

EBCON

East**B**uild
CONTRACTING
اعمار الشرق للمقاولات

COMPANY PROFILE

PERFECTION

IS

OUR

LOWEST

STANDARD

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MESSAGE OF COMMITMENT

Having braced our selves with corporate philosophy of perfection, reliability, punctuality and safety oriented services, we East Build Contracting (EBC) have to date built up a reputation and name in the industry which is second to none, and with a commitment to look forward and face up to the next generation of development with respect to attaining the ISO 2000/9001 series system which is new prevalent within the industry.

INTRODUCTION OF BUSINESS

East Build Contracting is one of the leading General Contractors in the Kingdom of Saudi Arabia, supported by a team of highly trained and experienced professional Engineers and Skilled Workforce, providing Electrical, Mechanical, Electromechanical, and Civil Works such as

1. Site Development and Road Pavement Construction;
2. Well Site Preparation for Oil and Gas Drilling;
3. Oil & Gas Pipeline and Flow Lines;
4. Surveying;
5. Building Construction Services and Maintenance;
6. Instrumentation, Mechanical and Electrical;
7. Industrial Painting, Coatings and Finishing; (Specialized Division)
8. Tanks and Piping;
9. Architectural Pre-cast Works
10. Steel Framed Buildings;
11. Finishing Works for Buildings (Substations, Generator Buildings, Control Buildings)

We are providing the services to Saudi Aramco, SABIC, Saudi Electricity Co. Royal Commission, Saline Water Conversion Co. (SWCC) and International & Local Organizations in Kingdom of Saudi Arabia such as NESMA, Saudi Bin Laden Group, Saudi Techint, STESA.

SCOPE OF SERVICES

1. GENERAL CONSTRUCTION

1.1. Civil Construction Work

- Reinforced Concrete Building
- Pre-Engineered Building
- Site Grading, Filling & Compaction
- Security Upgrading
- Concrete Curbs & Walkways Construction
- Construction of "Right of Way", Sabkha Pads and Access Roads
- Sewer, Raw Water Lines & Other Underground Utilities
- Water Proofing
- Painting
- Existing Facilities Demolition / Modification
- Refurbishment

1.1.1 Finishing Work

1.2. Mechanical Construction Work

- Laying of Oil and Gas Pipeline
- Fabrication Work
- Erection & Welding
- Equipment & Instrument Installation
- Installation of Central Water Cooling and Installation System

1.3. Electrical Construction Work

- Substation Construction
- Cable Laying
- Domestic & Industrial Electrification
- Installation of Elevators
- Installation of Generators

2. MAINTENANCE SERVICES

2.1 Civil Maintenance Work

- Concrete Repairs
- Structural Repairs
- Epoxy Injection & Grouting
- Water Proofing
- Painting (Epoxy & Polyurethane Floors, Walls)

2.2 Mechanical Maintenance Work

- Sandblasting & Painting
- Pipeline Modification
- Tank Cleaning

PRINCIPAL BANKING INFORMATION

NAME OF PRINCIPAL BANK – BRANCH

CONTACT PERSON NAME:

TITLE:

TEL. NO.:

FAX NO.:

ADDITIONAL BANKING INFORMATION

NAME OF PRINCIPAL BANK – BRANCH

CONTACT PERSON NAME:

TITLE:

TEL. NO.:

FAX NO.:

NAME OF BANK – BRANCH

CONTACT PERSON NAME:

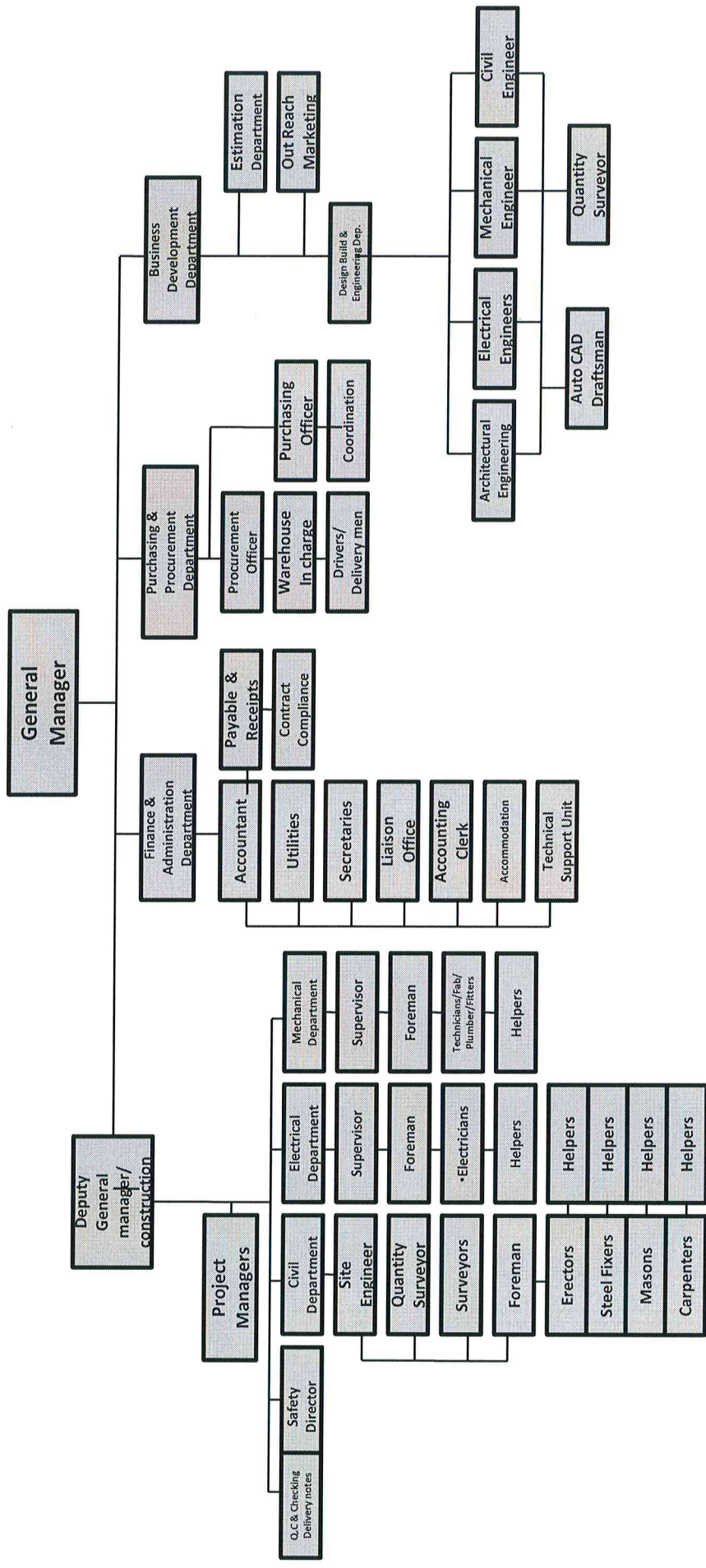
TITLE:

TEL. NO.:

FAX NO.:

EAST BUILD CONTRACTING

ORGANIZATION CHART



Completed and On-Going Projects

Client Name:	K. & A. Ahmad Balhamar Co.		
Project Description:	Finishing Works		
Location:	Dammam		
Year:	2003		
Contract Value:	1,500,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		
Client Name:	A. Othman Al Ahmad		
Project Description:	Finishing Works		
Location:	Dammam		
Year:	2003		
Contract Value:	6,500,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		
Client Name:	Saleh Al Ahmad		
Project Description:	Finishing Works		
Location:	Dammam		
Year:	2003		
Contract Value:	2,000,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		
Client Name:	Hamid Al Jahdali		
Project Description:	Finishing Works		
Location:	Dammam		
Year:	2003		
Contract Value:	2,400,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		
Client Name:	Yousef A. Al Tamimi		
Project Description:	Finishing Works		
Location:	Al Khobar		
Year:	2004		
Contract Value:	3,000,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		
Client Name:	A. & M. Al Fozan Co.		
Project Description:	Finishing Works		
Location:	Dammam		
Year:	2004		
Contract Value:	11,500,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		

Completed and On-Going Projects

Client Name:	Abdul Aziz Al Jodaimi		
Project Description:	Finishing Works		
Location:	Al Khobar		
Year:	2004		
Contract Value:	4,500,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		
Client Name:	Arabian Gulf Contracting		
Project Description:	Finishing Works		
Location:	Al Khobar		
Year:	2004		
Contract Value:	10,500,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		
Client Name:	Adel Al Shihab		
Project Description:	Finishing Works		
Location:	Dammam		
Year:	2004		
Contract Value:	3,100,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		
Client Name:	Khalid Al Salimi		
Project Description:	Finishing Works		
Location:	Dammam		
Year:	2004		
Contract Value:	5,200,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		
Client Name:	Nasser Al Shiha		
Project Description:	Finishing Works		
Location:	Dammam		
Year:	2004		
Contract Value:	4,000,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		
Client Name:	Khalid Al Rajhi		
Project Description:	Finishing Works		
Location:	Dammam		
Year:	2004 – 2005		
Contract Value:	12,000,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		

Completed and On-Going Projects

Client Name: Al Kahal Eye Center
Project Description: Finishing Works
Location: Dammam
Year: 2004 – 2005
Contract Value: 17,000,000.⁰⁰ Status: Completed
Currency: Saudi Riyals

Client Name: Al Bassam Commercial Center
Project Description: Finishing Works
Location: Dammam
Year: 2004 – 2005
Contract Value: 7,600,000.⁰⁰ Status: Completed
Currency: Saudi Riyals

Client Name: Saudi Aramco/NESMA Ctr.
Project Description: Fencing Project
Location: Hawiyah
Year: 2004 – 2005
Contract Value: 2,173,000.⁰⁰ Status: Completed
Currency: Saudi Riyals

Client Name: Saudi Aramco / RCE
Project Description: Well Site Development
Location: Haradh
Year: 2005
Contract Value: 2,348,000.⁰⁰ Status: Completed
Currency: Saudi Riyals

Client Name: Saudi Aramco / RCE
Project Description: Well Site Development
Location: Haradh
Year: 2005
Contract Value: 2,572,000.⁰⁰ Status: Completed
Currency: Saudi Riyals

Client Name: Saudi Aramco / MMS
Project Description: Construction of Warehouse
Location: Abqaiq
Year: 2005
Contract Value: 2,836,000.⁰⁰ Status: Completed
Currency: Saudi Riyals

Completed and On-Going Projects

Client Name:	Saudi Aramco / MMS		
Project Description:	Construction of Lift Station		
Location:	Ain Dar		
Year:	2005		
Contract Value:	1,650,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		
Client Name:	Saudi Aramco / MMS		
Project Description:	Access Platform		
Location:	Ain Dar		
Year:	2005		
Contract Value:	1,820,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		
Client Name:	Saudi Aramco / STESA		
Project Description:	Camera Pole Foundations		
Location:	Udhaliyah		
Year:	2005		
Contract Value:	1,634,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		
Client Name:	Saudi Aramco / STESA		
Project Description:	Sensor Cable Laying		
Location:	Udhaliyah		
Year:	2005		
Contract Value:	1,915,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		
Client Name:	Saudi Aramco / RCE		
Project Description:	Well Site Development		
Location:	Udhaliyah		
Year:	2005		
Contract Value:	5,000,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		
Client Name:	JUPC / LINARCO / Saudi Bin Laden Group		
Project Description:	Finishing Works, Control, Substation, and Generator Buildings		
Location:	Royal Commission – Jubail		
Year:	2005		
Contract Value:	3,525,000. ⁰⁰	Status:	Completed
Currency:	Saudi Riyals		

Completed and On-Going Projects

Client Name: Saudi Aramco / Saudi Techint
 Project Description: Construction of "Right of Way"
 Location: Khursaniyah
 Year: 2006 – 2007
 Contract Value: 12,551,000.⁰⁰ Status: Completed
 Currency: Saudi Riyals

Client Name: JUPC / Saudi Bin Laden Group
 Project Description: Provision and Installation of Elevator at Admin. Building
 Location: Royal Commission – Jubail
 Year: 2006
 Contract Value: 621,000.⁰⁰ Status: Completed
 Currency: Saudi Riyals

Client Name: Sharq/Saudi Bin Laden Group
 Project Description: Finishing Works for Buildings Polyethylene Swing Plant 3rd
 Expansion Project
 Location: Sharq, Jubail Industrial City
 Year: 2007
 Contract Value: 9,510,000.00 Status: Completed
 Currency: Saudi Riyals

Client Name: ALWaleed real state Group
 Project Description: 4 Residential Buildings compound
 Location: Opp Toyota Showroom – Al-Jubail
 Year: 2008
 Contract Value: 19,500,000.⁰⁰ Status: Completed
 Currency: Saudi Riyals

Client Name: Saudi Aramco / Nesma
 Project Description: Office and Camp Facilities
 Location: Manifa - Naria
 Year: 2008
 Contract Value: 7,500,000.⁰⁰ Status: Completed
 Currency: Saudi Riyals

Client Name: Nevada Fire Training Academy - NFSA
 Project Description: NEVADA - Fire Training Center Phase 1& Phase 2
 Location: Jubail 2nd Industrial Area 130th Crossing
 Year: 2010 - 2011
 Contract Value: 41,000,000.⁰⁰ Status: Completed
 Currency: Saudi Riyals

Completed and On-Going Projects

Client Name: Al Waleed Real Estate Group
Project Description: Commercial- Residential Five Story 4 Buildings with 100 apartment
Location: Dammam – Mubarakia Hotel
Year: 2010
Contract Value: 25,500,000.⁰⁰ Status: Ongoing
Currency: Saudi Riyals

Client Name: PRO – Real Estate
Project Description: Residential 2 Story Compound with 104 Studio
Location: Raka – Al-Khobar
Year: 2012
Contract Value: 23,000,000.⁰⁰ Status: Ongoing
Currency: Saudi Riyals

Client Name: Shaker Al Otaibi
Project Description: Residential Three Story 2 Buildings with 08 Duplex apartment / Each
Location: Dammam – 55 area
Year: 2012
Contract Value: 7,000,000.⁰⁰ Status: Ongoing
Currency: Saudi Riyals

MANPOWER LIST

SL. #	DESIGNATION	NO. OF PERSONNEL
1	MANAGING DIRECTOR/PROJECT DIRECTOR	1
2	BUSINESS MANAGER	1
3	SENIOR PROJECTS MANAGER	1
4	OPERATIONS MANAGER	1
5	PROJECT MANAGERS (Civil, Mechanical & Electrical)	5
6	FINANCE & ADMINISTRATION MANAGER	1
7	SAFETY MANAGER	1
8	WORKSHOP MANAGER	1
9	SUPERVISORS (Civil, Mechanical & Electrical)	8
10	PROJECT COORDINATORS (Civil, Mechanical & Electrical)	5
11	ESTIMATION ENGINEERS (Civil, Mechanical & Electrical)	3
12	ARCHITECT	1
13	SURVEYORS	4
14	PLANNING ENGINEER	2
15	QA/QC INSPECTORS	3
16	SAFETY OFFICERS & WORK PERMIT RECEIVERS	4
17	GENERAL FOREMAN	6
18	CIVIL FOREMEN	3
19	MECHANICAL FOREMAN	2
20	DOZER OPERATORS	10
21	LOADER OPERATORS	8
22	GRADER OPERATORS	5
23	ROLLER OPERATORS	8
24	EXCAVATOR OPERATORS	4
25	FORKLIFT OPERATORS	2
26	HEAVY DRIVERS	38
27	WELDERS (SMAW 6G & GTAW)	18
28	GENERAL HELPERS	36
29	MASONS & CARPENTERS	18
30	STEEL FIXERS	15
31	PLUMBERS	4
32	PRECAST ERECTORS	6
33	GYPSON FITTERS	6
34	SKILLED CHARGE HANDS	9
35	PAINTERS	15
TOTAL		255

MACHINERY & EQUIPMENT

S.#	DESCRIPTION	CAPACITY	QUANTITY
1	LOADERS	966	02
2	EXCAVATORS	220	02
3	DUMP TRUCKS	16 m ³	02
4	WATER TANKERS	32,000 Lt.	01
5	CRANE	25 TONS	01
6	BOOM TRUCKS	5 TON	01
7	FORKLIFTS		01
8	Bobcat S130	650Kg	02
9	COMPRESSOR		02
10	GENERATORS		02
11	WELDING PLANTS		01
12	SURVEYING EQUIPMENT		VARIETY
13	CUTER		01
14	ASSORTED TOOLS	LARGE QUANTITY	

ACCOMMODATIONS / FACILITIES

SL#	TYPE	CAPACITY	LOCATION	NATURE
01	EBC MAIN CAMP	25 PERSONS	DAMMAM	ENGINEERS & STAFF
02	EBC JUNIOR CAMP	60 PERSONS	DAMMAM	SKILLED
03	EBC LABOUR CAMP	80 PERSONS	DAMMAM	LABOUR
04	EBC LABOUR CAMP	50 PERSONS	DAMMAM	LABOUR

SAUDI ARAMCO

Vendor Registration Number

10031214

**SAUDI ELECTRICITY
CO.**

Vendor Registration Number

33083

Royal Commission Jubail

Vendor Registration Number

RCJ000056

LOSS PREVENTION PROGRAM

1. GENERAL PROCEDURE

The Primary objective of this program is to promote general safety practices and to explain the needs and importance of the safety on site and prevention of accidents. Safety should be considered as a matter of prime importance.

2. PLAN OF ACTION

In order to achieve the above mentioned goal the following course of action should be put into effect.

2.1 Safety Orientation of new employees.

2.2 Educate employees, explaining in detail the necessary and importance of personal safety and that of equipment.

2.3 Maintain good housekeeping in all areas.

2.4 Enforce safety rules and regulation.

2.5 Organize accident prevention committee.

2.6 Hazard elimination through systematic inspection, and use of protective gear and the right tools for an appropriate job.

2.7 Strict adherence to the Loss Prevention requirements of Saudi Aramco's Safety Standards and applicable to Saudi Arabian Laws.

PROGRAMME

3.1 Planning Safety in Engineering & Estimates Preparation

In the planning and estimate preparation stage; a thought for the period of consideration, studies shall be made by the Engineers to ensure safety factors in design and erection of temporary structures and staging.

- 3.1.1 Adequate monetary allocation to provide for items such as trench bracing, barricades, signs work platforms, personal protective equipment and other items necessary or the protection of employees, equipment, materials and members of general public and their property.
- 3.1.2 System shall be established where by plans and procedures involving hazards to men, materials, equipment and adjacent property can be studied and reviewed with proper authorities for necessary precautionary measures.

3.2 Safety Meeting .

Before starting the job, key personnel should meet to discuss accident prevention, study job layouts, and determine plans and schedules also emphasize requirements and elaborate procedures. Through inspection of job site and adjoining properties shall be done and a brief supplemental safety program will be developed and distributed to supervisory personnel assigned to jobsite.

- 3.2.1 Weekly safety meetings for supervisory personnel to review accidents that occurred during the previous week take note of safety deficiencies and establish measures. Job hazards, contemplated control, protective equipment and personnel training should be covered.
- 3.2.2 A ten minutes toolbox meeting shall be held once a week under the direction of foreman and assisted by a Safety Personnel. Accidents and near - accidents should be discussed and present action to prevent recurrence. Foreman will explain the safe way of performing the job. From time to time Superintendents and other key personnel shall also attend the meetings on rotation basis.
- 3.2.3 Records will be kept spelling out the meeting dates, who conducts the meeting and summary of discussion which will be forwarded to Project Engineer.

3.3 Employment Section

We should hire the appropriate man to the right job. Despite the fact that labor shortage in some areas is acute, especially for skilled manpower, every effort is being made by the management to see to it that only physically fit workers are selected. This is one important fact for preventing accidents that our management has given a prime consideration. Good physical condition is of prime importance for employees under Saudi Arabian climatic conditions, particularly vehicle and equipment operations.

3.4 Craftsman Training

Daily safety contact of craftsman is one of the most effective way of training our employees. Safety as part of construction can be emphasized here as the foreman explains the "what", "how", "where", and "why" of the workers.

- 3.4.1 The following subjects shall be discussed in the employees safety induction training:
- 3.4.2 Hazard on the jobsite.
- 3.4.3 Necessary precautions against the above hazards.
- 3.4.4 Personal Protective Equipment.
- 3.4.5 Ladders & Scaffoldings.
- 3.4.6 Housekeeping & Sanitation.
- 3.4.7 Lift Devices & Materials Handling
- 3.4.8 First Aid & Emergency Procedures.
- 3.4.9 Fire Protection & Control.
- 3.4.10 Reporting injuries & Unsafe Conditions.
- 3.4.11 Safety Rules & Regulations & Discipline.
- 3.4.12 Responsibilities in Safety.

3.4.13 In addition to the above topics, the following procedural guidelines shall be emphasized to the workers. These shall include:

3.4.14 Welding & Cutting Equipment

3.4.15 Hand & Portable Tools

3.4.16 Ladders & Scaffolding.

3.4.17 Cranes & Rigging Equipment and Practices.

3.4.18 Excavation, Trenching and Shoring.

3.4.19 Electrical Installations and Equipment.

3.4.20 Housekeeping.

3.4.21 Heavy Earthmoving and Handling Equipment.

3.4.22 Highway and Street Construction.

3.5 Safety Training & Education

Training is one of the most important responsibilities of management and accordingly there should be a continuing effort to help supervisory personnel in carrying out their management functions. In order to accomplish this, key personnel must be trained first before they can become competent instructors.

3.5.1 Supervisory / Foreman Training

Most of our foremen are selected from construction crew the basis of their craft and elevated to supervision on posses the certificate to take work skills. They also foreman has permits. Regardless of whether the been promoted from the ranks, within the company or hired from outside, he shall be given supervisory understanding of his responsibilities, both training, and direction of work. The in accident prevention and foreman's following topics shall be covered during the training.

- 3.5.1.1 Accident Prevention Organization
- 3.5.1.2 Personal Protection
- 3.5.1.3 Scaffolding & Ladders
- 3.5.1.4 Housekeeping, Sanitation and First Aid.
- 3.5.1.5 Welding and Cutting
- 3.5.1.6 Flammable Gases and Liquids
- 3.5.1.7 Excavation and Shoring
- 3.5.1.8 Concrete Construction / Steel Erection
- 3.5.1.9 Hoist, Cranes and Rigging
- 3.5.1.10 Traffic Control
- 3.5.1.11 Heavy Equipment, Motor Trucks
- 3.5.1.12 Tools: Hand, Power, Pneumatic
- 3.5.1.13 Work Permit Procedures
- 3.5.1.14 Repair Shops and Garbage's

3.6 Employee Orientation and Indoctrination in Safety

Following the selection processing, the employee should be given a brief orientation of the company's safety policies. A brochure of safety rules, in addition to the oral orientation, will be given to each new employee before he is introduced to the supervisor.

- 3.6.1 The supervisor should then review the specified hazards and safety rules related to the employee's assignment and introduce him to his fellow workers. Whenever possible place the new employee with an experienced worker who can aid him in promoting safety habits.
- 3.6.2 After a few weeks, a follow-up orientation should be conducted reiterating what has been previously said about the company's interest in accident prevention.
- 3.6.3 A record shall be kept on each employee completing the orientation course.

3.7 Correcting Unsafe Acts or Conducts

Generally, accidents result from two sources, unsafe acts and/or conditions. Key personnel should make it a standard practice to look for unsafe acts and conditions on every visit to the job, and to call these to the attention of the superintendent in-charge, demanding immediate correction. When conditions are extremely serious, and the lives of the workers are in jeopardy, they should be corrected once.

Frequently, inspection of the site should be made and a list of violation noted, for use and discussion at next safety surveys of the jobsite, safety committee should tour the premises on schedules at regular intervals.

3.8 Accident Reports and Records

The purpose of accident investigation is to provide information to the management so that preventive measures can be instituted to avert similar incident in future. Supervisor conducting the investigation should not review his findings from fault-finding angle. Injury and damage reports shall promptly be made and circulated to all concerned for proper precautionary measures. A copy of this investigation report should be sent to the safety officer to ensure that follow-up measures are carried through.

All accidents including "near misses" should be investigated so that appropriate action to prevent recurrence can be made. More serious accidents should be detailed in narrative form.

3.8.1 Injuries at jobsite will be handled at site itself for minor first aids. For other injuries and sickness we have retained the services of **Mouwasat Dispensary, P. O. Box 1254, Dammam 31431, Tel. No.: 03-826-0800, Fax No.: 03-826-3688** and this provision of medical care will meet the requirements of SAG Labor Code

4. PROCEDURES

4.1 Personal Protection

The Company shall provide the necessary protection where the need warrants it. Adequate quantity of different types of protective devices shall be maintained in store for specific usage. All levels of supervision shall be held responsible for seeing that his men wear the proper protective equipment and that it is kept
in good condition.

4.1.1 Head Protection

For all construction work exposures, head protection is a must. Hard hats must be worn at all times on the jobsite.

4.1.2 Hand Protection

Whenever needed, construction workers shall wear working gloves in good condition which are suited to the type of work involved.

4.1.3 Feet Protection

It shall be at all time requirements for all employees to wear their safety shoes in good repair. Sneakers, sandals, flip-flops and shoes that have slits or have holes in them are not permitted on jobsite.

4.1.4 Eye and Face Protection

Approved eye and face protection shall be worn while warranted by the exposure.

4.1.5 Protective Equipment for Specific Use

4.1.5.1 Other Personal Protective Equipment for specific usage shall be taken into consideration as and when the need arises.

4.1.5.2 Approved respiratory devices proper for hazards as dust, fumes, smoke, vapors, etc.

4.2 Concrete Construction

4.2.1 Materials

If men are handling sacked cement, they must wear goggles and close fitting clothes with snug wrist, ankle and neckbands. In addition to the above, they should be equipped with respirators.

4.2.2 Formworks

Form lumber and supports should be selected after careful consideration of loading factors, spans, setting temperatures and the working loads that will be supported.

4.2.2.1 Scaffolding should be erected before placing decking on joints to enable men to work safely. Adequate platforms plus access ladders should be provided.

4.2.3 Shoring

Shoring materials shall be selected after our Engineers had completed the design and their recommendations should be taken into consideration. Sufficient safety factors shall be used to take care of the unknown unforeseen loads during pouring stage.

4.2.3.1 Each post or shore should stand on a very stable ground.

4.2.3.2 Shoring shall be secured to the formwork in a manner to prevent falling when the load is released or when shore supports are accidentally hit.

Form and Shoring shall not be removed until the concrete had properly set. Concrete strength attained could be found out by testing the test cylinders.

4.2.4 Electrical

These hazards differ from other hazards found in construction work because they are unexpected (provide no advance warning), whereas other accidents can be anticipated. The majority of electrical accidents result in shock or burns. Fire and explosion from sparks in flammable atmosphere can and do lead to loss of life and serious damage to property. Whenever the case arises that workman have to work on live equipment, there must be extreme caution, planning and a thorough knowledge of the job. Before starting any job they must know the exact voltage they will be working with. Whenever there is trenching for construction work they should be aware of undergoing cables. Normally, as per Saudi Aramco Standards, red tiles inside the ground indicate presence of the underground cables. Proper drawings should be referred to before starting the work and all personnel to be informed of presence of such cables at site. In case of shock, and if breathing has stopped, begin resuscitation and continue as necessary until the medical assistance arrives.

All materials and equipment used in temporary electrical installations shall be of a Saudi Aramco approved type and maintained in good conditions.

- 4.2.4.1 Ensure that all 110 Volts Single Phase 15/20 Ampere receptacle outlets which are not a part of the permanent wiring of any building or structure shall have ground fault circuit interrupters for personal protection.

4.3 Hand Tools

All tools shall be kept in safe working condition. Tools shall be inspected regularly for defects. Defective tools shall not be issued to workmen; those will be sent for repairs.

- 4.3.1 Tools shall be stored in suitable boxes or containers.

- 4.3.2 All damaged or worn out tools shall be promptly and soundly repaired. Make shift repairs should be prohibited. Tools which cannot be repaired should be disposed.

- 4.3.3 Appropriate tools must be used for the right job. No substitutions should be allowed, pliers for hammer, screw drivers for pinch bars, etc.
- 4.3.4 Electrical tools will be properly grounded with three wire systems or be doubly insulated.

4.4 Excavation and Shoring

Before excavation work has begun, the site should be inspected for conditions requiring precautionary measures, particularly when working in the vicinity of roadways and utility structures. Determine the exact locations of underground utilities such as electric, water, sewer and telephone conduits.

The Company should undertake the following:

- 4.4.1 Provide protection against damage to existing utilities including those exposed during excavation.
- 4.4.2 Open cuts in or adjacent to the thorough fares should be barricaded and posted. Light should be provided during hours of darkness.
- 4.4.3 Install fences, barricades and warning signs when trenches are kept open for a long duration during construction. Work area should be guarded by flares, flashes or lanterns at night.
- 4.4.4 Trenches more than four feet deep should be provided with approved ladders to facilitate entry and exit. If these trenches can not be sloped, then adequate shoring shall be provided.
 - 4.4.4.1 Shoring and / or bracing should be placed in every trench over four feet deep, regardless of soil type, except on solid rock.
 - 4.4.4.2 Shoring and bracing should be carried in the downward direction in the trench.
 - 4.4.4.3 Excavated materials should be placed at a minimum of two feet back from the edge of trench.

4.5 General Safety Rules for Heavy Equipment and Motor Vehicles

- 4.5.1 Operators should always check to make certain that other workers are in the clear before starting the machine.
- 4.5.2 Passengers should not jump on or off the machines in motion.
- 4.5.3 Before repairs are made on earthmoving equipment, the operator should make certain that the motor is stopped.
- 4.5.4 Engines of all the equipments should be stopped before refueling is carried out.
- 4.5.5 If possible, equipment should be driven entirely off the road at night. Where any portion of the machine projects on the road, red flags should be used during daytime only.
- 4.5.6 Unauthorized driving of the equipment should be prohibited.
- 4.5.7 Operator should never leave his machine over an inclined surface or over loose material while the engine is idling, because vibrations may put the machine in motion.
- 4.5.8 Heavy Equipment should be equipped with a reverse signal alarm which should turn on automatically when backing up.
- 4.5.9 Operators should be properly licensed.

4.6 Ladders & Scaffolding

Ladders, Scaffolding and working Platforms are responsible for many accidents through falls and falling objects.

- 4.6.1 We shall adhere to the standards and specifications of Saudi Aramco when erecting ladders, scaffolding and platform.
- 4.6.2 Avoid the use of make shift platform and carefully analyze the job ahead of time to allow engineers to design the proper platform for the job.

4.6.3 Give sufficient training to the workers regarding the proper usage of ladders, scaffolding and working platforms.

4.7 Housekeeping

Good housekeeping is a very important element in accident prevention. It shall be the primary concern of our superintendents, supervisors and foreman. It should be carefully planned at the beginning of the job and carefully supervised and followed up to the final clean-up. Although this is the concern of all craftsmen and workmen, we shall organize a regular clean-up crew to be responsible for maintaining a clean and orderly jobsite on a daily basis.

4.7.1 Rules for Housekeeping

4.7.1.1 All materials shall be maintained in neat stockpiles for easy access. Aisles and walkways shall always be cleaned of loose tools materials.

4.7.1.2 Work Areas: Clean-up loose materials, waste, etc. immediately. This is especially important in aisles in the vicinity of ladders, ramps and stairs. Tools shall be removed immediately and loose materials shall be sprinkled with sand.

4.7.1.3 Disposal of Waste: A specific area shall be designated as daily dumpsite of waste materials by the construction crew. The accumulated waste shall be disposed off regularly to Saudi Aramco's approved dumpsite.

4.7.1.4 Protruding Nails: Protruding Nails either be removed or bent over as this is a hazard to workers nearby. The nailing area to be located on jobsite during construction work. All cleaned lumbers shall be stocked in orderly piles.

4.8 Welding & Cutting

- 4.8.1 A suitable fire extinguisher or other fire control devices should be kept ready at all times for instant use where welding is done. There should be at least one fire extinguisher with each welding machine.
- 4.8.2 Electric Arc Welders shall wear their protective equipment such as welding helmet, welding gloves, welders vest and shoes or boots.
- 4.8.3 Good housekeeping shall be maintained at all times. Any combustible materials shall be removed such as wood, paper, rags, gasoline and solvents. Materials which cannot be removed shall be covered with sheet metal or other suitable materials.
- 4.8.4 Only standard oxygen, acetylene, welding and cutting outfit, in good operating condition shall be used.
- 4.8.5 Cylinders shall be stored securely to prevent from tipping over or likely to be knocked over. These shall be kept away from heat sources and highly combustible materials.
- 4.8.6 While in use, valve key wrench shall be kept in place on the valve spindle. Cylinders shall be placed in a rack, chained or otherwise positively secured with safety caps on bottles.
- 4.8.7 When empty, valve should be closed and cylinder marked accordingly.
- 4.8.8 Provide separate storage for Oxygen Acetylene bottles.

4.9 Cranes and Rigging Equipment

The safe operation of cranes or other hoisting mechanisms are dependent on selection and training of operators and its maintenance. Regular inspection and immediate reporting of defects for corrective action shall be the Company's Policy.

- 4.9.1 All equipment for hoisting shall be inspected daily before any operation starts. A qualified person shall make inspection of cables, shaves pulleys, booms and stops on a regular basis.
- 4.9.2 Standard operating signals shall be agreed upon and used for all operations. No load shall be lifted beyond the rated capacity of the crane at the operating boom angle.
- 4.9.3 When operating on soft ground, substantial mats for the outriggers be laid down. Extreme caution shall be exercised when working / operating near the edges of excavations.
- 4.9.4 Slings must be adequate for the load being lifted. The foreman should determine the proper sling to be used. Slings shall be kept in good condition at all times. Slings must have safe working load stamped on collars. Only such slings are permitted for use.
- 4.9.5 Workmen should not be permitted to ride loads. Loads shall not be swung over the heads of workmen.
- 4.9.6 Taglines or guide ropes shall be used on loads that are liable to swing or must be guided through restricted space. This operation should take place under the direction of foreman rigger. Care should be taken to guard against injury to workmen or damage to structures or scaffolds.
- 4.9.7 When working near electrical lines, the crane or any part of equipment should be more than ten (10) feet away. Proper work permit for this type of work should be obtained.
- 4.9.8 Inspection and Testing:

- 4.9.8.1 Inspection and Testing shall be done only by competent and experienced personnel.
- 4.9.8.2 All inspections and test results shall be recorded in inspection and test logbooks at the jobsite. Records shall include inspection dates, findings and action.
- 4.9.8.3 A weekly inspection shall be made on:
 - 49.8.3.1 Wire Ropes and Slings
 - 49.8.3.2 Guy Wires
 - 49.8.3.3 Hoist and Trolley Cables, Shaves Pulleys and Drums
 - 49.8.3.4 Jib and Counterweight Jib Guy Lines
 - 49.8.3.5 Bolts and Pins, Boom & Boom Stop
- 4.9.8.4 A daily inspection shall be made on:
 - 4.9.8.4.1 The condition of the brakes under no load condition.
 - 4.9.8.4.2 The condition, adjustment and functioning of various safety devices and limiting, devices fitted to the equipment.
 - 4.9.8.4.3 The overload controls.
 - 4.9.8.4.4 Fuel, Water, Battery and Lubrication
- 4.9.8.5 All Structural Parts shall be inspected for broken welds, bends, etc., on a regular basis to ascertain that the equipment is in working condition.
- 4.9.8.6 All Operators must have Proper Licenses.
- 4.9.8.7 All cranes must have a valid Saudi Aramco Certification.

5. REFERENCES

All works will be done in accordance with Safety Requirements of SaudiAramco Schedule "D" of the Aramco Construction Safety Manual.

PROJECT SAFETY & HEALTH PROGRAM

FIRST AID

- A. A First Aid Kit(s) shall be provided at all locations where work is being performed. The size of the kit shall be determined by the needs and number of the employees working in the area. The kits shall be periodically inspected to determine that they contain all needed first aid articles. Sub-contractors shall provide, inspect, and maintain adequate first aid kits for the needs of their employees.
- B. Provide smaller kits (10-man size) for all company-owned or leased vehicles, and for SAS Gen. Contracting Operated Equipment having an operator's cab.
- C. See that the Safety Supervisor and at least two employees on each shift have a valid first aid and CPR certificate and arrange for first aid classes for all supervision wherever practical. As employees are hired, make a list of those that are certified in first aid and see that the supervisory staff is informed in case additional first aid services are needed.

The American Red Cross should be contacted by the project team to arrange classes. Normally, the American Red Cross will provide materials, instructions, and certificates.

Employees who may perform first aid services must be provided Hepatitis-B Vaccine shots. Rubber Gloves must be provided and employees trained to avoid contact with blood or other body fluids from another person. One way CPR mouthpiece masks should be provided. All of the above steps are necessary in order that our employees who may provide first aid treatment are afforded protection from blood burn pathogens.

- D. Establish procedures and policies for transportation of the injured to doctors or hospitals including a designated vehicle that is on site whenever there is anyone working. Inform the employees of the basic procedures to be followed in the event of injuries at the project.

E. During supervisory and tool-box meetings, educate the employee in the basic procedures for handling the injured. Subjects covered should include:

1. Not moving the injured in case of serious unless necessary to prevent further injury.
2. Inform all employees to avoid contact with the blood or other body fluids of another individual.
3. Covering the injured to keep warm and protect against shock.
4. Do not give the injured person a food or drink.
5. Immediate notify site personnel, or other trained in first aid, as to the location of the injured and the type of accident.
6. Stress the importance of reporting all injuries no matter how slight so that first aid and / or medical attention can be provided and the proper records and reports can be completed. This should be emphasized at the safety indoctrination meeting for new employees.

Note: Never allow an injured person to drive a company vehicle or their own personnel vehicle to the hospital for initial diagnosis or treatment unless approved by a doctor on site.

F. Secure the assistance of the Safety Department in setting up at staffed first aid stations when required by contract or necessitated by the remoteness of the project.

PROJECT SAFETY & HEALTH PROGRAM

MOTIVATION AND DISCIPLINE

A. MOTIVATION

All Employees at EBC are encouraged to desire a safe working environment. Since Human Nature tends to do things to the degree that they want to do them. Therefore, we should do the following:

1. Appeal to their self-interest. Accidents destroy income eliminating the possibility of getting that new car or home or whatever else may be wanted, and could result in the loss of one or the other or both.
2. Appeal to their sense of family responsibility. Point out what happened to the family when someone is seriously injured or is no longer capable of functioning normally in the home, even for a short time.
3. Appeal to their pride and competitive drives. They like to be contributing members in organizational activities that are accomplishing worthwhile objectives: so blind pride in the crew, job and company. Stimulate the competition between crews or projects and let them all work to be on the winning team.
4. Use praise when deserve. One of the best methods of eliciting good safety habits is to praise good behavior. Most people love recognition, especially from supervisors and / or Company Officials.
5. Appeal to their sense of what's right. Most people will not knowingly jeopardize a co-worker although they may put themselves in jeopardy once in a while.

B. OBSERVANCE

It is generally preferable to rehabilitate the existing employee rather than to have to go through the aggravation, trouble and paper work necessary for termination and replacement. Therefore, when violations occur or unacceptable behavior is observed:

1. Determine if the individual was indoctrinated when hired, before beginning the work assignment.
2. Determine if any and all special training was given that may have been required by the work assignment and / or area of the work assignment.
3. Determine if additional training or instructions may be required.
4. Determine if the employees was properly instructed and supervised by the foreman.

C. DISCIPLINE

It is always best to try to attain the desired behavioral results through education, training and positive motivation. When these methods fail, disciplinary action must be taken. Violations of safety rules and / or unacceptable behavior cannot be condoned by failing to take the necessary actions to effect a correction. If there is no justifiable reason than specific action must be taken whether the person is an hourly employee or salaried employee. Specific actions taken will depend upon the number and / or more severe the reprimand or disciplinary action. The following guidelines shall be followed in determining the action necessary.

1. In situations which may cause injury of a non-serious nature:
 - a. First Offense : Verbal Reprimand
 - b. Second Offense : Written Reprimand
 - c. Third Offense : Written Reprimand with Possible Suspension without Pay
 - d. Fourth Offense : Termination

2. In situations which may cause injury of a relatively serious nature:
 - a. First Offense : Verbal Reprimand
 - b. Second Offense : Written Reprimand
 - c. Third Offense : Written Reprimand with Possible Suspension without Pay
 - d. Fourth Offense : Termination

3. In situations that present an imminent danger such as failure to use fall protection, failure to use a "tag-out / lock-out" system or any other violation that could result in serious injury or death:

4.
 - a. First Offense : Upon observation, stop the operation at once and move the person to a place of safety; issue written reprimand with possible suspension without pay (circumstances may require stricter action which may be taken if deemed appropriate by the supervisor involved).
 - b. Second Offense : Termination
5. An employee who bypasses a safety device, removes a protective physical barrier without replacing it with the same or another barrier providing equal protection, or in any other way creates a "booby-trap" in which another person on the job could be seriously injured or killed, shall be suspended without pay or terminated.

NOTE: In all instances the situation should be thoroughly investigated to insure sufficient cause exists to justify a termination prior to terminating an employee for safety violations. When verbal or written reprimands are given, it should be specifically explained to the employee what was being done incorrectly and how it should be properly done.

D. AWARD

Safety awards are presented to the employees on each project for achieving milestone figures for safe working. Certificates are also issued for achieving targets.

Inter project safety competitions are also conducted to motivate higher safety goals for the project personnel.

PROJECT SAFETY & HEALTH PROGRAM

SUPERVISOR / FOREMAN TRAINING

SAFETY TRAINING & EDUCATION

Training is considered as one of the most important responsibilities of EBC and accordingly, there is a continuing effort to help our supervisory personnel in carrying out their management function. In order to accomplish this, our supervision is trained first before he can become a competent instructor.

SUPERVISOR / FOREMAN TRAINING

Most of our foremen are selected from construction crew and elevated to supervision on the basis of their craft skill.

They also possess the certificates to take work permits.

Regardless of whether the foreman has been promoted from the ranks, within the company or hired from outside, he shall be given supervisory training and understanding of his responsibilities, both in accident prevention and direction of work.

The following topics shall be covered during the foreman's training:

1. Accidents Prevention Organization
2. Personnel Protection
3. Scaffolding and Ladders
4. Housekeeping, Sanitation and First Aid
5. Welding & Cutting
6. Flammable Gases and Liquid
7. Excavation and Shoring
8. Concrete Construction / Steel Erection
9. Hoist, Cranes and Rigging
10. Traffic Control
11. Heavy Equipment, Motor Trucks, Garbage and Repair Shops
12. Hand Tools, Power Tools, Power Actuated Tools
13. Work Permit Procedures

PROJECT SAFETY & HEALTH PROGRAM TRAINING

Training for each employee shall consist of instruction in the following areas:

1. The recognition, avoidance and prevention of hazardous conditions and unsafe work.
2. Safety regulations and their meaning as they apply to the work assignment.

The Training Program shall include, but not limited to the activities as described below:

1. Safety indoctrination of all employees when starting to work, covering information relevant to the Project Safety and Health Program and attendant rules and regulations. An acknowledgment sheet from the back of the Field Employee Handbook and Safety Guidelines Booklet shall be signed and kept as a record of the indoctrination.
2. Issuance of the Field Employee Handbook and Safety Guidelines.
3. Instructions by craft supervisors of each new member prior to the start of work as to the rules and regulations pertinent to the employee's work assignment. Included in these instructions shall be the discussions of recognized hazards and the precautions necessary for the use of any equipment / machines and / or personal protective equipment required for the work. Demonstrations shall be used where necessary.
4. Safety meetings as described elsewhere, which all employees are expected to attend.
5. Special or Craft Instructions and / or demonstrations, as necessary, to ensure the safe performance of the work.
6. Sessions in accordance with Hazard Communication and "Right-to-Know" Laws.

Visitors shall be indoctrinated and/or escorted in accordance with the particular project.

QA/QC PROGRAM

PROCESS CONTROL

CIVIL WORKS

1.0 PRELIMINARIES

- 1.1 **East Build Contracting (EBC)**, shall carry out the site survey work in accordance with Drawings, Client's sketch showing the coordinates/bench mark and other relevant drawings as per Drawing Control Sheet.
- 1.2 Establish bench marks & properly mark the requisite coordinates, centre line, elevations etc. Prior to start of excavation & construction as per scope of work.
- 1.3 Anchor bolts shall be in accordance with Client standards & specification.

2.0 DEMOLITION

Demolished debris shall be transported to Client's approved yard.

3.0 EXCAVATION

- 3.1 All excavation shall confirm to the Client and in accordance with Client's Construction Safety Manual.
- 3.2 Excavated construction area shall compact and test prior to placing fill material.
- 3.3 Prior to pour lean concrete excavated surfaces shall be made smooth, compacted and tested.
- 3.4 Area will be excavated manually to determine all underground utilities that may interfere with work progress.

4.0 BACKFILLING AND COMPACTION

- 4.1 Prior to placing any "Select Fill" materials, existing ground will be compacted and tested. This include scarifying, bringing the material to optimum moisture content and compacting to the specified density for specified depth.
- 4.2 Backfill material shall be compacted in accordance with the standards.
- 4.3 Perform subsequent fill operations, compaction, proof rolling, testing and temporary drainage to the lines and grade shown on project drawings.
- 4.4 Backfilling and compaction will be done by layer by layer.
- 4.5 All compaction test shall be witnessed and approved by Client Representative accompanied by "Request For Inspection".
- 4.6 Only Client approved Raw Material shall be used for compaction.
- 4.7 All compaction test results will be forwarded to Client Representative for approval and for record.

5.0 FORM WORK

- 5.1 Form work shall have correct co-ordination of centre lines and control joints.
- 5.2 Contractor shall assign one Surveyor to check the lines and levels of the completed form work before pouring any concrete, ensure that adjustments and corrections are made to the form work, necessary to correct deviations from the specified tolerances.
- 5.3 Form work shall be adequately sized, spaced and nailed ribs, walers and strong backs.
- 5.4 Form joints and/or holes shall be properly sealed to avoid undesirable concrete leak.
- 5.5 Form shall have adequate shoring, bracing, spacing, support & spacers.

- 5.6 Strained forms shall not be used, forms shall have proper non-staining rust preventive form oil, metal forms shall be coated with an approved non-staining rust preventive form oil.
- 5.7 Verify and make sure chamfer strips, cant strips, construction joints, key ways, expansion joints, water stop and bulkheads are installed properly.
- 5.8 Form supports shall have sufficient strength to carry load without settlement and deformation.
- 5.9 Performed filler material shall be of approved type.
- 5.10 Block outs and openings for pipes, vent, doors, drains, heating and cooling systems are properly located and have sufficient strength.

6.0 REINFORCEMENT

- 6.1 All reinforcing bars shall be epoxy coated and shall be of high tensile steel bars deformed bars conforming to SASO (SAUDI ARABIAN STANDARD ORGANIZATION) specification SSA-1/1979.
- 6.2 Reinforcement bars shall be bent using correct bending mandrel size.
- 6.3 When epoxy-coated reinforcing bars are cut in the field, the ends of the bars shall be coated as soon the bar cutting finished used for repair of coating damage.
- 6.4 Repair compound used for coating damage and cut ends shall be in accordance to Client Standard and applied as per manufacturers recommendations.
- 6.5 Reinforcing spacing and bar overlap shall conform to design drawings.
- 6.6 Minimum concrete cover shall be in accordance with Client Standard and Specifications.
- 6.7 Reinforcing bars shall be securely tied and anchored at crossing with a double wrap of coated tie-wire with at least two full twists before pouring concrete.

- 6.8 Prior to pouring concreting, all visible coating damages due to transportation, handling etc. will be inspected and recoated.
- 6.9 For inspection of finished rebar work, Request For Inspection shall be submitted to Client Representative 24 hours prior to inspection schedule.

7.0 RCC AND FOUNDATION WORKS.

- 7.1 Concrete shall be ready mixed, placed and cured in accordance with Client standard & specifications.
- 7.2 Ready mixed concrete shall have a minimum compressive strength of 3000 PSI (20.7 MPA) after 28 days.
- 7.3 Cement shall be Type V Sulphate Resistance conforming to ASTM-C-150.
- 7.4 Aggregate shall be uniformly graded.
- 7.5 Check all concrete loads for slump & temperature during hot weather.
- 7.6 Prior to concreting, work execution plan shall be submitted to the Client.
- 7.7 Vapour Barrier Polyethylene Sheets shall be provided under and all sides of footings/foundations, slabs etc. as detailed in the drawings.
- 7.8 Grout shall be Epoxy Grout.
- 7.9 No variation in the original concrete strength shall be made unless approved in writing by Client.
- 7.10 Slump in no case shall exceed 4", shall be kept to minimum compatible with placing requirements.
- 7.11 Form shall be motor tight of sound material sufficiently strong enough to prevent distortion or leakage.
- 7.12 Grout will be uniformly distributed on all construction joints, where applicable.

- 7.13 Concrete shall be properly vibrated by means of pneumatic or engine-driven vibrator so as to prevent honey combing structures. Vibrator shall be applied directly to the concrete and shall not be in contact with reinforcing bars. Concrete shall not be moved by means of vibrator. Usage of vibrator will be stopped as soon as water appears on the surface of concrete.
- 7.14 Finishing operations are initiated at the proper time.
- 7.15 Ensure reinforcing steel embedments and forms have not moved during placement.
- 7.16 All bolts, anchors, dowels, fastenings, or any other items to be embedded shall be accurately secured and positioned to avoid displacement. Prior to concrete pouring wooden templates will be accurately and carefully set for anchor bolts or other such items.
- 7.17 A mix design will be submitted to Client for approval. Ensure that the batch plant operation complies with the design documents such as:
- Water sources and cooling facilities.
 - Measuring, mixing and transportation.
 - Usage of admixture where required.
 - Aggregate and sand storage.
 - All necessary samples are taken and tests are performed at intervals.
- 7.18 No concreting activity shall be done without inspection of Client representative.
- 7.19 Structural surfaces in contact with soil shall be coated with coal tar epoxy (Structural concrete upto ground/plinth level).
- 7.20 Test results will be submitted to Client and copy will be kept in the project site office.

8.0 REMOVAL OF FORMS

- 8.1 Forms will be removed professionally so as to avoid damaging concrete edges and ensure complete safety to structure & personnel.
- 8.2 Forms not supporting dead weight may be removed after 48 hours, with the approval of Client Representative.
- 8.3 Supporting forms for slab shoring or structural items may be removed after 21 days.

9.0 CURING & PROTECTION

- 9.1 Perform curing as soon as possible after concrete sufficiency set up.
- 9.2 Protect all concrete work from drying out covering with approved membrane curing compound, wet burlap or pondering.
- 9.3 Continuous Curing of concrete will be performed for atleast 7 days, 4 to 5 times a day.
- 9.4 In hot weather surface of concrete shall be kept moist for a period of 10 days suing wet burlap.

MECHANICAL

1.0 STRUCTURAL STEEL

- 1.1 Structural Steel conform to the requirement of ASTM-A-36.
- 1.2 Structural fabrication shall be done by **EBC** as per drawing and standard.
- 1.3 Approved sealant shall be used to seal off lapped joints for all bolted connections and edges between concrete and steel.
- 1.4 Constant vigilance will be kept to see that materials, bolts, nuts, etc. used are correct type, base plate orientation, spacing and elevation are correctly done, bolts holes are correctly aligned, steel erected are as per drawings etc.

2.0 BLASTING AND COATING

- 2.1 All structural steel shall be coated.
- 2.2 All blasting materials shall be Client approved.

3.0 WELDING

- 3.1 Contractor welding procedure specification and weld maps will be submitted to Client for approval prior to any welding job.
- 3.2 Welding Procedure and Welder qualification shall conform to Client Standard.
- 3.3 Prior to start any welding work a "request for inspection" will be submitted to Client 24 hours prior to proceed.
- 3.4 All reports and test results shall be forwarded to Client.
- 3.5 Welders qualification record/forms shall be submitted to Client for approval, along with all qualification record forms.
- 3.7 Radiography Inspection/Techniques, plus acceptance to be performed by the approved Third Party Sub-contractor.

ELECTRICAL / INSTRUMENTATION

All Electrical/Instrumentation material/work and testing like continuity test, megger test, verification of calibration and functional tests of newly installed devices etc. shall be in accordance with the Client's Standard & Specifications.

PROCUREMENT

EBC Purchasing Department comprises of multinational properly trained and experienced in their line of work. We have established a rapport with reliable suppliers to procure materials from within the Kingdom. Our Procurement Department is operating with the following standards and principles.

- A. Procurement Manager co-ordinates with our Project Managers / Engineers for all materials we would be supplying for the Projects, except Client supplied materials.
- B. Procurement of materials shall be strictly controlled by proper documents.
- C. In order to strictly maintain quality of purchased material, the requirements shall be coarsed through at least 3 (three) competitive suppliers incorporating following data's:
 - Detailed Description of Materials.
 - Type, Class, Grade of Materials.
 - Vendor and Country of Origin.
 - Delivery and Design Data.
 - All applicable Specification.
 - Inspection Requirements.
- D. Obtained description, data specification, sample (if any) shall be submitted to Client in "Transmittal Form" for approval prior to placing any order.
- E. EBC had established a standard operating programs that all our suppliers to agree that their materials warranty shall directly enforce against them by our client.
- F. All permanent materials which we shall be supplying shall be complete with the following literature for Client use.
 - Vendor's brochure.
 - Drawings
 - Specifications
 - Parts List
 - Maintenance and operating system.

MATERIAL CONTROL AND STORAGE

East Build Contracting (EBC) maintain a procedure with proper documentation for receiving, proper storage, delivery of material and Equipment as per Client requirements.

- a) We shall maintain an effective system for continuity of order identification which ensure that Specification, Drawings and Inspection requirements are properly transmitted to Vendors at the time of placing order.
- b) Every efforts will be made to avoid damage to materials during handling and transportation. Damaged goods shall be rejected and removed from the job site.
- c) Material shall be inspected at regular interval to assess any damage or deterioration.
- d) On receipt of materials our QC Inspectors shall inspect the materials against the Purchase Order and supervise arrangement for proper storage. The material receiver form shall be used for documentation.
- e) Senior QA/QC Engineer as required, inspect and verify Vendors, suppliers for conformance of the required Client Standards.
- f) Senior QA/QC Engineer periodically inspect quality control at ready mix concrete batch plant.
- g) Paints and Thinners will be stored at well ventilated areas. Expiry dates will be clearly marked in container.
- h) Abrasive Grits will be stored and kept dry and away from contamination.
- i) Welding and all consumables shall be stored in accordance with the Client requirements.
- j) The material controller shall produce necessary documents with appropriate approvals before materials are released for the project.
- k) Material movements shall be monitored to ensure that specified quantities, size, type of materials are delivered at job site.

NON-CONFORMANCE AND CORRECTIVE ACTION

East Build Contracting (EBC) will maintain a system for control of Non-Conforming Products, Conditions and Activity and corrective action.

1. Senior QA/QC Engineer is responsible to investigate the cause of non-conformance. He will be documenting the same and make sure that corrective action are taken. QA/QC Engineer will notify that Non-Conformance to the Project Manager; and Project Manager will correct any non-conformance immediately.
2. QA/QC Personnel of this project must report non-conformance to Project Manager.
3. System of documentation will be established by way of Log Books and Filling Records.
4. All non-conformance will be reported to Client. A log of non-conformance will be maintained and status reported to Client.
5. All non-conformance products will be disposed or corrected as per the following options:
 1. Scrap
 2. Rework (Subject to Approval by Client)
 3. Repair (Subject to Approval by Client)
 4. Use as is (Subject to Approval by Client)
6. QC Inspectors will TEST/INSPECT the work as per required standards and notify the Project Manager, if fir any non-conformance. Project Manager will rectify the work immediately and will ask QC Inspector to retest. All corrective actions to be notified to Aramco and get approval for corrective actions, prior to the re-testing.
7. Until all non-conformance's are corrected and inspected/approved by Client, the next phase of activity will not be continued.
8. NCR form shall be generated by Senior QA/QC Engineer for Client Concurrence/review for disposition.

QUALITY ASSURANCE RECORDS

A quality record system shall be established and maintained by **East Build Contracting (EBC)**, to demonstrate achievement of the required quality and the effective operation of the quality program. Senior QA/QC Engineer shall be responsible for the establishment of all quality record system under the guidance of Project Manager.

- a) Records shall be prepared as work is performed to document items and activities affecting quality.
- b) Inspection and test records shall as a minimum identify.
 - i) Date and Time of Inspection or Test
 - ii) Inspector of the Data Recorded
 - iii) Type of Observation
 - iv) Procedure Used
 - v) Results
 - vi) Acceptability and the action taken in connection with any deficiencies noted.
- c) All records shall include the results of inspection, tests, monitoring of work performances, material analysis and fabrication or installation/construction logs.
- d) Contractor, shall finally compile all necessary documentations required to complete the project inspection record books as required by Client. The Project inspection record books shall be forwarded to the Company representative for review, comment and approval prior to facility completion.
- e) QA Record
 1. Girt Blasting and Printing Inspection Form
 2. Inspection Check List (before concreting)
 3. Soil Test
 4. Field Density Test
 5. Compaction Test
 6. Asphalt Concrete Test
 7. Concrete Strength Test
 8. Welding Inspection
 9. Radiography Inspection
 10. Dye Penetrant Inspection, if required.
 11. Magnetic Particle Inspection, if required.
 12. Non-conformance Report
 13. Material Test Report
 14. Vendor Inspection Report
 15. Ultrasonic Inspection Reports, if required.
 16. FBE Coating Records
 17. Audit Reports

IN-PROJECT TRAINING

- a) Senior QA/QC Engineer is responsible for the training of all personnel's on and QA/QC.
- b) Senior QA/QC Engineer will conduct periodical Orientation/Training to the required personnel's whose work effects quality.
- c) Senior QA/QC Engineer will be training QA/QC Inspectors prior to the project start up and Periodical Joint Inspections.
- d) Senior QA/QC Engineer will train additional Internal Auditors to assist in internal audits.
- e) All training records will be maintained for the audit purpose.
- f) Saudi Aramco will be invited to participate/attend initial QA/QC indoctrination training.

THIRD PARTY INDEPENDENT
LABORATORY SERVICE

We shall employ the services of Independent Third Party Testing Laboratories to perform Mechanical, NDE (Non-Destructive Examination) and Civil Testing as required for this project.

1. MECHANICAL

A) To be named.

Services for :

- i) Radiography Inspection/Technique
- ii) Dye Penetrant Inspection
- iii) Magnetic Particle Inspection

2. CIVIL

A) To be named.

Services for :

- i) Soil Test
- ii) Field Density Tests
- iii) Compaction Tests
- iv) Asphalt Concrete Test
- v) Concrete Cylinder/Cube
- vi) Concrete Temperature/Sampling

شركة تكينت السعودية المحدودة SAUDI TECHINT LTD.

October 03, 2007

Job completion Certificate

This is to certify that **East Build Contracting** has satisfactorily completed the Work Pad activities in Sabkha areas & Burn Pits covered approximately 650,000 M3 under the issued P.O. 6800001461 for our contract # 6600014583 Khursaniyah Downstream and Upstream Pipelines project with Saudi Aramco. This is indeed a remarkable accomplishment of East Build performed the work in line with Saudi Aramco Standards and requirements within the project stipulation and schedule.

Meanwhile, we would like to reiterate that, the sincere efforts and timely supports of East Build Contracting have greatly contributed to Saudi Techint Ltd.

This Certificate is issued on 03rd October 2007 in Dhahran upon their request.

Best regards,

Federico Kuch
Project Manager



SAUDI BINLADIN GROUP
PETROLIUM, CHEMICALS & MINING DIVISION (PCM)



مجموعة بن لادن السعودية
قطاع البترول والكيمائيات والتمدين

LINDE Site Office
3RD EXPANSION SHARQ PROJECT
JUBAIL, KSA

Ref. # EBC/SBLG/R0163
Date # May 13, 2009
Fax #. 03-846-3081

ATTENTION : Eng. Bassem Hassan
Senior Project Manager (East Build Contracting)

SUBJECT : Completion Certificate

Dear Bassem,

Please find attached certificate of completion of Control Building, RIB # 1, 2 & 3 Substation # 33/34 and Substation 35.

Final Acceptance date is April 30, 2009 as per Work Order # SPD/WOR-SC/SHARQ-Jawad-507-0009/06, Clause no. 15.0 & 20.0.

After issue of Final Acceptance Certificate, subcontractor will be responsible for all repairs, removal of defects for Two Years (up to April 29, 2011) as per condition of contract Performance Guarantee, Contract clause no. 6.0.

This is for your information.

Thanks & best regards,


M. Abdul Razzaq
Project Manager

Stamp: PETROLEUM CHEMICALS & MINING DIVISION (PCM) / قطاع البترول والكيمائيات والتمدين / بن لادن / مجموعة / SBG / والتعمدين / DIVISION (PCM)



Project Completion Certificate

This is to certify that **East Build Contracting** has perfectly completed the work for **Nevada Fire Science Academy (Phase 1 & Phase 2)** as a Main Contractor (DESIGN & BUILD), which cover the project area approximately 33,000.00 M² under the issued contract located in **Jubail Support Industrial Area**. This is indeed a remarkable accomplishment of East Build performed the work in line with **Kidde Fire Trainers (FID Documentation), NFPA and Royal Commission** standards and requirements within the project cost and time.

The details of completed project are as mentioned below:

Project Area - 33,000.00 M² (Phase 1 and Phase 2)

- Main Building (Offices, Training Classes, Locker Rooms and Showers, Cafeteria & Recreation Hall, Utility and Service Rooms)
- Clinic Building
- Maintenance Building 1&2
- Smoke House Simulation Training Building
- Fire Training Simulation Building
- External Fire Simulation Facility
- Reserve Underground Water Tanks (Capacity 3.5 Million Ltrs) with 12" Main Water Lines, Industrial Hydrants and Monitors.
- Gas Tanks (28,000 Ltrs. Capacity) with All Stainless Steel Gas pipes and Fittings
- Confined Research Area and Underground Tunnels
- Helipad and Helicopter Simulation Training
- Parking Area's and Car Shades.
- Main and Service Access Roads.

Meanwhile, we sincerely appreciate all efforts and timely support of East Build Contracting and greatly contributed to Nevada. Best regards,,,,,

Nevada Fire Science Academy – NFSA

Mr. Ashly Price

Vice President

1/2/2012



الهيئة الملكية للجيبك وينبع
الهيئة الملكية بالجيبك



الرقم : ٠٠٩٦٩

تاريخ رخصة البناء: ١٤٣١/٠٣/١٧ هـ

شهادة إشغال

إلى : شركة نيفادا للتدريب والتطوير المحدودة:

لتفاقية رقم: (٣ - ٧ - ٠٤٢ - م - ١٣٠)

منطقة الصناعات المساندة والخفيفة

طريق : ١٢٨

قسم : ن مربع رقم (٢١) قطعة رقم (٠٤)

نوع للنشاط: إنشاء وتشغيل مركز للتدريب على الإطفاء ومكافحة الحرائق للصناعية والتدريب على الإسعافات الأولية وأعمال الإنقاذ.
تم إصدار هذه الشهادة لإشعاركم بأنه على ضوء إكمال إنشاء مرفقكم بموجب الإتفاقية المذكورة أعلاه ، يمكنكم الانتقال إليه وإشغاله ، على أن إصدار شهادة الإشغال هذه لا يعني إعفائكم من مسؤولياتكم المستمرة للإلتزام والتقييد بالأنظمة والإجراءات المتعلقة بصيانة المباني (أو تلك الخاصة بإجراء أية تغييرات أو إضافات أو تحسينات مستقبلية).

الختم الرسمي :



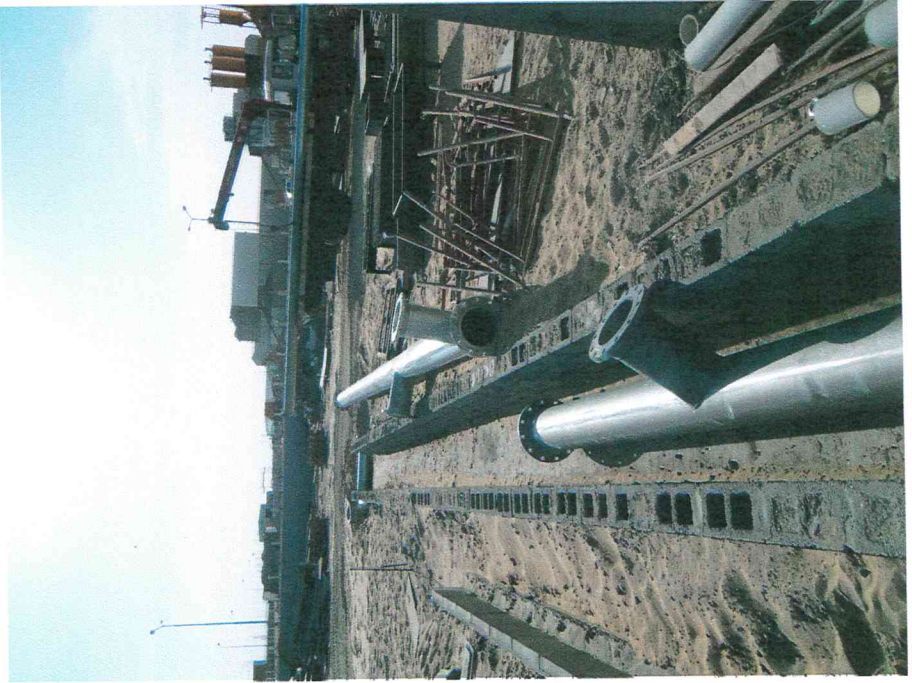
مدير إدارة المشاريع

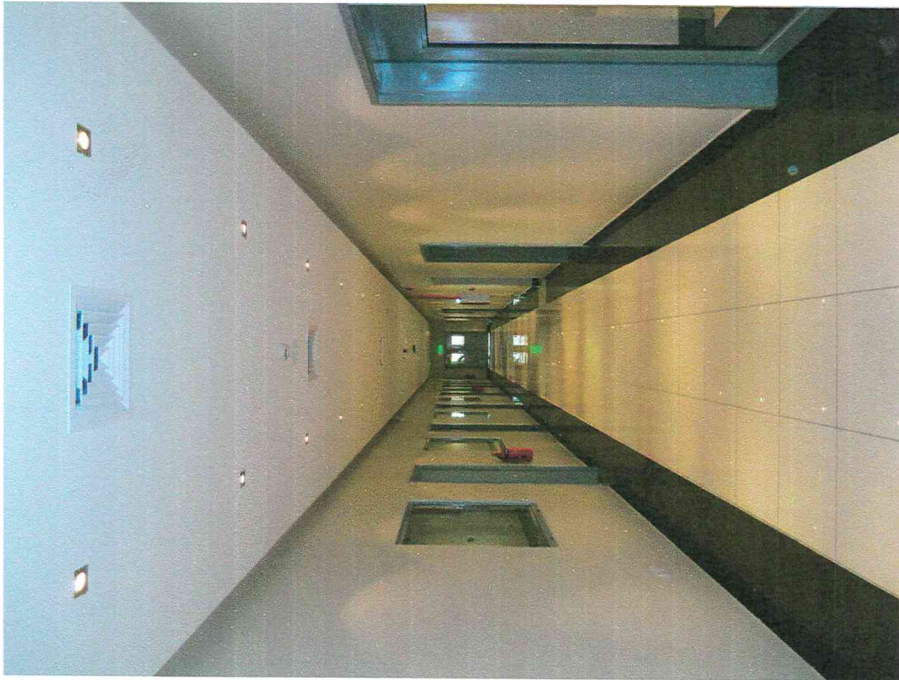
مظفر كسبر
سعود بن محمد السعدون

تاريخ الإصدار : ١٤٣٣/٠٢/٢٢ هـ

١٤٣١

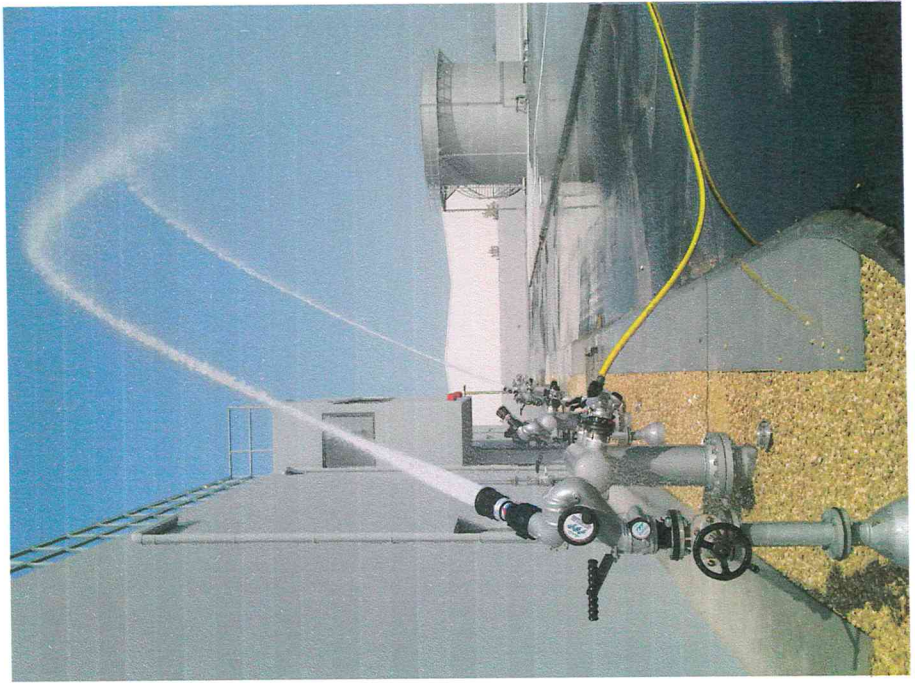
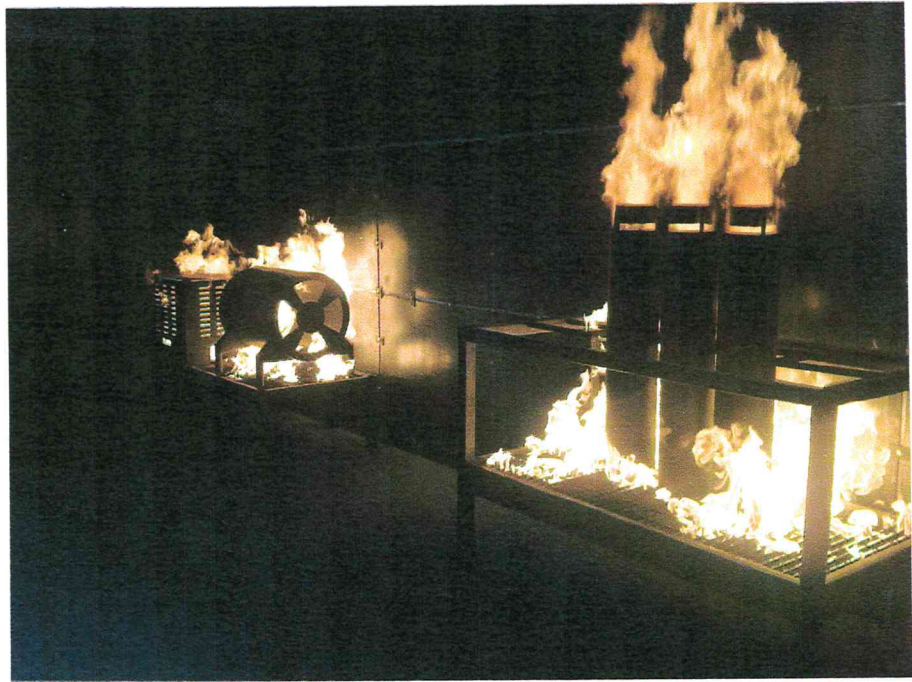
















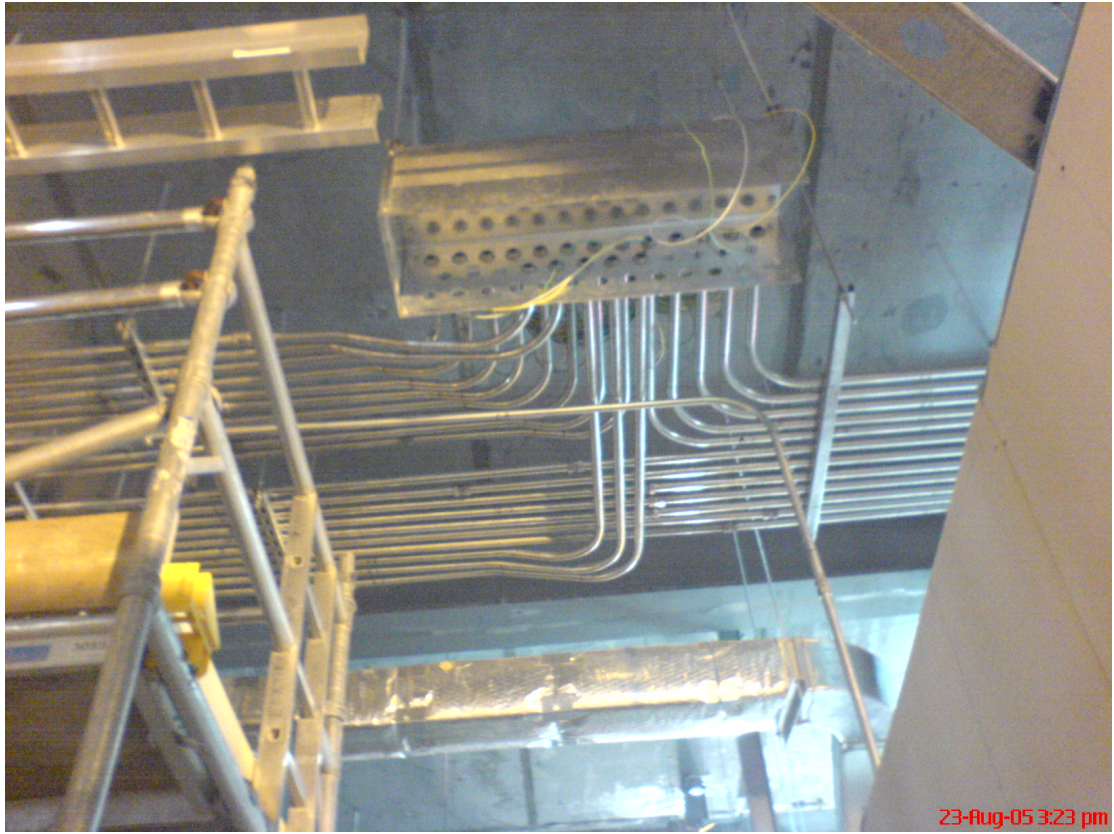
PROJECT : FANCY RESIDENTIAL BUILDING COMPLEX

المشروع : مجمع شقق سكنية فاخره
 المالك : بوابة أوان للتطوير العقاري
 تاريخ: ٢٠١٢-١٢-٢٤
 ترخيص بلدية رقم: ١٢٣/١٠٤٧٣
 ت: ٠٥٤٢٠١١١٩٩

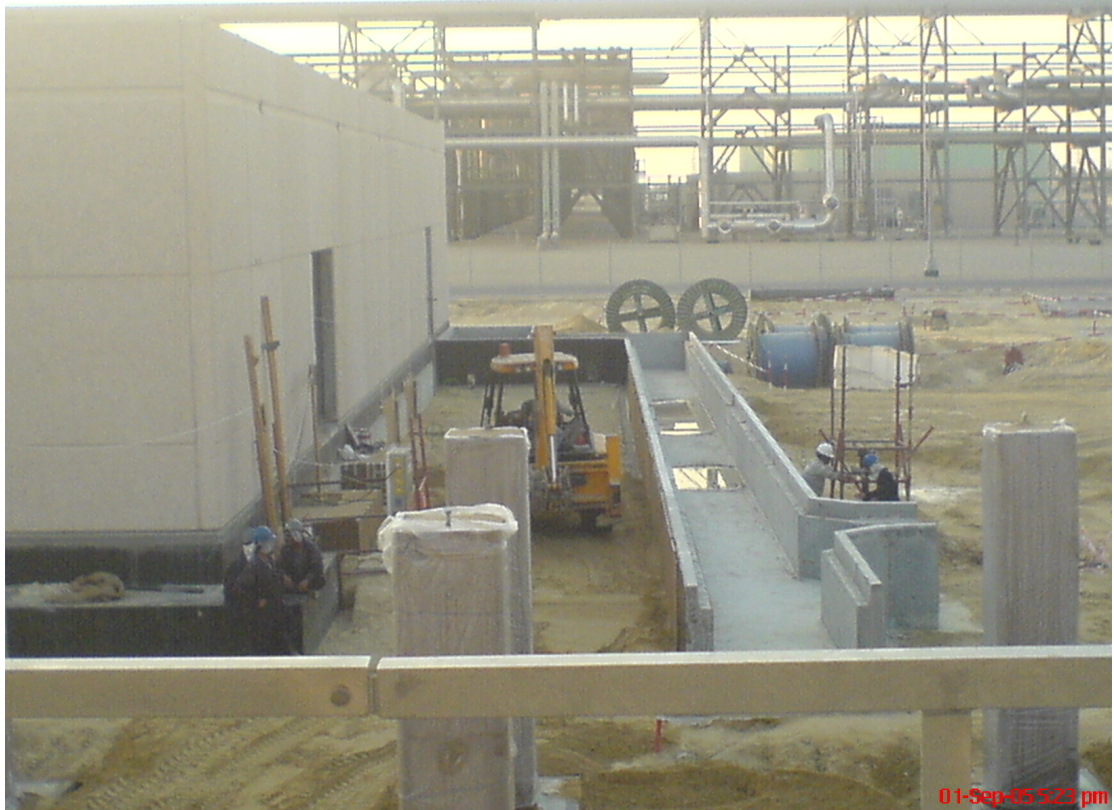
CONTRACTOR: **EastBuild** CONTRACTING
 اعمار الشرق للمقاولات
 المقاول
 TEL: +966 3 442 1322
 FAX: +966 3 442 1091
 www.eastbuild.com

CONSULTANT: **Sarh**
 صرح العمارة الهندسي
 Sarh Architecture Engineering
 TEL: +966 3 841 6080
 FAX: +966 3 842 1322
 www.sarh.com.sa





23-Aug-05 3:23 pm



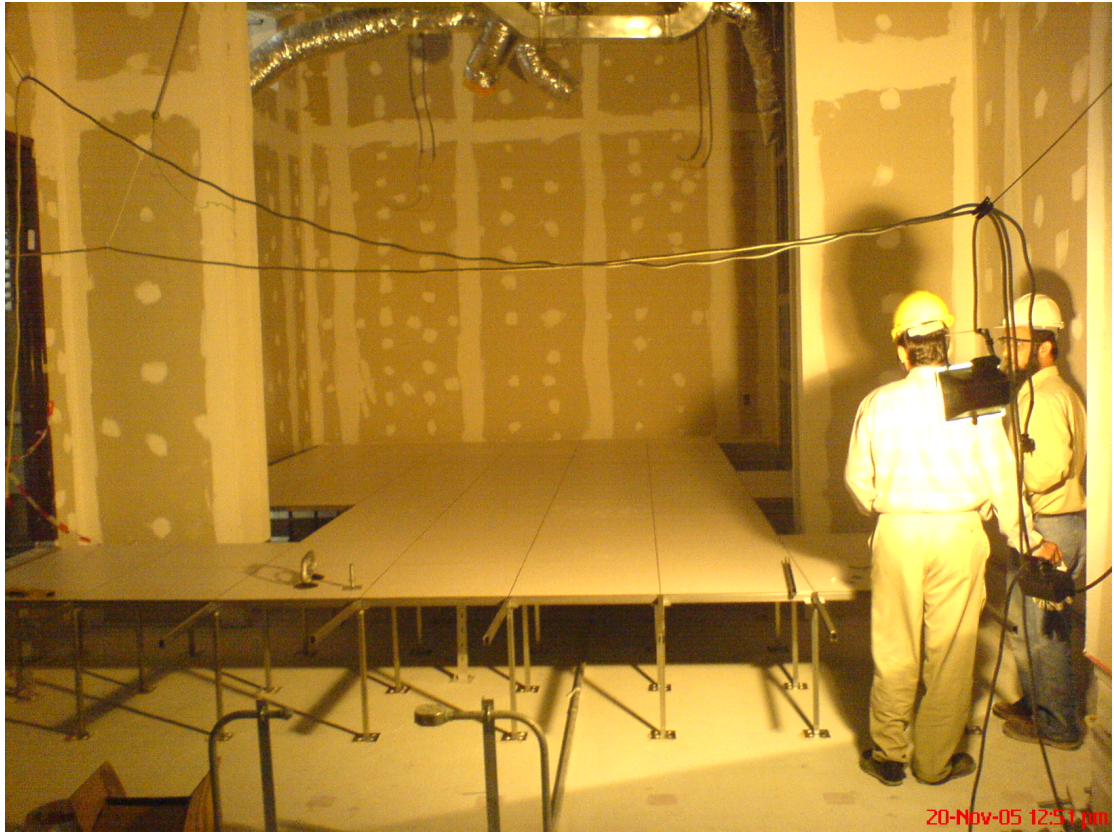
01-Sep-05 5:23 pm





11-Oct-05 12:18 pm







26-Nov-05 10:49 am



21-Jan-06 1:43 pm



04-Dec-05 12:44 pm



14-Dec-05 11:39 am





01-Nov-07 14:31



12-Feb-08 13:47

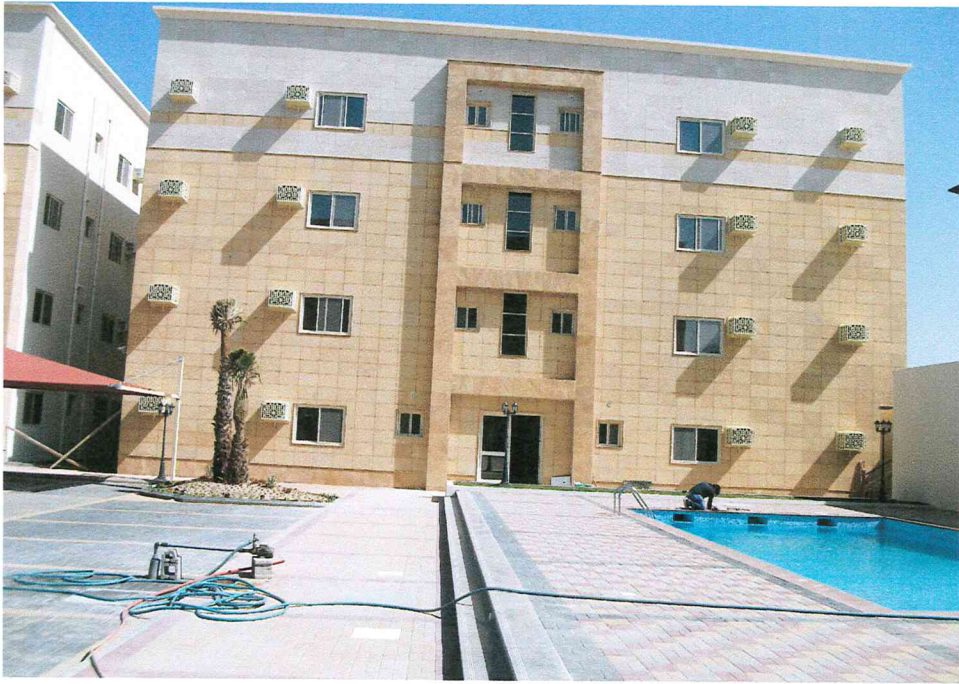








21-Jan-06 1:43 pm





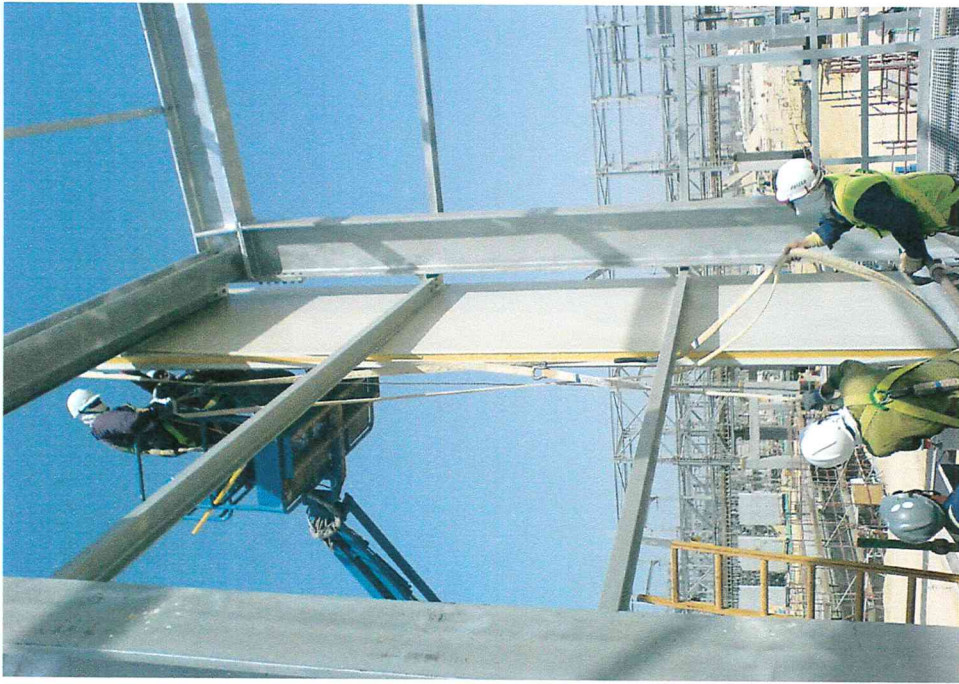


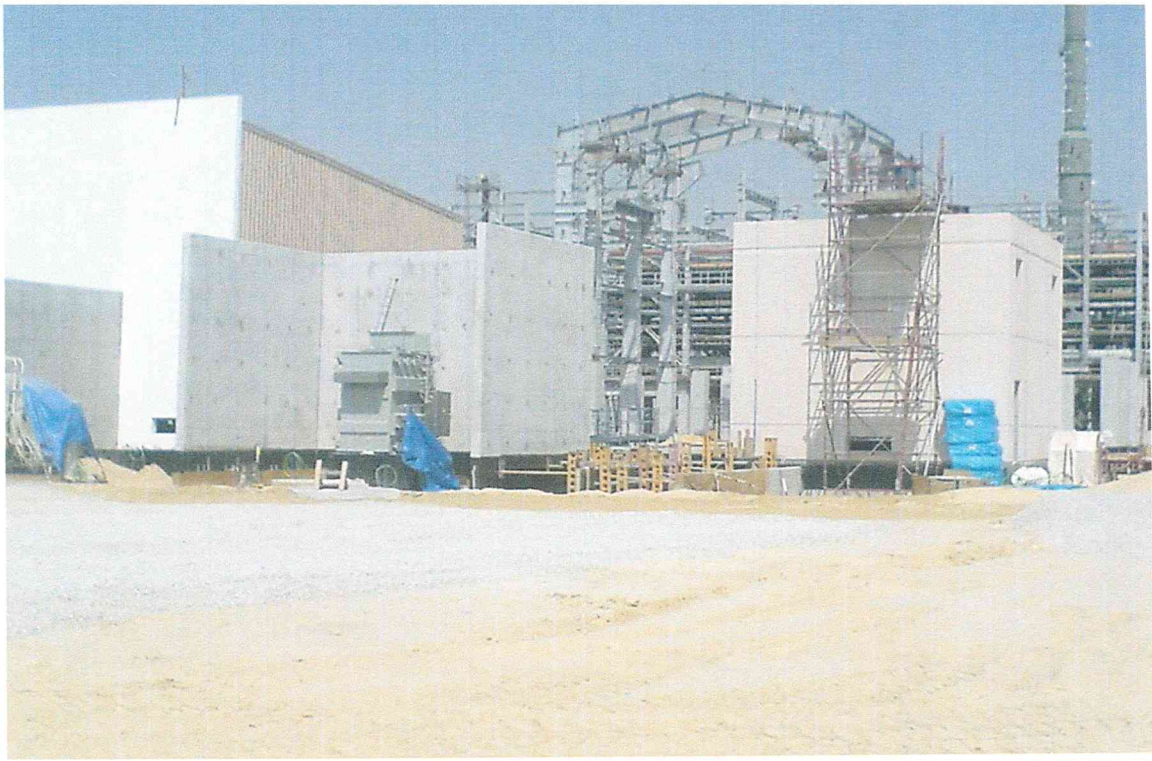


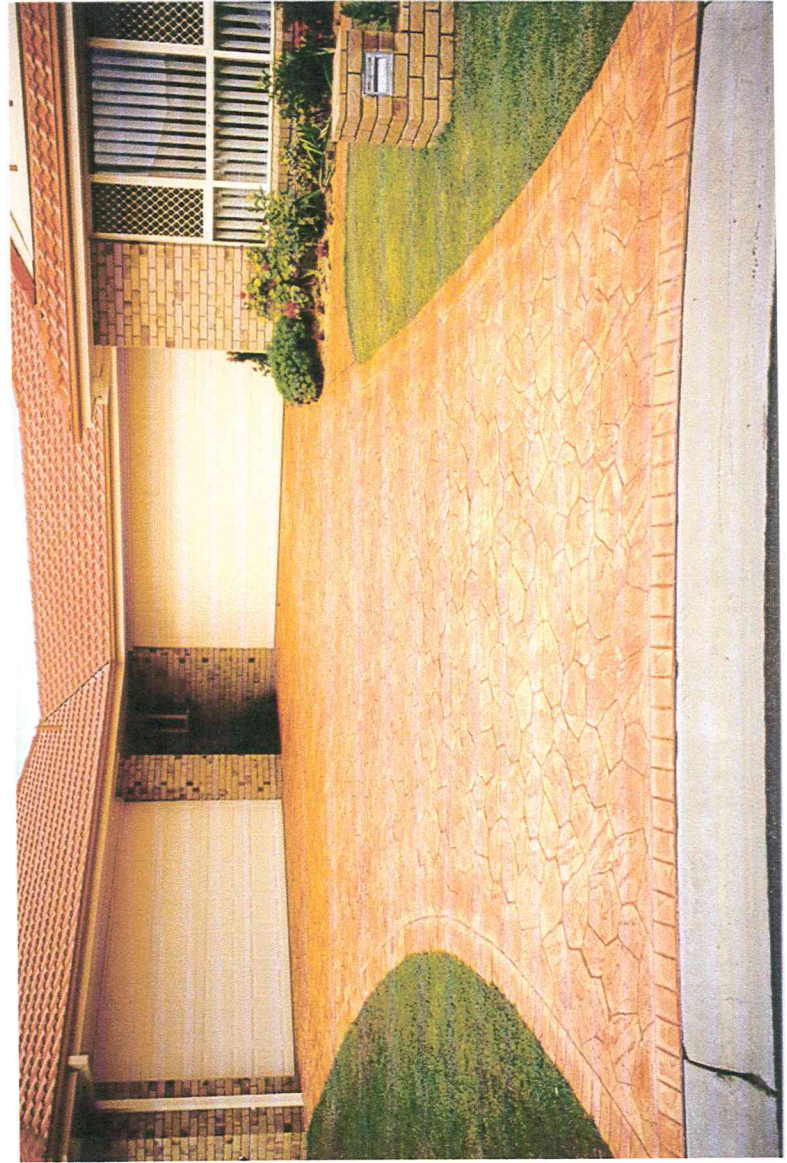


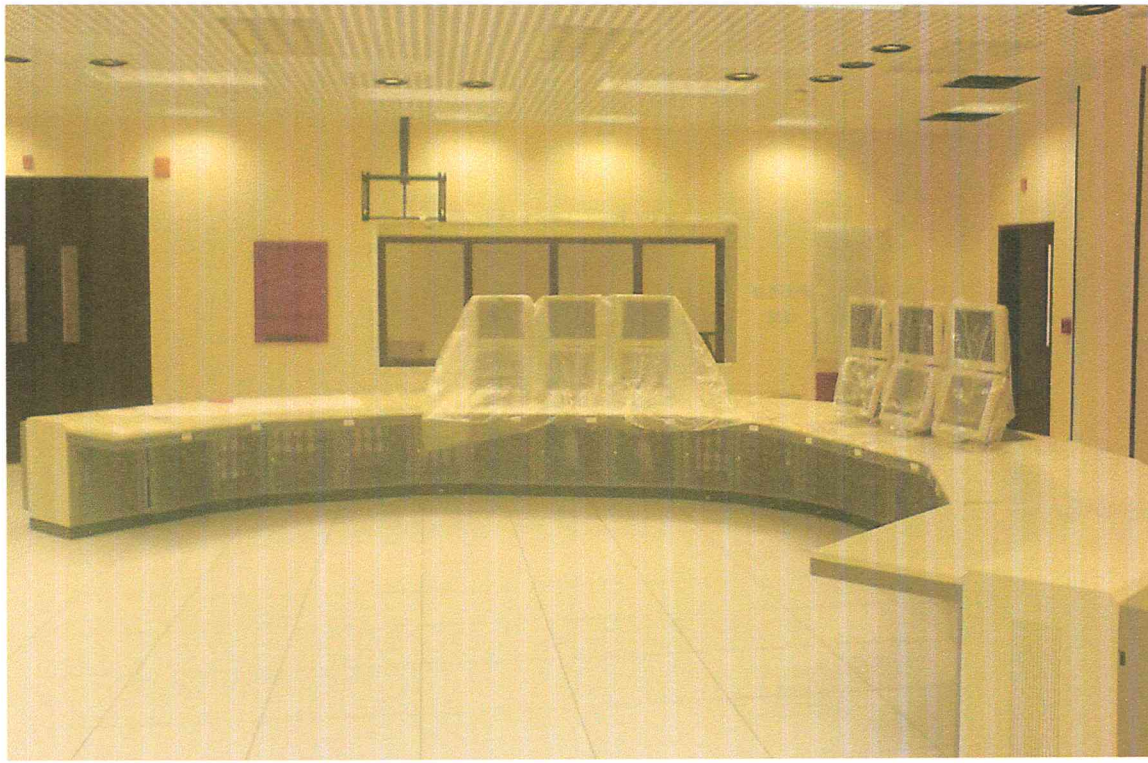




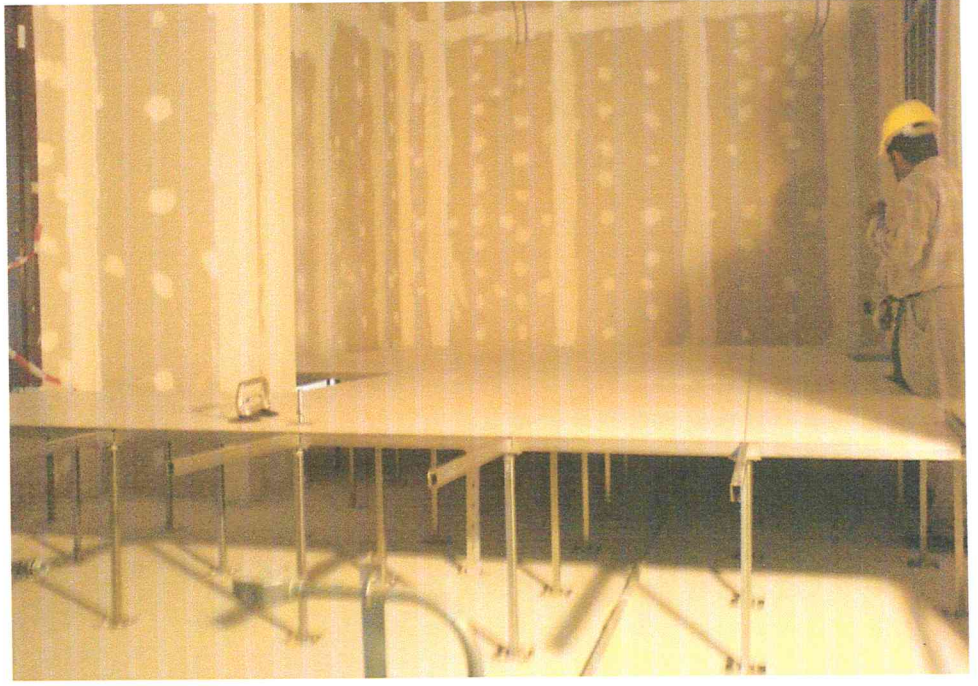


















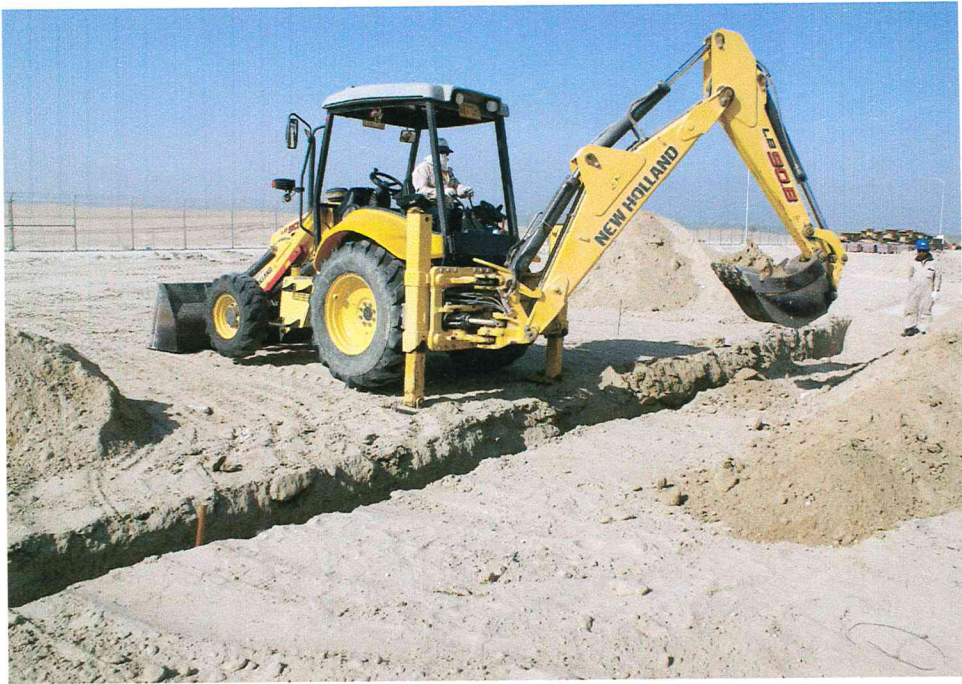
SPECIALIZING IN RESIDENTIAL, COMMERCIAL, INDUSTRIAL AND MUNICIPAL PAVING





HIGH QUALITY ASPHALT PAVING MATERIALS





المملكة العربية السعودية

وزارة التجارة والصناعة

شهادة تسجيل مؤسسة فردية

الرقم: ٤٠٥٠٠٤٦٨٩٦

التاريخ: ١٤٢٤/٠٣/٢٦

الاسم التجاري للمؤسسة: مؤسسة أعمار الشرق للمقاولات لصاحبها/شاكر نافل العتيبي
مركزها الرئيسي: الدمام / حي المثلث شارع الأمير /محمد بن فهد
ص.ب: ٩٢٤٤ الرمز البريدي: ٣١٤١٣ هاتف: ٨٠٥٥٢٨٥ تلكس: فاكس:
اسم التاجر (رباعياً): شاكر نافل شارع الشيباني العتيبي الجنسية: حوى تاريخ الميلاد: ١٣٨٧
رقم السجل المدني - الإقامة: ٠٠١٠٠١٠٣٦١٠٠ تاريخه: ١٤٠٥/٠٧/٢٧ مصدره: الخبر
رقم الحفيظة - الجواز: ٩٧٩٤ تاريخه: ١٤٠٥/٠٧/٢٧ مصدره: الخبر
النشاط:

مقاولات لصناعة المباني (إنشاء - مدم - ترميم - إصلاح) وميانة وتشغيل
المباني والساحات السكنية والسيارية وأعمال الكهرباء والسبكائيتة
وتنسيق الحدائق وتنفيذ أعمال الجبس والديكور

رأس المال: ٢٥٠٠٠٠٠٠ فقط خمسة وعشرون ألف ريال لاغير
اسم المدير أو الوكيل المفوض: شاكر نافل شارع الشيباني العتيبي
الجنسية: حوى تاريخ الميلاد: ١٣٨٧ الدمام
رقم السجل المدني - الإقامة: ٠٠١٠٠١٠٣٦١٠٠ تاريخه: ١٤٠٥/٠٧/٢٧ مصدره: الخبر
سلطات المدير: إدارة أعمال المؤسسة

يشهد مكتب السجل التجاري بمدينة الدمام بأنه تم تسجيل هذه المؤسسة بسجل مدينة
وتنتهي صلاحية الشهادة في ٤٢٤/٠٣/٢٥ بموجب الإيصال رقم: ٠٠٣٠٠٢٣٤ وتاريخ: ١٤٢٩/٠٤/٠٣

مدير السجل التجاري، الاسم: جمال ناصر القطوف
التوقيع: الختم



غرفة الشرقية
ASHARQIA CHAMBER

شهادة اشتراك - ٢٠١٢م

رقم العضوية : ٤٧٧٠١

الدرجة : الثالثة

تشهد الغرفة التجارية الصناعية للمنطقة الشرقية بأن :

مؤسسة اعمار الشرق للمقاولات

سجل تجاري رقم : (٢٠٥٠٠٤٢٨٩١ / ٢٠٥٠٠٣٤٣٢٢) . صندوق بريد : ٩٢٤٢ الدمام ٣١٤١٣

مسجل لديها هذا العام و ينتهي سريان هذه الشهادة في نهاية عام ٢٠١٢م .

التوقيع

غرفة الشرقية
ASHARQIA CHAMBER
مركز خدمات
غرب الدمام

صدرت في : ٢٠١٢/٠١/١٦م الموافق ٢٢/٠٢/١٤٣٣هـ

رقم السند: ٢٥/٨٦٢ تاريخ الإشتراك : ٢٢/٠٢/٢٠٠٤م ١٣١٢٤

قم الموحد ٦١ ٩٢٠٠٠١٣
فاكس ٨٥٧٠٦٧



نعمل معاً... لغد أفضل

المملكة العربية السعودية
وزارة التجارة
مصلحة الزكاة والدخل



الدمام

رقم الشهادة ٦٠٩٤
التاريخ ١٥ ٠٥ ١٤٣٢

رقم الملف ٢٤٤٥٠٠١٠٥
الرقم المميز ١٠٠١٧٩٣٢٧

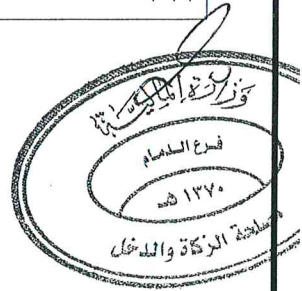
شهادة

صفحة رقم ١

قائمة فروع المكاف

اسم المكاف مؤسسة اعمار الشرق للمقاولات / شاعر نافل العتيبي
سجل تجاري رقم : ٢٠٥٠٠٤٢٨٩١

رقم السجل/ الرخص	اسم الفرع	المدينة
١٤٨٦	مكتب صرح العماره الهندسى	الدمام
١٤٧٣	الصرح للهندسه المعماريه	الدمام
٢٠٥٠٠٣٤٣٢٢	مؤسسة تطوير الصناعة التجارية	الدمام
٤٢٤/٢٢٦	مؤسسة اعمار الشرق للمقاولات	الدمام
٢٠٥٠٠٦٥٤٠٧	مؤسسة اعمار الشرق للتكليف	الدمام
١٩٢	مؤسسة اعمار الشرق للتكليف	الدمام





المملكة العربية السعودية
وزارة الشؤون البلدية والقروية
تصنيف المقاولين

شهادة تصنيف المقاولين

رقم ١٣٥٨٧

الرقم ١١٦٧٥

التاريخ ٢ / ٢ / ١٤٣٢ هـ

رقم الملف ١٦١٣٦

اسم المقاول : مؤسسة اعمار الشرق للمقاولات الجنسية : سعوديه
نوع الملكية : مؤسسة فردية لصاحبها شاعر نافل شارع الشيباني العتيبي
رقم السجل التجاري : ٢٠٥٠٠٤٢٨٩١
العنوان : ص . ب ٩٢٤٢ الدمام ٣١٤١٣
مجال التصنيف

المباني

(مصنف في مجال واحد فقط)

٢٥

تاريخه : ١٤٢٤ / ٠٣ / ٢٦

فاكس : ٨٤٦٣٠٨١

الدرجة
الدرجة
الرابعة

مصدره : الدمام
هاتف : ٨٤٢١٣٩٠

الدرجة

تنتهي صلاحية هذه الشهادة بتاريخ : ٢ / ٢ / ١٤٣٦ هـ

وكيل الوزارة لشؤون تصنيف المقاولين

م / عبدالله بن محمد المطيري



بمبار

لاحظه هامة جداً :
يجب مطابقة الصور على الأصل في كل حالة .
كل كشط أو تغيير في هذه الشهادة يلغيها .