenches must not be used when jaws are sprung to the point that slippage occurs.
- Impact tools, such as hammers, wedges, and chisels, must be kept free of mushroomed heads.
- All tools, company issued and personal, must be inspected daily for splinters, cracks and loose joints. Any tools with defects must be removed from the work site and tagged "DO NOT USE."
- Always use the proper tool for the job.

Power Tools

- Power tools are designed to accommodate guards; they must be equipped with such guards when in use. Belts, gears, shafts, pulleys, sprockets, drums, fly wheels, chairs or other reciprocating, rotating or moving parts of equipment must be guarded.



- All manufacturers' warnings and safe operating procedures for tools will be followed.
- The use of electrical cords for hoisting and/or lowering tools is not permitted.
- Electric power tools must be industrial or heavy-duty grade, with approved double insulated wiring or grounded.
- All portable, power-driven circular saws must be equipped with guards above and below the base plate or shoe.
 - a) The upper guard must cover the saw to the depth of the teeth, except for the minimum arc required to permit the base to be tilted for level cuts. The lower guard must cover the saw to the depth of the teeth, except for the minimum arc required to allow proper retraction and contact with the work.
 - b) When the tool is withdrawn from the work, the lower guard must automatically and instantly return to the covering position.
- All pneumatically driven nails, staplers, and other similar equipment provide with automatic fastener feed, which operate at more than 100 psi must have a safety device on the muzzle to prevent the tool from ejecting fasteners unless the muzzle is in contact with the work surface.
- Compressed air must not be used for cleaning purposes, except where reduced to less than 30 PSI, and then only with effective chip guarding and personal protective equipment such as goggles and/or face shield.
- All compressed air hoses exceeding ½ inch diameter must have a safety device at the source of supply to reduce pressure in case of hose failure.

Power-Actuated Tools

- Only employees, who have been trained and received a certificate of operation, are allowed to operate powder-actuated tools.
- The tool must be tested each day before loading to see that safety devices are in proper working condition. The method of testing must be in accordance with the manufacturer's recommended procedure.



- Any tool found not in proper working order, or that develops a defect during use, must be immediately removed from the work site and tagged “Do Not Use” until properly repaired.
- Tools must not be loaded until just prior to the intended firing time. Neither loaded nor empty tools are to be pointed at any employees. Hands must be kept clear of the open barrel end.
- Loaded tools must not be left unattended.
- Fasteners must not be driven into very hard or brittle materials including, but not limited to, cast iron, glazed tile, surface-hardened steel, glass block, face brick, or hollow tile.
- Driving into material easily penetrated must be avoided unless such material is backed by a substance that will prevent the pin or fastener from passing completely through and creating a flying missile hazard on the other side.
- Tools must not be used in an explosive or flammable atmosphere.
- All tools must be used with the correct shield, guard, or attachment recommended by the manufacturer.
- The operator must warn those near his workplace that he is about to discharge the tool.

MATERIAL HANDLING

General

- When mechanical handling equipment is used, sufficient safe clearances shall be allowed for aisles, at loading docks, through doorways, and wherever turns or passage must be made.
- Aisles and passageways shall be kept clear and in good repair, with no obstacles across or in aisles that could create a hazard.
- Permanent aisles and passageways shall have appropriate markings.



Storage

- Storage areas must be kept free from accumulation of materials that constitute hazards from tripping, fire, explosion, or pest harborage. Vegetation control will be exercised when necessary.
- All materials stored in tiers must be stacked, racked, blocked interlocked, or otherwise secured to prevent sliding, falling or collapse.
- Aisles and passageways must be kept clear to provide for the free and safe movement of material handling equipment or employees. Such areas must be kept in good repair.
- Materials must not be stored on scaffolds or runways in excess of supplies needed for immediate operations.
- Structural steel, poles, pipe, bar stock, and other cylindrical materials, unless racked, must be stacked and blocked to prevent spreading and/or tilting.
- Materials ten (10) or more feet in length, being manually transported, require an employee on each end of the material.



Material Handling Equipment

1. Hoists

a) Material Hoists

- Rated load capacities, recommended operating speeds, and special hazard warnings or instructions must be posted on cars and platforms.
- Wire ropes must be removed from service when they show signs of damage or serious wear.
- In hoisting ropes, if six randomly distributed broken wires in one rope lay or three broken wires in one strand in one rope lay are found, the rope shall be removed from service and tagged "Do Not Use."
- Hoisting ropes must be installed in accordance with the wire rope manufacturer's recommendations.
- Safe operation of all hoisting equipment must be followed at all times.



HAZARD COMMUNICATION PROGRAM

Introduction

The goal is to reduce the number of chemically related occupational illnesses and injuries.

Hazard Determination

All hazardous chemicals in this facility are purchased materials; there are no manufactured or intermediate hazardous chemicals. Therefore, Al Fakher Electromechanical Contracting shall rely on the hazard determination made by the chemical manufacturer.

A. Material Safety Data Sheets:

When chemicals are ordered, the purchaser shall specify on the purchase order that chemicals are not to be shipped without corresponding material safety data sheets.

When MSDSs arrive, they will be reviewed for completeness by (title of person responsible for safety). Should any MSDS be incomplete, a letter will be sent immediately to the manufacturer requesting the additional information.

A complete file of MSDSs for all hazardous chemicals, to which employees of this company may be exposed, will be kept in labeled binders in the (Location of binders).

MSDSs for hazardous chemicals used by departments will be kept in labeled binders in office of the respective departments. MSDSs will be available for employees during each work shift. Should unavailable, please contact supervisor immediately.

B. Labels and other forms of warning:

The Hazardous Communication Standard requires that manufacturers label hazardous chemicals. The label must contain the following:

- a) Chemical identity.
- b) Appropriate hazard warnings
- c) Name and address of the chemical manufacturer, importer, or other responsible party

When chemicals are ordered by (title of person ordering), the purchase order will indicate the need for the above stated information to be included on the labels or the order will not be accepted.

When chemicals are transferred from the manufacturer's containers to secondary containers, the supervisor will ensure that the containers are labeled with the identity of the chemicals and appropriate hazard warnings.

The entire labeling procedure will be reviewed annually by (title of safety person) and changed as necessary.

C. Non-routine Tasks:

The responsible supervisor will identify hazardous non-routine tasks at specific job sites.

Prior to any employee beginning a hazardous non-routine task, he/she must report to supervisor to determine the hazards involved and the protective equipment required.

D. Unlabeled Pipes:

Work activities are often performed in areas where chemicals are transferred through pipes (these pipes are not required to be labeled). However, the employee needs to be aware of potential hazards. Prior to starting work in areas having unlabeled pipes, the employee shall contact the supervisor to determine:

- a) The identity of the chemical in the pipes.
- b) Potential hazards.
- c) Safety precautions



E. Multi-employer Workplaces:

Often one or more contractor works concurrently on-site. In the case that a Sub-contractor does not have a written program, they will be asked to follow Al Fakher Electromechanical Contracting Hazard Communication Program and provide Al Fakher Electromechanical Contracting with the following:

- a) A Hazardous Chemical Inventory List and applicable MSDSs.
- b) Information on any precautionary measures that need to be taken to protect employees.
- c) The chemical labeling system used.

All sub-contractors will be provided with the above information from Al Fakher Electromechanical Contracting.

It is the responsibility of the Supervisor to ensure that all MSDSs of chemicals that will be used on the job site are made available at a central location in the workplace along with the labeling system used. All sub-contractors will be informed of the availability of this information and its location by letter.



PERSONAL PROTECTIVE EQUIPMENT PROGRAM

PPE Program Policy

Employees using hand and power tools and those who are exposed to falling, flying, abrasive, splashing objects, dusts, fumes, mists, vapors, or gases will be provided with the particular protective equipment and associated training necessary by (title safety person) to protect them from the hazard.

Personal protective equipment must be used and maintained in a sanitary condition at all times. Employees are to follow the guidelines provided on use and care of all personal protective equipment. Improper use and care of ppe will not be tolerated. Employees who violate this rule will be subject to disciplinary action up to and including discharge.

All employees of Al Fakher Electromechanical Contracting will be instructed on the proper use, care and maintenance of personal protective equipment prior to use.

All new employees will be issued a hard hat and safety glasses prior to beginning work with Al Fakher Electromechanical Contracting. Employees are required to provide their own safety-toed work boots. Al Fakher Electromechanical Contracting will provide special needs such as prescription safety glasses or goggles that will fit properly over prescription glasses. Special equipment, such as face shields, respirators, hearing protection and gloves, will be issued on a need basis.



Head Protection

Issued hard hats, meeting ANSI Z89.1 standard, are required.

All hard hats are to be worn correctly. Persons wearing hats under their hard hat and/or wearing them backward will be cited for a safety violation.

Hard hats must be inspected daily for damage and weaknesses. The company safety officer will inspect any hard hat that has been involved in an accident before it is used again.

Eye and Face Protection

Approved (meets ANSI Z87.1 standard) safety glasses are required during: chipping, cutting, breaking, sawing, drilling or any activity that poses a hazard to the eyes.

Face shields are required for grinding, welding, chemical handling, and other operations that pose a hazard to the face and forehead. Safety glasses shall be worn underneath the face shield.

Face and eye protection equipment shall be kept clean and in good repair.

Foot Protection

Where walking/working surfaces may be slippery, or become slippery, shoes with slip resistant soles must be worn.

Body and Clothing Requirements

A regular work shirt, or a T-shirt with short sleeves, and long pants will be worn at all times. Excessive jewelry and loose clothing are not allowed.



Hand Protection

While utilizing tools and handling materials that could cause injury to the hand, appropriate gloves shall be worn.

Leather gloves shall be worn when working with sharp or abrasive material.

Rubber gloves shall be worn when working with solvents and/or chemicals.

FALL PROTECTION POLICY

Policy

Al Fakher Electromechanical Contracting requires 100% continuous fall protection for all employees. All employees will be trained on the recognition of fall hazards and measures to prevent them prior to beginning work for Al Fakher Electromechanical Contracting. Al Fakher Electromechanical Contracting will provide all fall arrest systems.

All jobs and duties shall be assessed for fall hazards and appropriate measures shall be made to prevent falls prior to beginning any duties.

Ladders

- All ladders must be maintained in good repair. Ladders with broken or missing rungs or steps, broken or split side rails, or other faulty or defective construction must not be used. Any ladder with a defect must be removed from the worksite and tagged "Do Not Use."
- Portable ladder feet must be placed on a firm, substantial base.
- The area around the top and bottom of the ladder must be kept clear of debris, cords, welding leads, and other tripping hazards.
- Portable ladders shall be used at such a pitch that the horizontal distance from the top support to the foot of the ladder is about one-quarter of the working length of the ladder.
- Ladders are not to be used in a horizontal position as platforms, walk boards, runways, or scaffolds.
- Ladders must not be placed in passageways, doorways, driveways, or any location where they may be displaced by activities conducted on any other work, unless protected by barricades or guards.



- Ladder rails must extend at least 3 feet above the upper landing surface to which the ladder is used to gain access. If it is necessary to extend the ladder less than 3 feet, the ladder shall be secured at the top to a rigid support that will not deflect and grab rails, which provide a secure grip for an employee moving to or from the point of access, must be installed.
- Portable ladders in use must be tied, blocked or otherwise secured to prevent them from movement.
- Portable metal ladders must not be used for electrical work, or where they may come in contact with electrical conductors.
- Prior to ascending and descending a ladder, the employee shall ensure that the ladder is secured against displacement, and extends at least 36 inches above the landing.
- Ladders shall not be used to support scaffold boards, unless properly designed and constructed ladder jacks are used and the platform does not exceed a height of 20 feet.
- Hands must be free from tools and equipment when climbing on a ladder.

Scaffolding

- All manufacturer's directions, load capacities, and height requirements shall be followed when scaffolds are used.
- All scaffolds will be inspected before use.
- The footing or anchorage for scaffolds must be sound, rigid, and capable of carrying the maximum intended load without settling or displacement. Unstable objects such as barrels, boxes, loose brick, or concrete blocks must not be used to support scaffolds or planks.
- A supervisor (or other competent person) must supervise all scaffolding erection, movement, dismantling, or alteration.
- Guardrails and toe boards must be installed on all open sides and ends of platforms more than 10 feet above the ground or floor. Scaffolds 4 feet to 10 feet in height, having a minimum horizontal dimension in either direction of less than 45 inches, must have standard guardrails installed on all open sides and ends of the platform.



- Guardrails must be 2 x 4 inches, or the equivalent, approximately 42 inches high, with a mid-rail when required. Supports must be at intervals not to exceed 8 feet. Toe boards must be a minimum of 4 inches in height.
- Fall protection will be used in the case that guardrails cannot be properly installed.
- Where persons are required to work or pass under the scaffold, scaffolds must be provided with a screen between the toe board and guardrail, extending along the entire opening, consisting of No. 18 gauge U.S. Standard wire ½ inch mesh or the equivalent.
- Overhead protection must be provided for workers on scaffolds exposed to overhead hazards.
- Slippery conditions on scaffolds must be eliminated as soon as possible after they occur.
- No welding, burning, riveting, or open flame work must be performed on any staging suspended by means of fiber or synthetic rope. Only treated or protected fiber or synthetic ropes must be used for or near any work involving the use of corrosive substances or chemicals.
- Wire, synthetic, or fiber rope used for scaffold suspension must be capacity of supporting at least 6 times the rated load.
- Scaffolds and their components must be capable of supporting without failure at least 4 times the maximum intended load.
- Any scaffold, including accessories such as braces, brackets, trusses, screw legs, ladders, etc., damaged or weakened from any cause must be immediately repaired or replaced.
- All scaffolds work platforms must be a minimum 18-inches wide. Platforms shall be fully planked between the front uprights and the back guardrail.
- All planking or platforms must be overlapped, a minimum of 12 inches, or secured from movement.
- Platform planks must be laid with their edges close together so the platform will be tight with no spaces through which tools or fragments of material can fall.
- Employees shall not climb scaffold frames or braces.



- All scaffolds shall be provided with properly secured access ladders.
- Scaffold planks must extend over their end supports between 6 inches and 12 inches.
- The poles, legs or uprights of scaffolds must be plumb, and securely and rigidly braced to prevent swaying and displacement.
- Employees shall ensure that the wheels on manually propelled mobile scaffolds are locked.
- Manually propelled scaffolds are to be moved only when all employees are off of the scaffold.
- Scaffolds must be secured against tipping by guying, tying, bracing, or other equivalent means. When scaffolds over 3 feet wide exceed heights 4 times their width, the scaffold must be secured beginning at 4 times the width height, then at intervals not greater than 26 feet vertically and 30 feet horizontally. Scaffolds less than 3 feet wide must be secured beginning at 4 times the width, and then secured at 20 feet vertical intervals.

Body Harnesses and Lifelines

- Where employees are exposed to falling 6-feet or more from an unprotected side or edge, Al Fakher Electromechanical Contracting will select either a guardrail system, safety net system, or personal fall arrest system to protect the worker.
- A personal fall arrest system shall consist of a full body harness, a shock-absorbing (deceleration) device, a lanyard, a self-retracting lifeline, proper connectors, and an adequate anchorage point.
- All parts of the fall arrest system will be inspected prior to each use to ensure that no parts is damaged or deteriorated. In the case that something is damaged, it is to be removed from the worksite and tagged "Do Not Use."
- In the case that a fall arrest system is utilized, it shall be removed from operation immediately and a new arrest system is to be issued.
- Fall protection will be utilized to prevent falls from ladders, lifts, elevated platforms, scaffolds, vessels, or any elevation in which there are no other means of protection from falling.



- Lifelines and lanyards must be secured above the point of operation to an anchorage point or structural member capable of supporting a minimum dead weight of 5,000 pounds. The anchorage must be independent of any anchorage being used to support or suspend platforms.
- Fall arrest systems must be rigged such that an employee can neither free fall more than 6 feet or contact any lower level.
- All body harness and lanyard hardware must be drop forged or pressed steel, or made of equivalent materials. Surfaces must be smooth and free of sharp edges and have a corrosion resistant finish.

Policy

Al Fakher Electromechanical Contracting is dedicated to the protection of its employees from on-the-job injuries. All employees of Al Fakher Electromechanical Contracting have the responsibility to work safely on the job. This plan is designed to enable employers and employees to recognize the fall hazards on this job and to establish the procedures that are to be followed in order to prevent falls to lower levels or through holes and openings in walking/working surfaces.

Purpose

- To supplement our standard safety policy by providing safety standards specifically designed to cover fall protection on this job.
- To ensure that each employee is trained and made aware of the safety provisions that is to be implemented by this plan prior to the start of erection.

Pre-work Conference

The pre-work conference will be conducted by the site supervisor or general supervisor and will include:

- Members of the erection crew.
- Crane crew.
- Supervisors of any other concerned sub-contractors.

The following will be discussed during the conference:

- Erection procedures and sequences pertinent to the project.
- Project specific safety practices.



Responsibilities of the Competent Person

- Implement the Fall Protection Plan.
- Continually perform safety checks of work operations.
- Enforce the safety policy and procedures.
- Correct any unsafe acts or conditions immediately.

Responsibilities of All Employees

- Understand and adhere to the procedures of this plan.
- Follow the instructions of the foreman.
- Report all unsafe hazardous conditions or acts.

Training

Each employee will be trained on the procedures and practices of utilizing non-conventional fall protection.

All personnel will be informed that the controlled access zones are off limits to all personnel other than those designated erectors specifically trained to work in that area.

Safety monitor training and duties:

- Warn by voice when approaching the open edge in an unsafe manner.
- Warn by voice if there is a dangerous situation developing which cannot be seen by another person involved with product placement, such as a member getting out of control.
- Make the designated erectors aware they are in a dangerous area.
- Be competent in recognizing fall hazards.
- Warn employees when they appear to be unaware of a fall hazard or are acting in an unsafe manner.



- Be close enough to communicate orally with the employees.
- Not allow other responsibilities to encumber monitoring.
- If the safety monitor becomes too encumbered with other responsibilities, the monitor shall:
 - a. Stop the erection process
 - b. Turn over the responsibilities to a designated erector
 - c. Turn over the safety monitoring function to another designated competent person
- The maximum number of workers to be monitored by **one** safety monitor is **six**.

Designated Erectors

Designated erectors are permitted to enter the controlled access zones and work without the use of conventional fall protection.

All designated erectors, under the safety monitoring system, shall be trained and instructed in the following areas:

- Recognition of the fall hazards in the work area.
- Avoidance of fall hazards using established work practices that have been made known to the employees.
- Recognition of unsafe practices or working conditions that could lead to a fall, such as windy conditions.
- The function, use, and operation of safety monitoring systems, guardrail systems and body belt/harness systems, control zones, and other protection to be used.
- The correct procedure for erecting, maintaining, disassembling and inspecting the system(s) to be used.
- Knowledge of construction sequence or the erection plan.

Non-Conventional Fall Protection

Activities that require non-conventional means of fall protection:

1. Connecting activity (point of erection)
2. Leading edge work
3. Unprotected sides or edge
4. Grouting.



Fall Protection Systems to Be Used on This Project

Where conventional fall protection is infeasible or creates a greater hazard at the leading edge and during initial connecting activity, we plan to do this work using a safety monitoring system.

Safety Monitoring System

A safety monitoring system means a fall protection system in which a competent person is responsible for recognizing and warning employees of fall hazards.

Limitations of the Safety Monitoring System

The safety monitoring system shall not be used when the wind is strong enough to cause loads with large surface areas to swing out of radius, or result in loss of control of the load, or when weather conditions cause the walking-working surfaces to become icy or slippery.

Control Zone System

A controlled access zone means an area designated and clearly marked in which leading edge work may take place without the use of guardrail, safety net, or personal fall arrest systems to protect the employees in the area.

Control zone systems shall comply with the following provisions:

- When used to control access to areas where leading edge and other operations are taking place the controlled access zone shall be defined by a control line or by any other means that restricts access.
- When control lines are used, they shall be erected not less than 6 feet nor more than 60 feet or half the length of the member being erected, whichever is less, from the leading edge.
- The control line shall extend along the entire length of the unprotected or leading edge and shall be approximately parallel to the unprotected or leading edge.
- The control line shall be connected on each side to a guardrail system or wall.
- Control lines shall consist of ropes, wires, tapes, or equivalent materials, and supporting stanchions as follows:



- a) Each line shall be flagged or otherwise clearly marked at not more than 6-foot intervals with highly-visibility material.
- b) Each line shall be rigged and supported in such a way that its lowest point (including sag) is not less than 39 inches from the walking/working surface and its highest point is not more than 45 inches from the walking/working surface.
- c) Each line shall have a minimum breaking strength of 200 pounds.

Holes

All openings greater than 12in. X 12in. will have perimeter guarding or clearly marked covering.

Prior to cutting holes on the job, proper protection for the hole must be provided to protect the workers. Perimeter guarding or covers will not be removed without the approval of the erection foreman.



Addendum A: **General Safety Rules**

The following general safety rules apply to all persons working for the company. These rules must be observed at all times.

- Employees may not operate equipment on which they have not been trained and/or do not have experience.
- Employees are not permitted to work if under the influence of drugs or alcohol. Employees must agree to post accident drug and/or alcohol testing.
- Fighting, horseplay, and other inappropriate conduct in the workplace are prohibited.
- Use proper lifting techniques or material handling equipment to prevent strain and sprain injuries. Get help to move heavy or bulky objects.
- Appropriate personal protective equipment must be used when required. (Depending on safety hazards present, this may include safety glasses, hard hats, gloves, hearing protection, foot protection, respiratory protection, and fall protection equipment or other protective devices.)
- Machine guards and safety devices must be in place before power tools and equipment are operated. Defective tools and equipment must be taken out of service and tagged "Do Not Use." Always use the right tool for the job.
- Never enter any tank, vessel, or confined space unless properly trained and authorized by your supervisor.
- Workplaces must be maintained in a neat and orderly manner. During the course of construction, alteration, or repairs, form and scrap lumber with protruding nails, and all other debris shall be kept cleared from work areas, passageways, and stairs, in and around buildings or other structures. Garbage and other waste shall be disposed of at frequent and regular intervals.
- Where walking/working surfaces may be slippery or become slippery, shoes with slip resistant soles must be worn.



- Portable ladders in use must be tied, blocked or otherwise secured to prevent them from movement. All ladders used must be in good condition.
- Metal ladders must not be used for electrical work or where they may come in contact with electrical conductors.
- All employees exposed to falling 6-feet or more from an unprotected side or edge shall select a guardrail system, a safety net system or a personal fall arrest system to prevent falls to a lower level, unless otherwise provided for in OSHA regulations that apply to residential construction, and steel erection.
- Scaffolds must have guardrails and toe boards installed on all open sides and ends of platforms more than 10 feet above the ground or floor.
- Drivers of company vehicles must have a valid operator's license. All employees will use seat/shoulder belts when operating or riding in a vehicle being used for company business. Vehicles must be operated within posted speed limits and applicable state vehicle laws.

Acknowledgement of receipt of a copy of General Safety Rules

I, _____, do hereby affirm that I have been given a copy

(Employee Name)

of the general safety rules, I have read and understand them, and I agree to follow them. Additionally,

I agree to post accident drug and/or alcohol testing.

(Employee Name)

(Date)

(Employer's Representative)

(Date)



COMMERCIAL PROJECTS

Commercial Projects

- Al Hamara projects (Town house and B class villas) from Al Hamara construction Co. (Electro RAK).
- G+M+5 building in RAK (Al Aweel building contracting)
- G+5 building, Ummal Quiene (ducted split unit installation and commissioning. (Al Aweel building contracting, Al Ajami consultant, Dubai)
- Mina Al Arab project (villas) duct works, ducted split unit installations (sub contract from Comfort zone, Sharjah) main contractor Al Ali.
- ED RAK G+\$, sub contract from AAA.
- Ajman commercial centre. Ducted split installation and commissioning.
- G+1 Villas (06 no's) in Wadi Al Khoob, MEP Works.
- G+7 building in Karama, Dubai. Sub-contractor from Faisal Jassim, Dubai
- G+5 building in Mina Al Arab.
- Mina Al Arab project G+ M+ 5 main contractors, ARJ Engineering Dubai.
- G+M+3P+17 commercial building, Sharjah(main contractor, Abu Hail)
- 20 no's villas MEP installation and commissioning.
- G+M+7 Sheriff DG, Dubai UAE
- G+M+12 Rakia FZC, RAK UAE
- St. Antony's Church(RAK) – Sub contract from Electro RAK.



CLIENT LIST



List of project executed

Commercial Projects

- Gargesh enterprises RAK (New Benz showroom) BMS , duct and chiller pipeline
- Higher college of technology women's RAK "C" block package unit installation and duct works, BMS and electrical works.
- BMS works in Dubai, AWQAF project, Mamzar from Hollywood Technical contacting, Sharjah.
- Albus tan hall Fujairah a/c installation and duct works from Air cool, Fujairah.
- ATC LTD fze Fujairah, A/C installation and duct works from Air cool, Fujairah.
- Sewaleah Sharja Bin Khalib technology duct works, cladding works from Air cool, Fujairah.
- Al Jazeera club Fujairah, duct works from Air cool, Fujairah.
- SMK showroom (electrical) MEP and AC works (Karan road, rak) for Al Naboodha group.
- Karan post office AC installation and commissioning (international consultant)
- Swiss chocolate factory, package unit installation and duct works (RAKIA).
- Chocolate Island in Safeer Mall new fixing chill water connections and commissioning.
- Fewa substations (Madam 1, Madam 2, Manama, Rams) package unit installation and duct work- consultant- Mott Mac Donald.
- ITDC MEP and AC work. Consultant- Middle East



- Ashok Leyland, new office block Electrical and AC installation and commissioning.
- Abu Dhabi Crude oil pipe line project (ADCOP) from China Petroleum engineering & Construction Corporation (CPECC) Fujairah, Electrical / BMS, control panel, AC installation and commissioning. Consultant- ILF Abu Dhabi.
- Falcon international package unit installation and duct works.
- HAMAX factory project (Harsha group) job in hand (DX unit and duct works) Touch of glass RAK and UAE – MEP and AC VRF system. Consultant - Capital
- Spinney's warehouse Chiller piping's, ducting's and commissioning. Consultant – Middle east.
- Saver glass Electrical for AC units and AC works. Consultant – SNC Lavelin.
- Choitram- Mina Al Arab, RAK – Total MEP works - Consultant – Totorontech, Dubai.
- Choitram- Julphar Tower, RAK- Total MEP works -Consultant – Totorontech, Dubai
- Star Cement, RAK, Consultant – FLSmidth – Electrical and HVAC works for 33Kva substation
- St. Anthony's church, RAK, Consultant – Zein Engineering consultant, RAK MEP works (Ducted split unit and package units) – Sub contract from Electro RAK
- Future Architectural Glass, RAK, Consultant – MEP and AC works Middle East.
- JK Cements, Fujairah Consultant – Middle east – Office block MEP works



- Al Hamara Mall, RAK - Consultant- Home of Architect- HVAC works
RAK Hospital, Consultant - Home of Architect. HVAC -Sub contract from Electro RAK
- Project – Air Liquid, Consultant –Infracone FZE , RAK Maritime city
Package units and VRF system and Electrical for AC System
- Project – Military works, Rak, Consultant – UAE Defense
Package units, VRF and ducted split units
- Swedinox International LLC – Complete MEP Work
- Twin tower: G+14 - Chilled water jobs - Main contractor Al Naumi,
Consultant -International Eng
- Nadia Show Room – Package unit installation – Main contractor Al Aweel,
Consultant – Al Bonian
- Medical & Health University, RAK – Main contractor Al Naumi, consultant –
Al Bonian.
 - FEWA Substation : 04 no's,(Small power and Lighting), Main contractor- NCC, Consultant –EnergO
 - Trice Chemical : MEP works, Main contractor – Eagle, Consultant – Middle East
 - Swedinox : MEP works, Consultant – Capital
 - Trinity International LLC – MEP works at Emirate School G+4, 6 Buildings
 - BMTc Building – 3rd and 4th floor – Complete MEP works
 - Model school, RAK – Duct split unit installation – Consultant – International Engineering.
 - Wedding Hall, RAK- HVAC Works – Al Ain Consultant
 - Radiant package industries – Consultant – Capital Engineering.



- Fatima Hyper market – Consultant – Union Engineering Consultant.
- RAK Court – MEP Works – Consultant – Home of Architecture.
- Al Raheeb school for girls, Dibba – Ministry of education.
- American university – HVAC works. Consultatant – Home of Architecture.
- G+M+4+PH Residential & Commercial Buildgs, UAQ. Main contractor – Al Neefa Contracting. Consultant – Modular Consultant.
- Germs Our Own English School, Sharjah. Consultant – National Bureau of engineering.
- Al Gandhi villa – Consultant – International engineering Consultant.
- Al Mardas metal - Consultant – Capital Engineering.
- AL Wadan School – Umm Al Quwaine School for boys.
- Spar steel industries LLC – Consultant – Capital Engineering.
- Helious Perfume industry – Consultant – Capital Engineering.
- Integra Cement Industries FZc – Consultant – Capital Engineering.



PROJECTS

Key Project Profiles

CPCCE-PROJECT: ADCOP
(Abudhabi crud oil pipe line, main terminal)
FUJARIAH-3



CPCCE-PROJECT: ADCOP (Abu Dhabi crude oil pipe line, main terminal)
FUJARIAH-3



CPCE - FUJAIRAH



CPCE - FUJAIRAH



DX UNIT & CHILLER INSTALLATION



FEWA SS – AL JABER CONTRACTING, CONSULTANT – MOTT MAC DONALD.



FEWA SUBSTATION 33KVA – AL JABER CONTRACTING, CONSULTANT – MOTT MAC DONALD





RAKIA ACCOMMODATION – AAA CONTRACTING.



MINA AL ARAB – AAA CONTRACTING



CHILLER JOBS – SPINNEYS AL GHAIL. CONSULTANT – MIDDLE EAST.



G+4 RAK



G+6 UMM AL QUWINE



PIPING WORKS – SPINNYS, AL GHAIL. CONSULTANT – MIDDLE EAST.



SPINNEY'S – AL GHAIL, CONSULTANT – MIDDLE EAST.



TOUCH OF GLASS – VRF SYSTEM



AHU DUCT WORKS & PIPING WORKS – SPINYS, AL GHAIL



SHAMAL SCHOOL – CHILL WATER SYSTEM -ABS PIPE. (MOID), SUB



PROJECT – AIR LIQUID- VRF SYSTEM



TWIN TOWER –B+G+2MEZZ+PODIUM+11G TYPICAL FLOORS

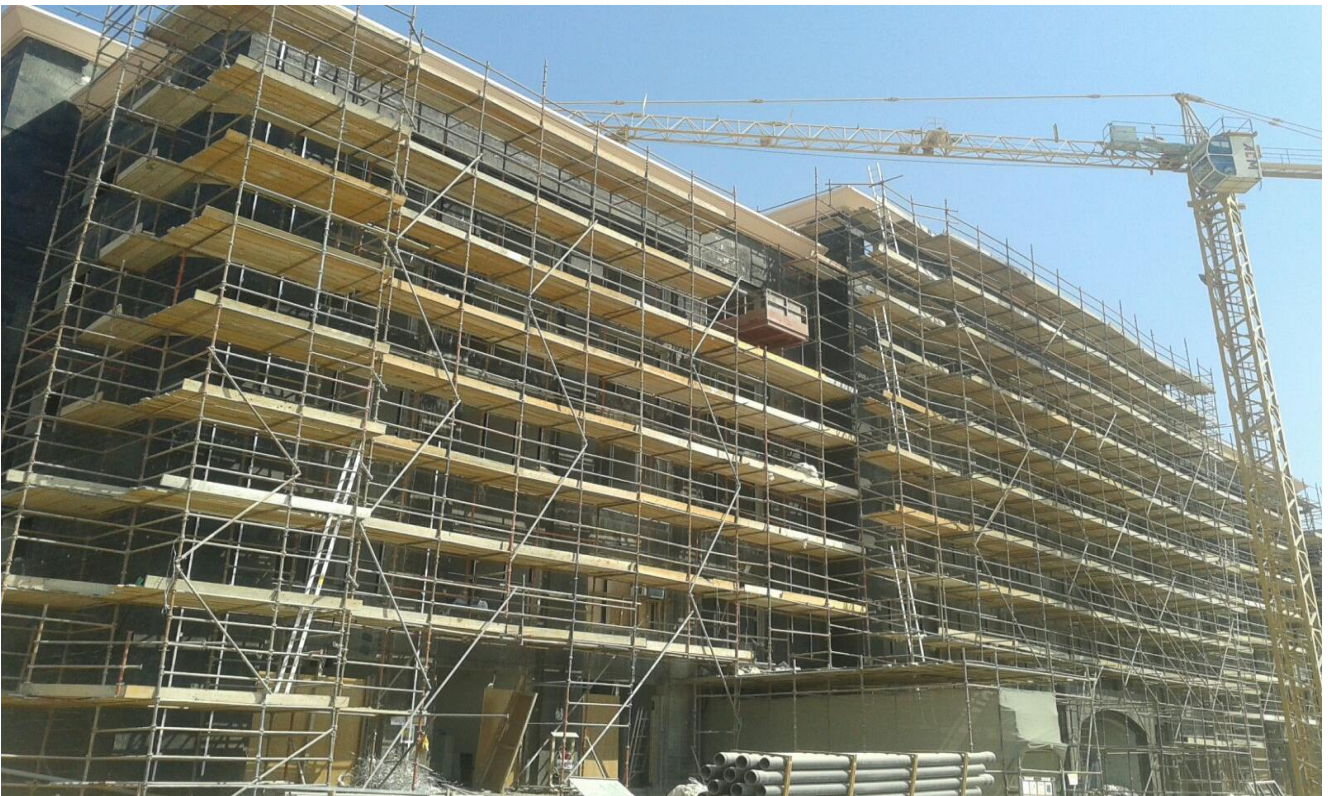


RAK MEDICAL HEALTH UNIVERSITY – VRF SYSTEM

CONSULTANT – AL BONIYAN, RAK



EMIRATES SCHOOL, RAK – MEP WORKS, MAIN CONTRACTOR – GANTHOOT GROUP
CHILLED WATER SYSTEM. CONSULTANT – INTERNATIONAL ENGINEERING
CONTRACT FROM AL NUAIMI GROUP LLC



PROJECT: WEDDING HALL, RAK, CLIENT – CROWN PRINCE COURT. CONSULTANT – ALAIN CONSULTANT
PROJECT – WEDDING HALL



- MANTENA INDIAN SCHOOL , SHARJAH – MAIN CONTRACTOR – AL NUAIMI ,
CONSULTANT - CAPITAL ENGINEERING CONSULTANT



- G+M+4+PH RESIDENTIAL & COMMERCIAL BUILDINGS, UAQ.
MAIN CONTRACTOR – AL NEEFA CONTRACTING, CONSULTANT –
MODULAR CONSULTANTS.



FATHIMA HYPERMARKET, RAK, CONSULTANT - UNION



U mm Al Quwain Boys School.



GEMS OUR OWN ENGLISH SCHOOL, SHARJAH – CONSULTANT - NATIONAL BUREAU OF ENGINEERING



- MANTENA INDIAN PRIVATE SCHOOL - CONSULTANT – CAPITAL Engineering



- AL GANDHI VILLA – CONSULTANT – INTERNATIONAL ENGINEERING CONSULTANT.



- INTEGRA CEMENT

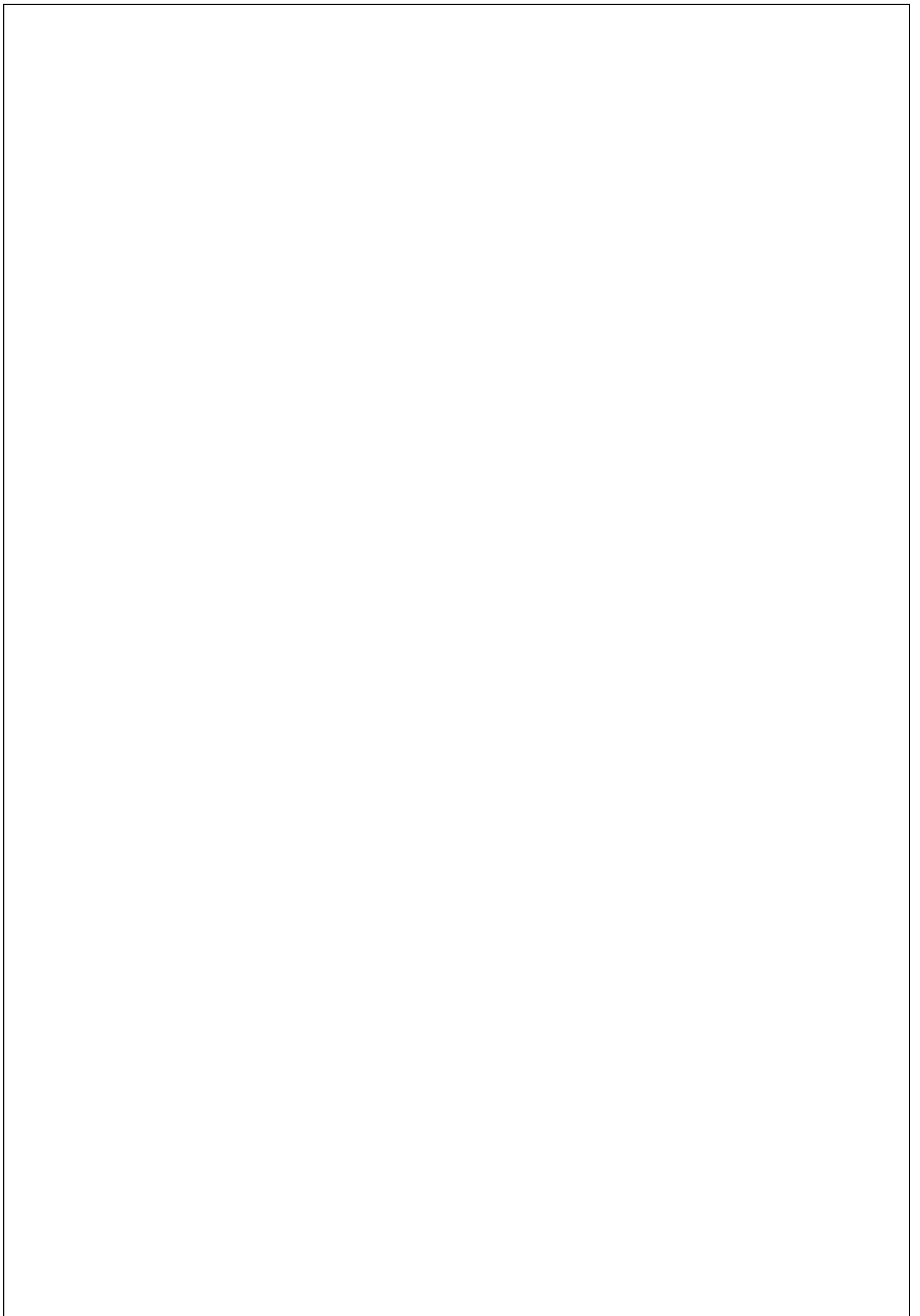


On Going Projects - HVAC

- Mantena Indian School, Sharjah – Consultant – Capital Engineering.
- Kennel 9, RAK. Client – Special task force. Consultant – International Engineering.
- Stevin Rock office Building, Al Ghail. Client – Stevin Rock - Consulatant – Arjan Architects.
- B+G+2+Gym, UAQ. Client – Union Cooperative society. Consultant – Future Art Engineering Consultancy
- Al Lesaily Girls High School, Al Lesaily. Client - Ministry of Infrastructure development. Consultant – Ministry of Infrastructure development
- Royal Villa, RAK. Client- Al Marjan. Consultant – JT Architectural & Engineering consultants
- G+M+3P+11, UAQ. CLIENT – Mohamed al salem al mlaihi al ali. Consultant – Gulsky engineering consultant

On Going Projects - MEP

- Excel plastic - Consultant – Capital Engineering.
- Pan Emirates showroom, Fujairah. Client – Pan Emirates. Consultant – Future engineering design center





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