



**RAPCO EPC: RAPCO CONTRACTING &
INDUSTRIAL CONSTRUCTION, SERVICES**
Quality Matters, We Do Believe In Quality

COMPANY PROFILE

رؤية
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

www.rapcogroups.com



RAPCO EPC —

Design, Engineering, Procurement, Constructions, General Civil Constructions, Infrastructure, General Contracting Civil, Buildings, Architectural, Electrical, Instrumentation, MEP and Mechanical Works for various sectors. Integrated Industrial Security System & Services. Onshore & Offshore Constructions and Rig Construction.



EPC MAIN CONTRACTOR —

- ✓ Civil Works, Earth Works, Site Preparations, Road Works.
- ✓ RCC Buildings Constructions, (Chemical, Control/Admin, Substation, Office, Commercial Centers & Residential).
- ✓ Electro-Mechanical Works, MEP.
- ✓ IT & Communications, Industrial Security Systems Integration, Industrial Security Services, Telecommunication, IDAS, LRDAS, CCTV, Access, ISP, OSP Works.
- ✓ Piping, Fabrication, Mechanical Equipment Erection.
- ✓ Electrical & Instrumentation, Painting, Pre Commissioning.
- ✓ Site Temporary Facilities – Offices, Warehouses & Camps.
- ✓ Construction Supports & Plant Maintenance/Shutdowns, General Services.
- ✓ Trading, Materials Supplier, Logistics and Operations.
- ✓ Supplemental Resources, Manpower/Equipment Support and Service Provider.

BUSINESS PORTFOLIO



OIL & GAS



REFINERY



PETROCHEMICALS



INDUSTRIAL



POWER, WATER & SOLAR ENERGY

RAPCO CONTRACTING & INDUSTRIAL CONSTRUCTION, SERVICES

Established in 1982

100% Saudi Owned

Independent Constructors

Multi National and Multi Discipline Workforce

Operating Through-out the Middle East

Employing 929 Professional and Support Staff in Saudi Arabia.

Long And Proven Track Record for Projects in Saudi Arabia

Committed to Saudization Programme,VAT & IKTVA

Committee to Training of staff



WHO WE ARE / WHAT WE DO

We Rapco Contracting & Industrial Construction, Services are EPC Constructors.

RAPCO recognized leader in reliability and innovation for mega projects across the Kingdom in the fields of civil & building, oil & gas, petrochemicals, power and water. Our Core Business as follows:

Our Core Business as follows: RAPCO undertake the projects as EPC, Main Contractor with overall responsibility for the execution of the works on a turnkey basis, which including design & build, general contracting and constructions.

- ✓ Design, Engineering, Procurement, Constructions, General Civil Constructions, Infrastructure, General Contracting Civil, Buildings, Architectural, Electrical, MEP and Mechanical Works for various sectors. Integrated Industrial Security System & Services. Onshore & Offshore Constructions and Rig Construction.
- ✓ Earth Works, Site Preparations.
- ✓ RCC Buildings Constructions, (Chemical, Control/Admin, Substation, Office, Commercial Centers & Residential).
- ✓ Electro-Mechanical Works, MEP, IT & Communications, Industrial Security System, IDAS
- ✓ Piping, Fabrication, Mechanical Equipment Erection,
- ✓ Electrical & Instrumentation, Painting, Pre Commissioning,
- ✓ Site Temporary Facilities – Offices, Warehouses & Camps.
- ✓ Construction Supports & Plant Maintenance/Shutdowns, General Services.

RAPCO are in confidence with you that our services would fulfill your requirement. By combining technical expertise with immense knowledge of local markets and rich human capital, RAPCO ensures ample resources for the most demanding construction, operations, or maintenance projects.

VISION & MISSION



COMPANY VISION & MISSION STATEMENT

VISION —

To be the leader in our industry and the major player in each of our market segments.

To be the leading provider of quality construction and engineering services in the Middle East.

MISSION —

- ☒ To meet the requirements and always strives to exceed the expectations of our Clients, Shareholders and Employees.
- ☒ To overcome the external and internal issues associated with the organization's Business and Scope of work, and to fulfill all the relevant requirements.
- ☒ To form long-term relationships of value with our clients and partners by using quality construction and engineering solutions and employing the best resources and latest techniques.

VALUES —

- ☒ Our values stand on foundation of Safety & Integrity.
- ☒ People are the heart of our business.
- ☒ Clients are our Valued Partners.
- ☒ Performance excellence is our commitment.

EPC CONSTRUCTOR

Design, Engineering, Procurement, Constructions, General Civil Constructions, Infrastructure, General Contracting Civil, Buildings, Architectural, Electrical, MEP, Industrial Security and Mechanical Works for various sectors. Onshore & Offshore Constructions.

- ✓ Civil, Earth Works, Site Preparations.
- ✓ Site Temporary Facilities - Offices, Warehouses & Camps.
- ✓ RCC Buildings Constructions.
- ✓ Electro-Mechanical Works, MEP.
- ✓ Industrial Security Systems Integration, IT & Communications, Industrial Security Services, IDAS, Telecommunication.
- ✓ Piping, Fabrication, Mechanical Equipment Erection.
- ✓ Electrical & Instrumentation, Painting, Pre-Commissioning.
- ✓ Construction Supports & Plant Maintenance / Shutdowns, General Services.
- ✓ Communications Work - Inside Plant (ISP).
- ✓ Communication Work - Outside Plant (OSP).
- ✓ Water Treatment.
- ✓ EPC
- ✓ General Contracting.
- ✓ Solution.
- ✓ Site Development.
- ✓ Industrial Security.
- ✓ ISP & OSP Communication.
- ✓ Site Temporary Facilities.
- ✓ Infrastructure Networks.
- ✓ Civil Works.
- ✓ Building Construction
- ✓ Architectural Finishes
- ✓ Electro-mechanical
- ✓ Piping & Fabrication
- ✓ Electrical
- ✓ Instrumentation
- ✓ Industrial Plants
- ✓ Pipelines
- ✓ Mechanical Equipment
- ✓ Erection
- ✓ HVAC System
- ✓ Fire Fighting System
- ✓ General Maintenance



SERVICES



	Infrastructure & Heavy Industry	High Tech & Iconic Buildings	Oil Gas, & Petrochemicals	Water, Power & Solar System,	IT, Communication, and Industrial Security Services
SERVICES					
Design, Engineering, Procurement & Construction	√	√	√	√	√
Commissioning Turnover Complete	√	√	√	√	√
FMCG – Facilities	√	√	√	√	√
DISCIPLINES					
General Contracting – Civil, Buildings Constructions – Substation, Gas Stations	√	√	√	√	√
Site Temporary Facilities, Offices, Camps, Warehouses & Utilities Services	√	√	√	√	√
General Constructions – Civil Structural & Architectural	√	√	√	√	√
MEP – Mechanical, Electrical, Instrumentation & Plumbing	√	√	√	√	√
Mechanical & Electrical Building Services	√	√	√	√	√
Piping, Fabrication & Erection	√	√	√	√	√
IT, Communication, IDAS, and Industrial Security Services	√	√	√	√	√
General Maintenance, Plant Shutdown	√	√	√	√	√



CIVIL CONSTRUCTION



BUILDINGS



ELECTRO MECHANICAL



MEP, IT & IDAS



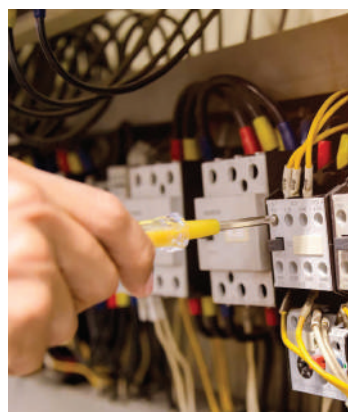
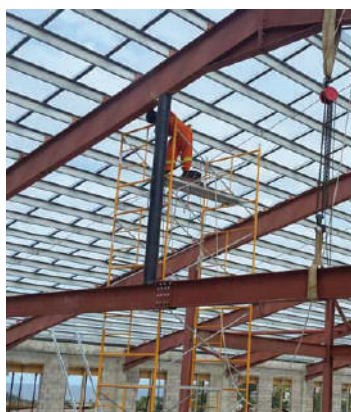
STRUCTURAL STEEL FABRICATION

RAPCO ACTIVITIES CAN BE CATEGORIZED IN THE FOLLOWING AREAS: —

- ✓ Civil Construction, Rcc Buildings Including Structural And Architectural
- ✓ Plant Fabrication And Installation
- ✓ Electro/mechanical Projects
- ✓ Security, It, Communication & Idas System
- ✓ Steel Fabrication
- ✓ Temporary Facilities
- ✓ Drilling And Blasting Services
- ✓ Operation And Maintenance
- ✓ Camps, Catering And Warehouse Management

LIST OF ACTIVITIES —

- ✓ Turnkey Industrial Project
- ✓ General Construction
- ✓ Site Preparation
- ✓ Precast Concrete
- ✓ Structural Steel Erection
- ✓ Steel Fabrication
- ✓ Mechanical / Piping Works
- ✓ Electrical Works
- ✓ Maintenance Of Industrial Plants
- ✓ Temporary Facilities
- ✓ Manpower & Heavy Equipment Rental
- ✓ Drilling And Blasting Services
- ✓ Prefabricated House & Office
- ✓ Transportation Services



CIVIL CONSTRUCTION —

RAPCO track record includes successful completion of the civil works for major industrial and multi-discipline projects that include desalination and power plants, petrochemical and gas installations, cement plants, utility installations, factories and electrical substations. It has also completed high quality industrial and residential complexes, hospitals, administrative & institutional buildings.

In such projects RAPCO provided worldwide material purchasing, handling, transportation and storage. Such activities and expertise, in all aspects, were provided in-house by multidiscipline highly qualified engineers, technicians and construction staff, and company-owned equipment and construction materials.



MECHANICAL WORKS —

RAPCO has successfully completed major mechanical, industrial and multi-discipline projects which include desalination and power plants, petrochemical and gas installations, cement plants, utility installations, factories. The Works in such projects covered total equipment, steel structure, piping, insulation, painting, electrical and instrumentation erection works.



PROJECT MANAGEMENT CAPABILITY

RAPCO has accumulated a vast experience in managing construction projects throughout the Middle East, where work has been carried out to exacting technical specifications, difficult schedules, and under the tough constraints of lump-sum fixed prices. Under these conditions, the company has assumed total responsibility for the overall performance of all the disciplines involved including structural works; electrical, air-conditioning and plumbing work; internal architecture and finishing works; landscaping and external works. Hence RAPCO Construction has acquired a multidisciplinary project-management capability independent from its field construction expertise.

As a result of this project management know-how, RAPCO has frequently been asked to act as Project Manager or Owner's Representative on special building projects belonging to affiliated companies.

In this role, RAPCO seconded senior project-management and construction-management personnel to each project. These staff members acted on the owner's behalf and coordinated the work of the many contractor and sub-contractors. In most instances, RAPCO Construction personnel established detailed schedules for the project and assisted the contractor in maintaining achievement levels, observing completion dates and keeping to the budgets. Additional responsibilities included gaining approvals from municipalities and local authorities at various stages throughout the project.



INTRODUCTION —

RAPCO is established since 1982 and is a wholly owned Saudi Arabian organization, within a Saudi based International Conglomerate. It is one of the leaders in all disciplines of Civil, Mechanical, Pipeline and related Construction Work in the Kingdom of Saudi Arabia.

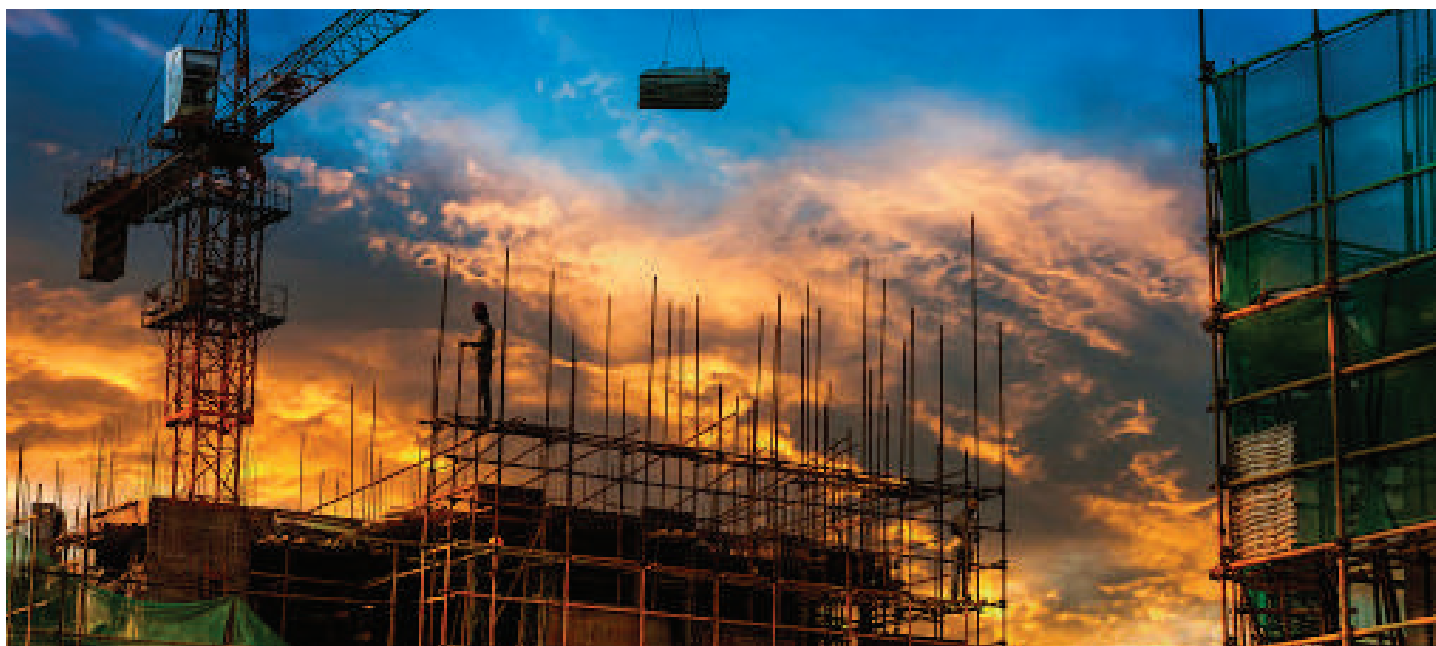
RAPCO has accumulated extensive experience over the last Twenty Four Years of Operation, with successful implementation of large Construction, Fabrication, Pipeline, and Electro-Mechanical Projects for major Clients. Among the contracts executed are constructions of many miles of cross-country pipelines, trunklines, flowlines, water injection lines, wellheads, cathodic protection systems, tie-ins, hot tapping into live lines, cold pipe bending ; In-plant fabrication, installation, electrical & instrumentation, maintenance, rehabilitation and related civil works throughout the Kingdom.

RAPCO has the Reputation, Expertise, Manpower, Equipment and Resources, to professionally execute large scale projects economically and on schedule to the entire satisfaction of its clients:-

Reputation: Quality, Reliability, Integrity, Honesty, Confidence & Hard Work are all the ingredients that have contributed to the Company's renowned reputation, of getting the job done to perfection within budget and on time.

Expertise: The execution of many demanding projects in the past, over the most inhospitable terrain and adverse weather conditions in the field of civil construction and pipe lines construction has provided the Company with a wealth of experience and invaluable expertise, second to none.

Manpower: Through stringent screening and selection of highly qualified & specialized personnel the Company has a cross section of specialists and craftsmen at its disposal who are dedicated to work as a team, to fulfill contractual obligations.



Equipment: The impressive range of machinery, equipment and vehicles owned by the Company is kept in the best possible condition by well trained and competent engineers and mechanics, in complete readiness for deployment at any given time.

Resources: As part of an international conglomerate, the Company has limitless resources at its disposal to meet any challenge. It has the capability and confidence to carry out any size project from the straight forward to the most demanding.

The recent changes and management style, together with the expansion programme has extended RAPCO “Scope of Activities” in pipeline and related construction. It specializes in:-

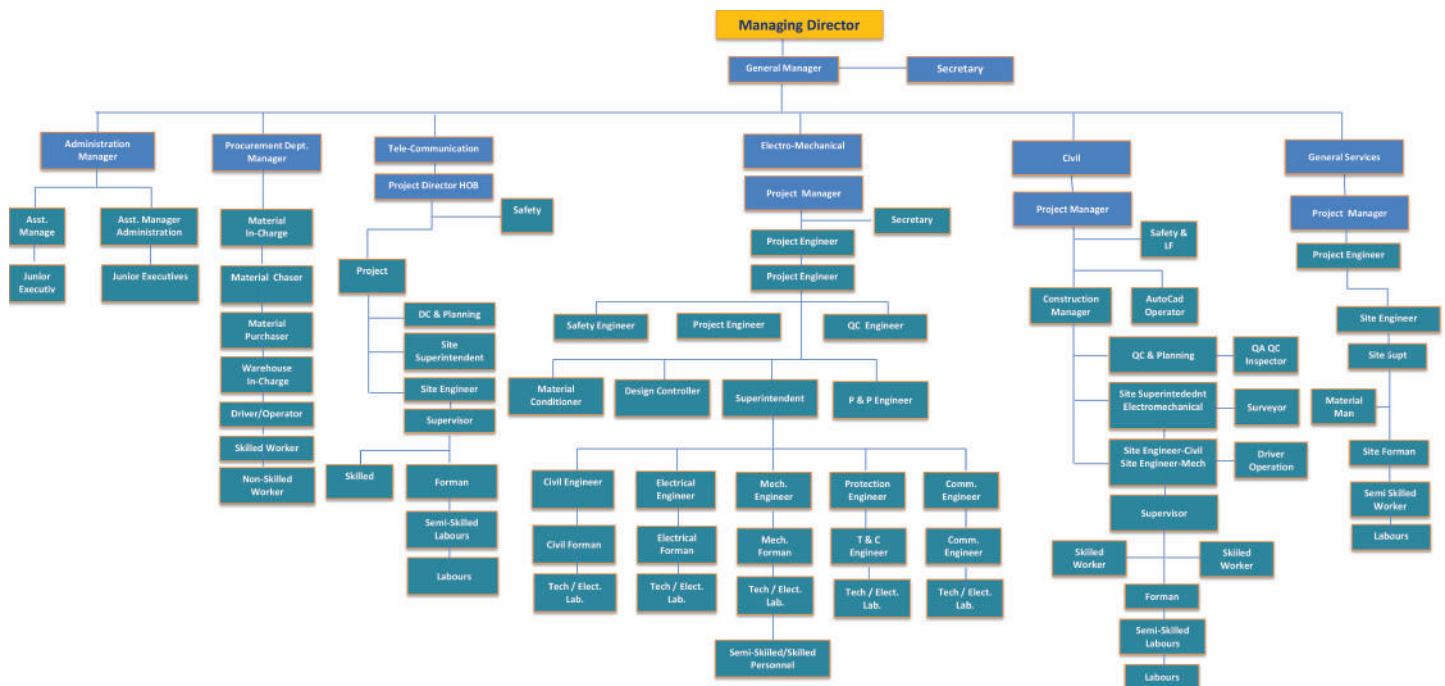
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| ☒ Civil Construction | ☒ Related Civil Work |
| ☒ Pipe laying (buried and above ground) | ☒ Cathodic Protection System |
| ☒ Plant fabrication and installation | ☒ Plant electrical and instrumentation work |
| ☒ Electro-Mechanical | ☒ HVAC |
| ☒ Thrust boring (up to 48” dia) | ☒ Maintenance |
| ☒ Shrink sleeve installation for epoxy coated pipe | |

To achieve its objectives the Management is hypercritical in its demands and expects very high standards from its qualified and experienced multinational workforce, who have the enthusiasm and determination to perform their duties to the best of their ability.

The Manpower is carefully selected from the Kingdom, The Philippines, India, Pakistan, Bangladesh and Sri Lanka, while the Management consists of professionally qualified and experienced Saudi Arabian nationals and expatriates from United States of America, Canada and Egypt. The current total numbers of employees are 929 personnel.



ORGANIZATION



ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007

**GENERAL CONTRACTING CONSTRUCTION
&
ELECTRO MECHANICAL CONTRACTOR**

ABOUT RAPCO —

RAPCO is a subsidiary of a highly specialized Global Group of Companies. RAPCO is a leading general contracting and provider of construction and engineering support services to public and private sector customers across a wide of market sector in Saudi Arabia. Our objective is to build and maintain value for our range of stakeholder groups.

RAPCO offers a full range of general contracting, construction and engineering support services options, from major building and infrastructure projects through to smaller building and civil engineering works, mechanical, piping and structural fabrication works. We can offer single service delivery or tailor integrated solutions to meet precise customer needs.

Backed by our years of experience, expertise, unique delivery capability, highly motivated, talented people, and our commitment to high quality and standards, we offer customers comprehensive approaches including general contracting, construction management and property development solution

GENERAL CONTRACTING, CONSTRUCTION MANAGEMENT SERVICES —

As part of a Global Group of Companies, RAPCO provides multidisciplinary and comprehensive professional services that enable our clients to succeed across a wide range of goals regardless of size or scope of complexity our professionals contribute state-of-the-art knowledge of equipment and practices, representing all of the disciplines involved in project execution and development. Our core services Include general contracting, construction management, property development and real estate management.

We integrate all of the above into total program Management. With our supervisory skills, global resources and diverse expertise, RAPCO is acknowledged as one of Saudi Arabia's top program delivery Companies-seeing projects through their entire life cycle from concept to product Realization.



GENERAL CONTRACTING, CONSTRUCTION

ELECTRO MECHANICAL CONTRACTOR SITE TEMPORARY FACILITIES

RAPCO is a Construction and Buildings Contractor. RAPCO is fully equipped to handle all types of general contracting and in addition has design, build, operate and management capabilities required to handle any “turn key” project. By providing an efficient ‘one –stop’ service, RAPCO can ensure maximum consistency between the design and build stages and offer clients many other advantages with regard to project coordination, scheduling and on-time quality delivery of all types of projects

CONSTRUCTION MANAGEMENT

RAPCO offers professional construction management services that are tailored to the size and complexity of any given project, backed by a corporate commitment to total quality management. RAPCO construction engineering and supervisory services personnel are experts in management, supervision, monitoring and documenting the progress and quality of construction work.

GENERAL CONTRACTING

Through its broad range of general contracting capabilities, RAPCO helps make tomorrow a better place. It is a leader in integrated General Contracting solutions for buildings, utility infrastructures and services, Engineering, procurement, construction, project management. At RAPCO , we do it all, and we strive to do it best. At the heart of every construction job is engineering, and RAPCO makes sure it’s done intelligently-with constructability in mind.

The success of any project also depends on getting the right equipment, goods and services at the right time, and at the right price. RAPCO Size and reach enable us to procure nationally and globally, ensuring the Best possible deals.

Led by a dynamic team of experienced professionals founded on a solid Tradition of remarkable achievements in projects completed throughout Saudi Arabia, RAPCO sets a quality and performance benchmark For Civil Engineering, Building, Architectural, Mechanical, Electrical, Piping, Fabrication, Refurbishment & Renovation Works. Engineering, procurement, construction, project management. At RAPCO , we do it all, and we strive to do it best.

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CONSTRUCTION MANAGEMENT —

RAPCO offers a board range of pre-construction planning and Construction management services specifically tailored to meet the unique requirements of a client's project. At the core of RAPCO CONSTRUCTION Management success are teams of professionals collaborating with in a proven process of well tested project management methods and construction management solutions that are continuously monitored and reviewed against industry best practices.

MAJOR CONSTRUCTION MANAGEMENT APPROACHES RAPCO CAN OFFER:

- ☒ Pre-construction Planning (Corpceptual cost Modeling, basis of design Estimates & Tracking, value Engineering studies/recommendations, Life Cycle Cost Studies, Milestone & CPM Schedule Development)
- ☒ Construction Management (Pre-construction Management, Contract Administration, Owner/Client consultation, Guaranteed maximum Price Development, Schedule and Phasing Management, Financial/Insurance Management, Procurement/Contract Award, Project Reporting, Commissioning & Start-up, Punch list/Close-out)
- ☒ Design Build (Single source design/construct management, CPM Schedule development, construction, QC/QA management)



PRODUCTS AND SCOPE OF SERVICES —

CONSTRUCTION, INCLUDING CIVIL (STRUCTURAL AND ARCHITECTURAL) ELECTRO/MECHANICAL PROJECTS

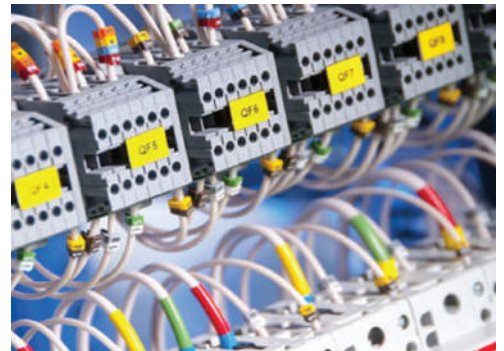
GENERAL CONTRACTING

- | | |
|--|---|
| ☒ Integrated Contracting Solution. | ☒ Infrastructure Complexes. |
| ☒ Site Development. | ☒ Residential Complexes. |
| ☒ Civil Engineering Works. | ☒ Commercial Centres. |
| ☒ Building Construction. | ☒ Offices. |
| ☒ Architectural Finishes. | ☒ Refurbishment. |
| ☒ Procurement. | |



ELECTRO MECHANICAL WORKS

- ☒ Mechanical & Piping.
- ☒ Structural Fabrication.
- ☒ Structural Steel Erection.
- ☒ Steel Fabrication.
- ☒ Electrical & Instrumentation.
- ☒ Maintenance Of Industrial Plants Development.



CONSTRUCTION

- ☒ Pre-construction Planning.
- ☒ Value Engineering Studies.
- ☒ Life Cycle Cost Studies Milestones & Cpm Schedule Development.
- ☒ Contract Administration Schedule And Phasing Management.
- ☒ Contract Award.
- ☒ Project Reporting.
- ☒ Commissioning & Start-up Single Source Design Construct Management.





PREFABRICATED BUILDING SPECIFICATION

Section 1: Design Loads

Design Loads: (Refer to Section 2 'Applicable Codes' of this offer).		
1	Design Live Load on roof	80 kg/m ²
2	Ground Floor Live Load	250 kg/m ²
3	Dead Load	150 kg/m ²
4	Wind Speed	140 km/h

Section 2: Applicable Codes

A- Industry Standards and Codes.

American Standards for Testing and Materials (ASTM)
 American Iron & Steel Institute (AISI)
 International Building Code (IBC)
 International Plumbing Code
 National Electric Safety Code (NESC)
 NFPA 13 Fire Fighting Code
 NFPA 72 National Fire Alarm Code

B- Applicable Software.

Frame Cad Pro Design.
 Frame Cad Detailer.
 Prokon Design and Analysis.
 Safe 12 Design and Analysis

C- Frame Cad Codes for Structure

D- Welding Code:

AWS D1.1

Section 3: Skid Framing

Skid steel framings will be cleaned and painted with two coats of grey alkyd paint.

Section 4: General Material Specifications

o.	PARAMETERS	BUILDING SPECIFICATIONS
1.0	FOUNDATION	
1.1	Steel Legs	- Individual building units are fit with 300mm legs cut into IPE AA 120mm I-beams. Steel legs are painted with Two coats of Grey Oxide (alkyd based) paint to protect against rust.
1.2	Concrete Foundation	- Joint units rest on RAPCO's trapezoidal precast concrete blocks, 30 cm or 50cm high. The base dimension is 35cm x 30 cm and the top 22cm x 20cm.
2.0	BASE- CHASSIS	
2.1	Base Frame Structure	- The main supporting skids are IPE AA 120mm (for individual units) and 140mm (for joint units) I-section main beams along the perimeter length of the building and connected laterally with 120mm/140mm I-section cross member intermediate beams spaced according to the requirement of load distribution. - Two lifting holes 80 mm dia. are provided on the longitudinal sides of the building unit. - All structural steel is painted with Two coats of Grey Oxide (alkyd based) paint to protect against rust.
3.0	FLOOR DECK	
3.1	Structure Joists and Studs	- The floor joists structure are high tensile Galvanized Steel C-profile, cold rolled, 89mm x 41mm. Thickness and spacing as per the structural calculations (live load, dead load) and floor level (ground, first). frames set in place in the chassis to form one integral frame
3.2	Flooring	- Fiber cement board 18mm nominal thick, single layer, resistant to fire, water, rot and fungus and securely fastened to the underneath steel structure.
3.3	Floor Finish	<i>Dry area floor finishing:</i> - Vinyl tiles (PVC) 300mm x 300mm x 1.6mm thick in. Color as per RAPCO available stock. - Commercial carpet roll 4mm thick. Color as per RAPCO available stock. - Commercial carpet roll (Mehrab design) for Mosque units. Color as per RAPCO available stock. <i>Wet area floor finishing:</i> - Vinyl roll of 1.6mm thick. Color as per RAPCO available stock.
4.0	EXTERNAL WALLS	

4.1	Structure	- Walls shall be constructed of high tensile Galvanized Steel C-profile, cold rolled, 89mm x 41mm C studs, braces and runners. Thickness and spacing as per frame cad design. - All openings for doors, windows and air-conditioners are framed and reinforced.
4.2	Exterior Wall Cladding & Finish	- 29 gauge pre-painted low rib embossed metal sheet white color firmly fixed to 6mm cement boards, both securely fastened to the steel structure. - All trims are matching with the exterior cladding color.
4.3	Exterior Wall Insulation	- Blanket fiberglass, 100 mm thick with aluminum foil. - Vapor barrier, 10 kg/m³ density, - Thermal resistance 2.27 m² k/w, placed in between studs.
4.4	Wall Finish (Interior)	- Interior walls in dry areas shall be cladded with 16mm thick fire rated beveled edge gypsum board finished with water – based paint. - Wet areas and private toilets' finishes: 12.50 mm fire & moisture resistant gypsum board topped by 4mm water resistant, non-toxic and chemical resistant PVC foam board.
4.5	Bottom Skirting	- 29-gauge pre-painted low rib embossed metal sheet, white color or same material as external cladding, installed around the building perimeter to cover the open space between ground and bottom of building. - Removable expandable sheet panels, 600 x 400 mm, for maintenance and ventilation.
5.0	INTERNAL WALLS	
5.1	Structure	- Walls shall be constructed of high tensile Galvanized Steel C-profile, cold rolled, studs, braces and runners .Stud spacing 610mm center-to-center. Sectional dimensions 89 x 41 x 0.75mm for load bearing walls, and 63 x 41 x 0.75mm for non-loading bearing walls. Walls extend to the ceiling level. - All openings for doors, windows and air-conditioners are framed and reinforced.
5.2	Wall Finish	- Interior walls in dry areas shall be cladded with 16mm thick fire rated beveled edge gypsum board finished with water – based paint. - Wet areas and private toilets' finishes: 12.50 mm fire & moisture resistant gypsum board topped by 4mm water resistant, non-toxic and chemical resistant PVC foam board.
5.3	Common Toilets Partition	- Water resistant, 15mm thick non-toxic and chemical resistant PVC foam board.
6.0	ROOF / CEILING	

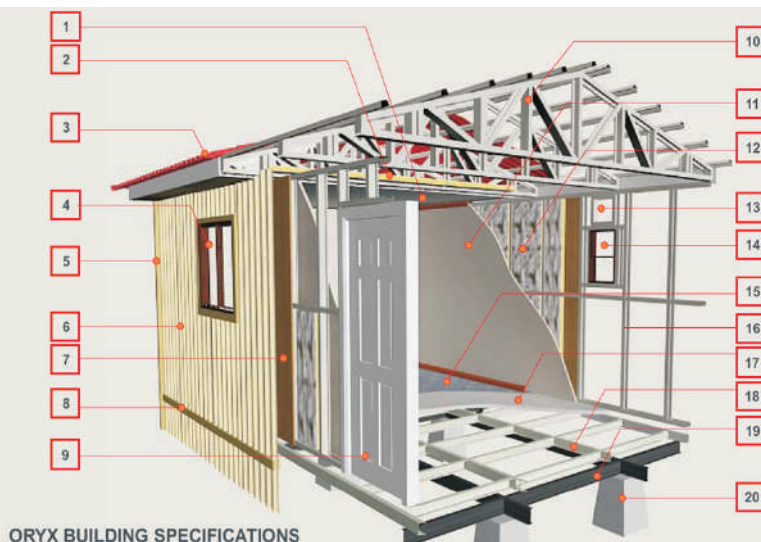
6.1	Roof Structure	- Trusses: high tensile Galvanized Steel C- profile members, cold rolled Galvanized steel C-profile. Width and thickness depending on truss structural calculations. Truss spacing not more than 1220mm center-to- center and in accordance with the walls' layout. - Purlins: Galvanized steel, keen profile (hat), 0.55-0.75 mm thick, spaced at a maximum of 1000mm center-to-center.
6.2	Roof Cladding	- 29-gauge pre-painted high rib corrugated metal sheet red color screwed to roof structure. - All external trims are blue color.
6.3	Ceiling Structure	- Painted steel tube profile ceiling rafters, 40 x 40 & 40 x 80 mm.
6.4	Ceiling Insulation	- Blanket fiberglass 100 mm thick with aluminum foil. - Vapor barrier, 10 kg/m³ density. - Thermal resistance 2.27 m²k/w.
6.5	Ceiling Finishing	- One layer of fire rated, beveled edge 12.5mm thick gypsum board, texture painted. - Clear ceiling height 2440mm.
7.0	EXTERNAL DOORS	
7.1	Single Doors	- 900 x 2100mm metal doors with aluminum frame and complete ironmongery. Emergency escapes are fit with panic device, view panel and door closer.
7.2	Double Doors	- 1800 x 2100mm metal doors with aluminum frame and complete ironmongery.
8.0	INTERNAL DOORS	
8.1	Room Doors (Including IT & Electrical rooms)	- 900 x 2100mm, solid core, with door leaf 30 minutes' fire rating with smoke seals and complete ironmongery with Aluminum powder coated white color door frames.
8.2	Private Toilets	- 600 x 2100 mm with under door cut and 40mm aluminum threshold and frame.
8.3	Common Toilets	- 900 x 2100mm with door louvers and 12.5mm aluminum threshold and frame. - Cubicle doors are 600 x 2100 x 15mm non-toxic and chemical resistant PVC foam board.
9.0	WINDOWS	

9.1	External Windows	Room Windows: - Size 1200 x 1000 mm, horizontal sliding, single glazing, with removable fly screen mesh (Kinro, US made or local), depending upon availability. - Aluminum frame mill finish. - Meet the egress requirements. - Externally sealed to prevent water leakage. Bathroom windows: - Size 400 x 600mm with frosted glass, vertically sliding. - Externally sealed to prevent water leakage.
10.0	ELECTRICAL	
10.1	Distribution Boards	- Each building block has one or more distribution panel boards (Alfanar) with main breakers, branch circuit breakers and 10% spare breakers capacity for future use. - RCBO breakers are used for wet areas. - Conductors are copper, 600 volts insulation, installed in PVC conduits. - All circuits have a ground conductor installed.
10.2	Interior lights	- Energy saving 2x18 watts bulbs globe lights fixtures for accommodation rooms. Commercial brand. - Rapid start fluorescent fittings 2x40 watts, with diffuser (surface mounted) elsewhere. - LED Exit signs at each exit with 1½ hour battery backup. - Self-powered Emergency lights are strategically placed in common areas where directional safety for visibility that most likely will occur in the event of an emergency. Design as per RAPCO drawing. (Wall mounted). - Water proof dome lights fixture in bathrooms. Commercial brand.
10.3	Exterior Lights	- A weather proof light fixture, with 60w bulb, at each entrance and exit doors
10.4	Building wires	- Building wires types THHN / THWN. - 600 Volts plain copper conductor with PVC insulation and Nylon jacket. - Meets UL (VW-1) flame test requirement. - Meets UL standards. - Oil and gasoline resistant.
10.5	Sockets & Switches	- Wall mounted Switches/ sockets are BS type complying with NEC Standards. - Duplex receptacle outlets 220V, BS type. 110V provided upon request.
10.6	Exhaust fans	- Wall mounted exhaust fan TAT brand shall be provided in bathroom & kitchen as per RAPCO design drawing.
10.7	Water Heaters	- Adequate size & quantities water heater shall be provided, location is as per RAPCO design drawing.

11.0	PLUMBING & SANITARY	
11.1	Plumbing	- All cold water supply lines are PVC pipe schedule 80. - All hot water supply lines are CPVC pipe schedule 80. - The piping systems include all fittings, valves, accessories, brackets and supports. - All piping is hidden. - waste and vent piping is made of PVC pipe class 3, above and below flooring installed and tested, complete with all fittings, supports and accessories. - A cleanout is provided at one end of the main sewage line. - A vent cowl 50 mm dia. (2") PVC pipe is installed on the open end of the vent pipe. - Floor drain (FD), plastic, trapped type with a cleanout access in all wet areas floors.
11.2	Wash Basin	- Vitreous china ceramic lavatories, pedestal type for private toilets. (Sana-Saudi Ceramic). - Counter -top type for public toilets. The counter top is an 18mm thick non-staining, waterproof, smooth finish, artificial marble with integral back splash. - Mirrors atop lavatories or along counter-tops.
11.3	W/C (Western)	- Vitreous china ceramic water closets, floor mounted, elongated bowl, with siphon jet action and top supply spud. - Each toilet is provided with one water shutoff spray, one toilet paper holder and one towel holder (for private toilets).
11.4	W/C (Eastern)	- Asian water closet (Alwadi-100, Saudi Ceramic) with flush tank. - Each toilet is provided with one water shutoff spray, one toilet paper holder and one towel holder (for private toilets).
11.5	Shower Unit	- Enclosed within water resistant walls and including one fiber glass shower tray (90 x 90cm), one shower head, one shower mixer, one curtain rod, one shower curtain and one robe hook.
12.0	SAFETY	
12.1	Fire Extinguishers	- 6 kg. ABC powder/ CO₂ at public areas entrances and group of each bedrooms.
12.2	Smoke Detectors	- Smoke detectors alarms, battery operated, in all rooms.
13.0	STANDARD ITEMS	
13.1	Internal Skirting	- PVC Skirting shall be fixed internally (bottom, top & corners), color as per available stock.
14.0	GENERAL	- Due to the regular introduction of new technology and materials, we reserve the right to improve our specifications as and when required to meet our company policies, where specific brands or price rates have not been mentioned RAPCO standards quality materials will be used.

ORYX (PREFABRICATED SYSTEM) ADVANCED TECHNOLOGY & TOTAL FIRE RATED

- ✓ Ceiling Fire Rated Gypsum Board Sheet 12.5 mm thk.
- ✓ Ceiling Insulation 100mm thk. Fibreglass.
- ✓ Roof G.a. 29 Pre-Painted Metal Corrugated Sheet (Pre-Painted Metal Tile Imitation Optional).
- ✓ Window-W1 1200 x 1000 mm Aluminium Sliding.
- ✓ External Skirting Gauge 29 Pre-Painted Metal Profile.
- ✓ External Cladding G.a 29 Pre-Painted Low-Rib Embossed Metal Sheet (Cement Strip Lap siding Optional).
- ✓ Under Sheathing 6mm Plywood Sheets.
- ✓ External Skirting Gauge 29 Pre-Painted Metal Profile.
- ✓ External Door 900 x 2100 mm Metal Door w/ Aluminium Frame.
- ✓ Truss Assembly 89 x 41 x 11 mm G.I.
- ✓ Internal wall finish 16 mm thk. Fire Rated Gypsum Board.
- ✓ Wall Insulation 100 mm thk. Fibreglass.
- ✓ Exhaust Fan Hole.
- ✓ Window-W2 400 x 600 mm Aluminium Sliding.
- ✓ Carpet Flooring 5 mm Regular Commercial Carpet.
- ✓ Wall Stud 89 x 41 x 11 G.I.
- ✓ Floor 18 mm thk. Cement Board.
- ✓ Floor Joist 89 x 41 x 11 mm G.I.
- ✓ Chassis 140 x 73 x 3.8 mm IPEAA-Beam.
- ✓ Concrete Foundation or Legs.



RAPCO PREFABRICATED BUILDINGS



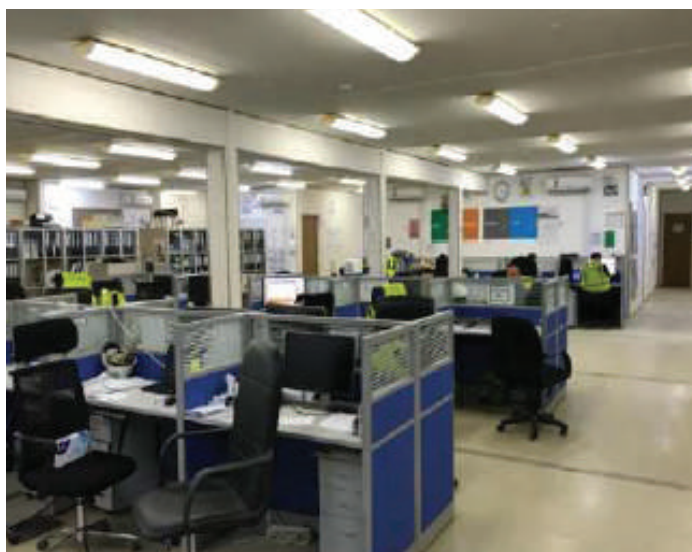
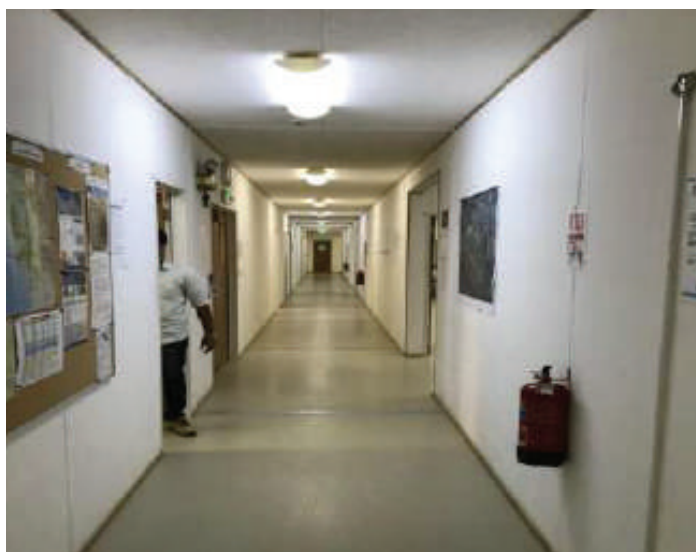
RAPCO PREFABRICATED BUILDINGS



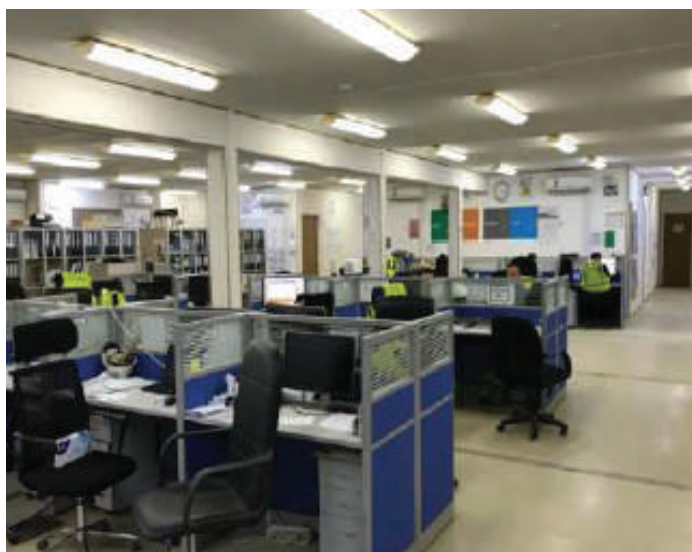
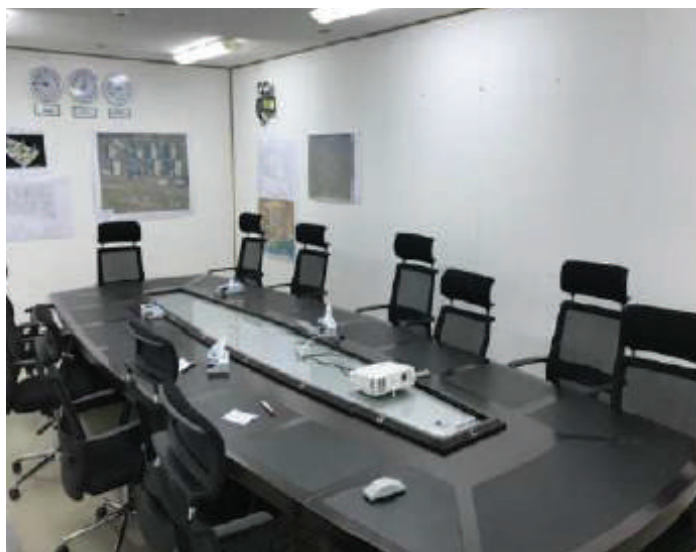
RAPCO PREFABRICATED BUILDINGS



RAPCO PREFABRICATED BUILDINGS



RAPCO PREFABRICATED BUILDINGS



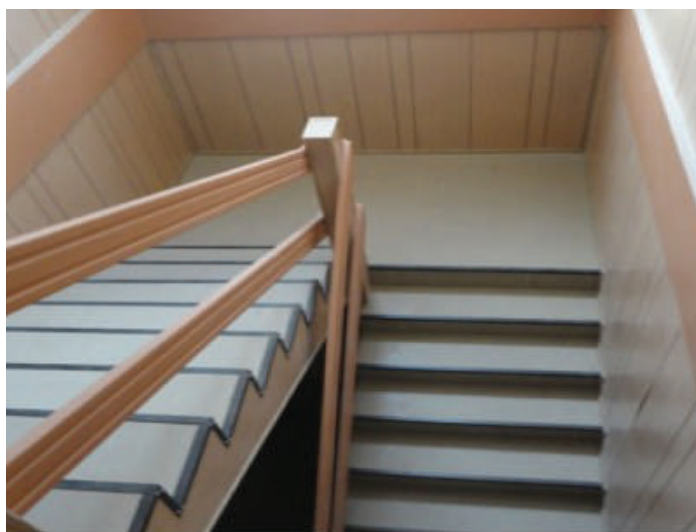
RAPCO PREFABRICATED BUILDINGS



RAPCO PREFABRICATED BUILDINGS



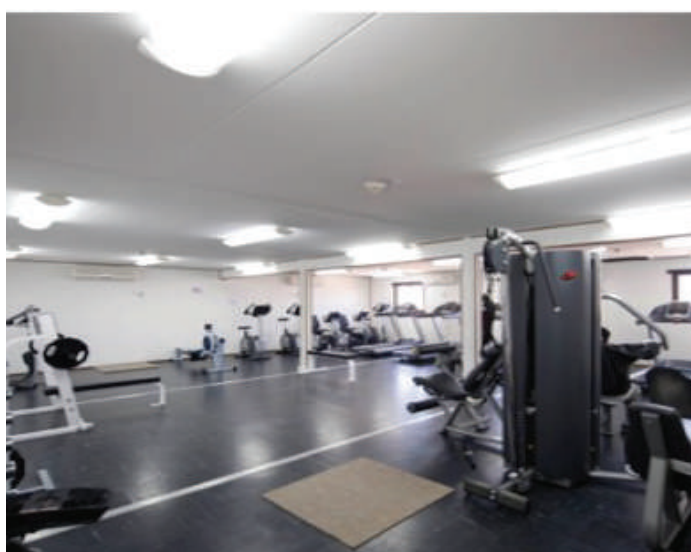
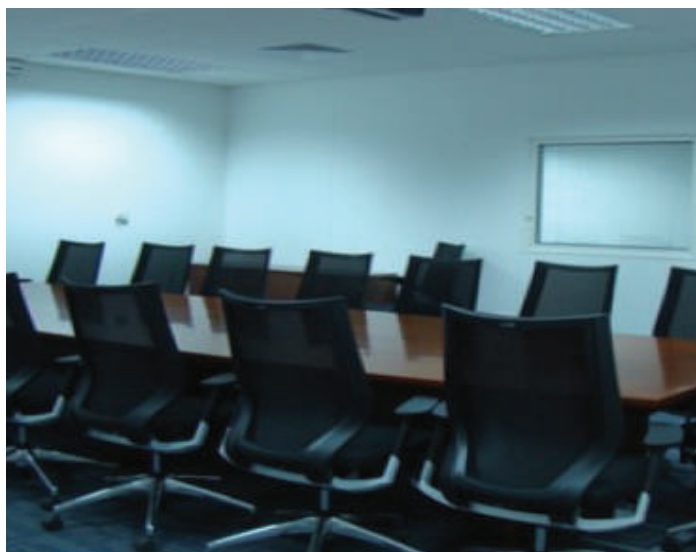
RAPCO PREFABRICATED BUILDINGS



RAPCO PREFABRICATED BUILDINGS



RAPCO PREFABRICATED BUILDINGS



RAPCO CAPABILITIES – INDUSTRIAL SECURITY SYSTEM & SERVICES

We have developed expertise in integrated security system Projects providing end to end solution:

- ❖ Project Management
- ❖ Design
- ❖ Supply
- ❖ Installation
- ❖ Testing commissioning and training
- We propose a fully integrated security system including all necessary network and interfaces in accordance with the Saudi High Commission for Industrial Security (HCIS) regulations and international standards.
- Our solutions are a comprehensive turn-key security solution addressing all Customers Project's requirements and needs.
- Intrusion detection and Assessment System (IDAS): LRDAS Long Range Assessment Detection System, Fiber, Microwave, Infra-red, Radar, Sonar, Motion Detection
- Video Surveillance System (VSS): Fixed Camera, PTZ Camera, Thermal Camera, NVR, VMS, Video analytics
- Security Access Control System (SACS): PRS, Card Readers, Biometric Readers, Face Recognition, RFID, Turnstiles, Road Blocker, Push Buttons, and Glass Break
- Identification Management System (IDMS): Badging system
- Gate House Security: Road Blocker, Bollards, Drop Gates, Turnstiles, Automatic Sliding Gates, tire killers, slow bumps
- Scanning Equipment: Under Vehicle Scanning System, X-Ray, Explosive Detectors, Archway metal detector
- Security Control Room (SCC): Security Console, Video walls, Work stations, Servers
- Control & Command Center, Fire Alarm System, Fire Fighting System

360° SECURITY & SURVEILLANCE SOLUTIONS

Consultancy, Designing, Planning, Supply, Installation, Project Management, Warranty and Maintenance Services

RAPCO' has been grown from providing simple business to meet the challenges of the fast growing in Saudi markets demands in the field Electronics & Security Systems Integrators, by supply and Configurations. We combine the industry's best Security and Low Current Systems with connectivity products. With our high experience and dynamic teams of engineers and Sales expert, we proceed with our philosophy of providing the best technically solutions and satisfactory support with Cost-competitive to meet all customers' requirements.

Our goal is to place at our client's disposal all of our years of experience and technical expertise for the implementation and completion of any project that we undertake. We strive to maintain our reputation as the number ONE provider of Custom Security Systems, from commercial and residential integrated systems to turnkey industrial applications.

When you select a security or communication system from RAPCO, you'll have the best of sales and service professionals behind you. From initial consultation, to planning and installation, to service and training, you can always find the help you need from us. Customer service and support has always been the number ONE priority in our organization. We understand the need for quick response to customer calls, providing 24 hour support and the best solutions available to ensure our customer's peace of mind.

At RAPCO, we excel as a Team committed to exceeding our client's expectations. We draw upon the accumulated experience of decades in completing the most prestigious projects and we are backed by the best brands in the business. Our reliability as a supplier and as a turn-key contractor, providing engineering, installation, commissioning and after-sale support from under one roof, earns us the continued confidence of our clients.

Security System

- CCTV Systems
- Burglar Alarms
- Anti-Shop Lifting Systems
- Access Controls Systems
- Hotel Card Solutions

Telecom Solutions

- PABX Communication
- Telecom Towers & Telecom Accessories Fabrication
- Telecom's Microwave Sectors and Antenna Equipment
- Indoor GSM Repeater communication Network
- Wireless Communications





IT & Network Solutions

- Implement of Data center and computer control Room
- Enterprise Networks design and implementation Network management
- IP Telephony Solution
- Structured Cabling
- LANs / WANs Integration
- Wireless Communications

Network & Data Centre Solution

We help design and deploy rugged point-to-point, point-to-multipoint, and WI-FI networks. RAPCO's combination of carrier class IP experience, wireless networking skills, and security expertise brings highly reliable and secure wireless communication solutions to their clients.

Indoor Wireless includes the following features:

- Highly secured Standards based and managed wireless LAN links end-user desktops and notebooks to the core IT network.
- Open standards allowing integration with existing and upcoming IT resources and covering large areas securely.
- Provides built-in or multiple management applications and interfaces for administering in small sites.

Outdoor Wireless comes with the following features:

- Point-to-point & point-to-multipoint broadband wireless connectivity
- Data transfer rates of up to 100 Mbps.
- Data Applications
- Video Applications



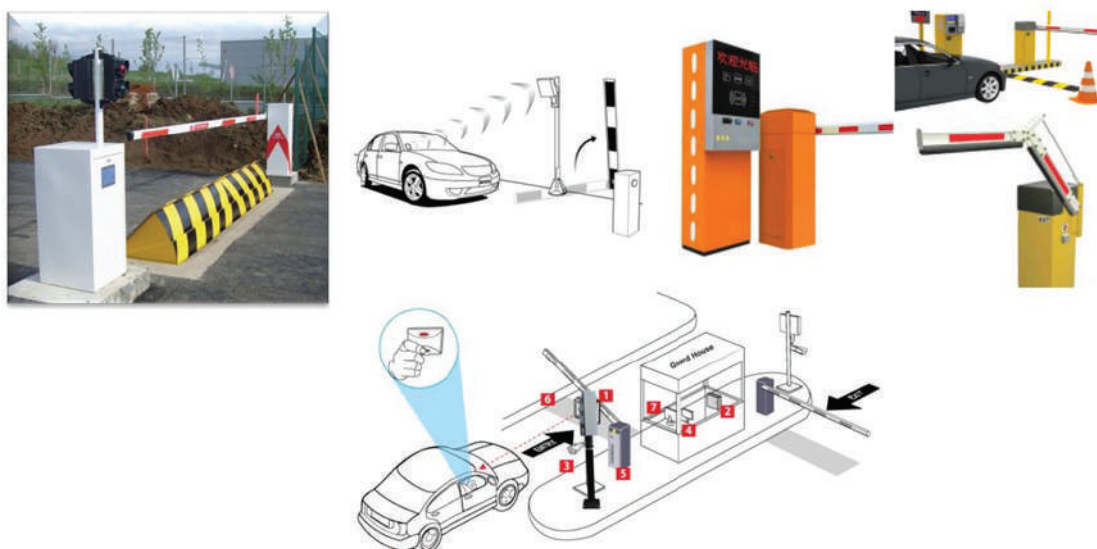
- **360° SECURITY & SURVEILLANCE SOLUTIONS.**
- **ACCESS CONTROL**
- **DESIGNING, ENGINEERING, CONSTRUCTION, PLANNING, SUPPLY,**
- **CCTV INSTALLATION PROJECTS**
- **IP CAMERA INSTALLATIONS**
- **THERMAL CAMERA INSTALLATIONS**
- **MANAGEMENT, AND MAINTENANCE SERVICES SOLUTIONS,**
- **MAINTENANCE SERVICES**



BIOMETRIC DOOR ACCESS CONTROL SYSTEMS



VEHICLE ACCESS CONTROL SYSTEMS



CCTV SYSTEM



HD CCTV



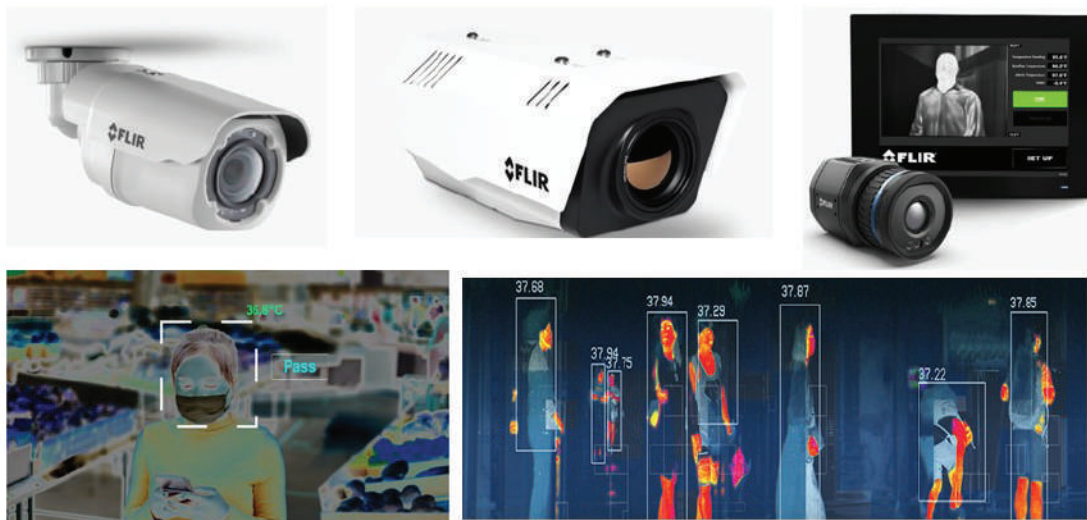
4k-CCTV

IP CAMERA-SYSTEMS

IP CAMERA SURVEILLANCE SYSTEMS FOR BUSINESS, SCHOOLS, HOSPITALS, AND OTHER ORGANIZATIONS



THERMAL IMAGING CAMERA-SYSTEMS



CRITICAL INFRASTRUCTURE SECURITY



TRANSPORTATION



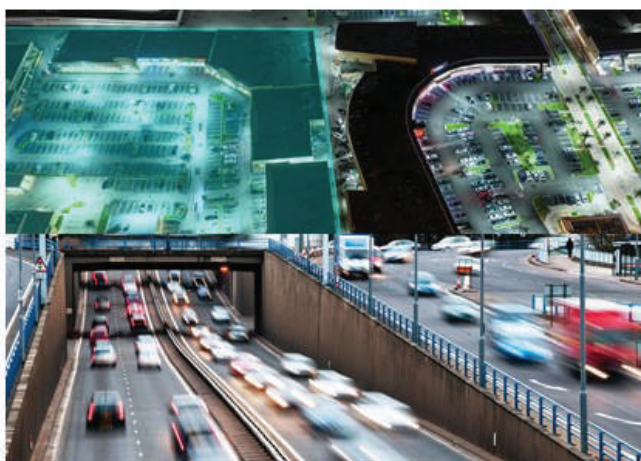
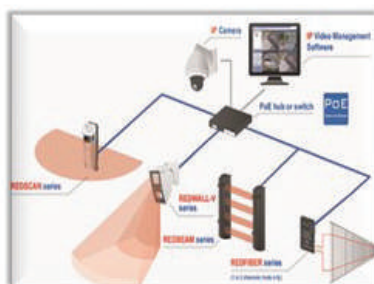
UTILITIES



OIL AND GAS



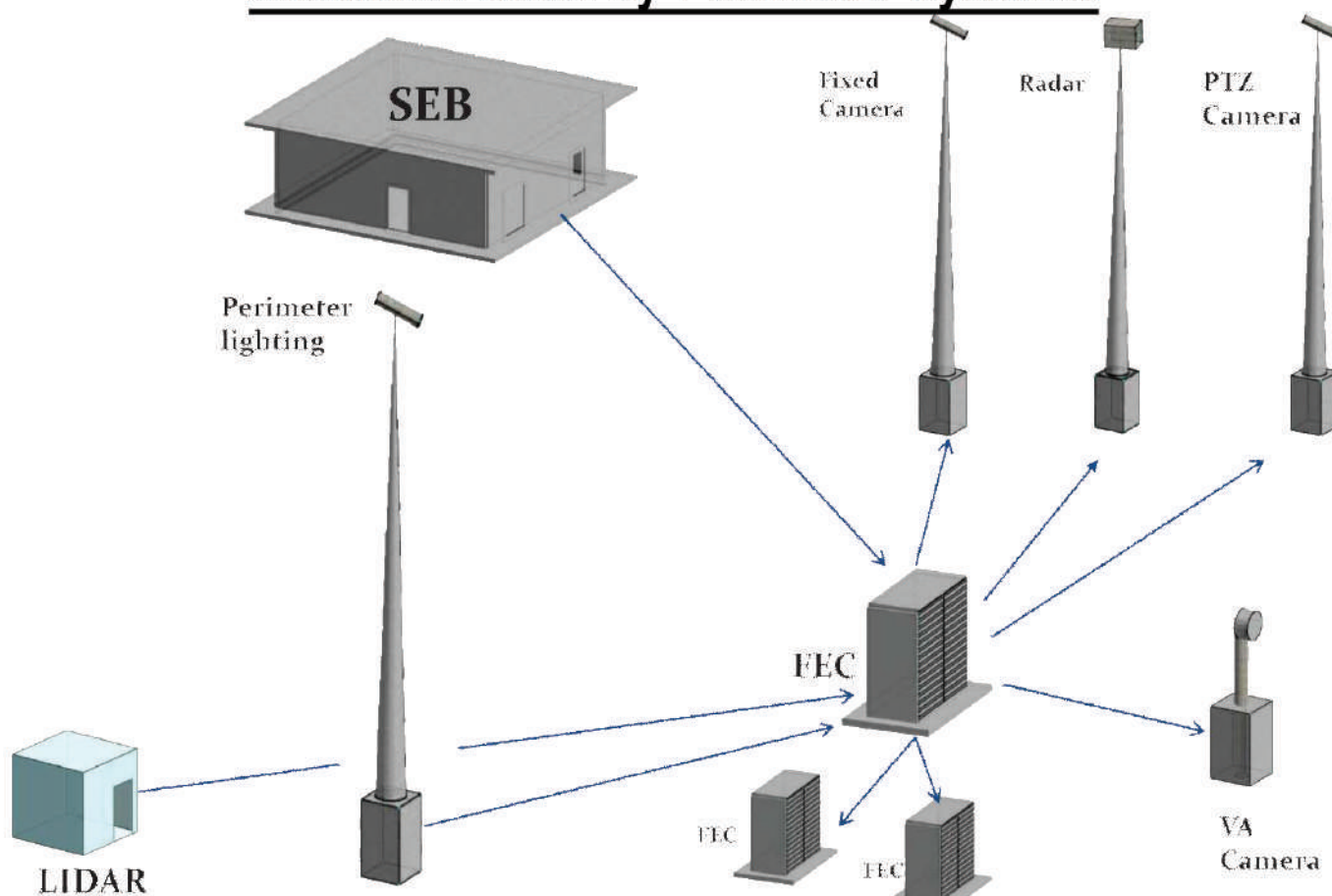
FACILITIES



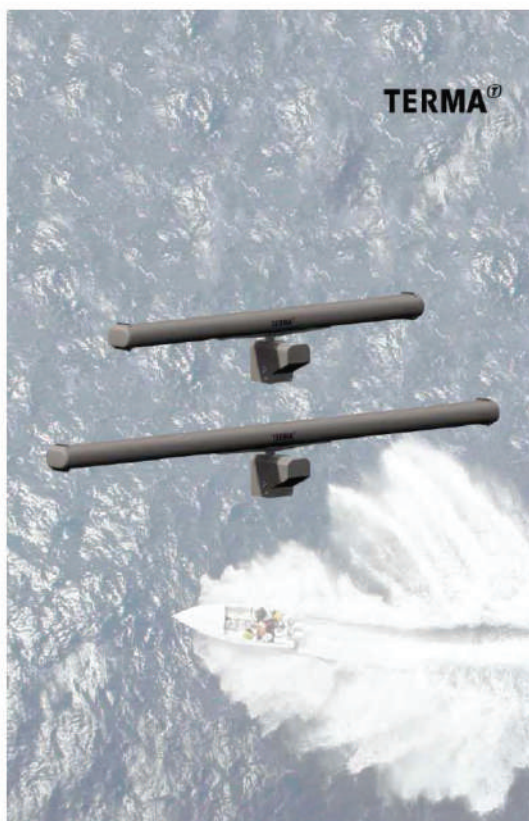
IDAS (INTRUSION DETECTION AND ASSESSMENT SYSTEM)



Industrial Security Perimeter Systems



Radar and Long Range Camera





Readers and Controllers



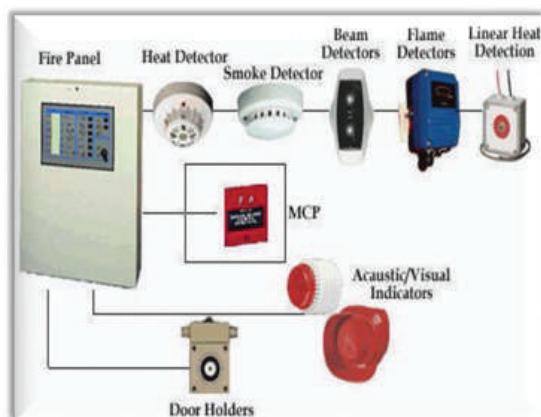
Biometric Time Attendance



Proximity Card



FIRE ALARM & DETECTION SOLUTIONS



NITTAN
WWW.NITTAN.CO.UK

KASO
SECURITY - 24 HOURS A DAY

3DX-RAY
X-Ray for Security

SIEMENS

Honeywell

saia-burgess

NAVORI
DIGITAL SIGNAGE SOFTWARE

Streetlight.vision

FLIR
SYSTEMS

Schneider
Electric

ReLab
SOFTWARE

HIKVISION

SAMSUNG

AXIS
COMMUNICATIONS

uniview
HD VIDEO SOLUTIONS

VIVOTEK

RAPCO GAS STATION CONSTRUCTION & PETROLEUM SERVICES

RAPCO is the best EPC General Contractor in KSA. The important criteria include history of work, customer satisfaction, awards and recognition, background of the principals, quality of work, safety, clientele, and online presence.

Our Mission is to utilize our wide experience to build, supply Petrol & Diesel to each entities of every corner of KSA. We offer our clients high quality services and value added services in the fields of petroleum engineering. Our core strength is derived from the expertise of the work-force and the use of technology at its best.



AN INTEGRATED ENGINEERING, PROCUREMENT, CONSTRUCTION MAINTENANCE SERVICES PROVIDER FOR ELECTRICAL & INSTRUMENTATION (E&I):

- ✓ RAPCO has the experience and resources required to meet today's sophisticated installation.
- ✓ needs. Our commitment to keeping up-to-date on the most recent technological advances helps.
- ✓ us provide rapid and efficient solutions to all types of lighting, power, instrumentation, high voltage.
- ✓ Our comprehensive range of services and solutions include.
- ✓ Construction, Maintenance, & Retrofits - System Installations - Inspections and Testing.
- ✓ Calibrations - Trouble Shooting - Commissioning & Start-Up



RAPCO GAS STATION CONSTRUCTION & PETROLEUM SERVICES

- ✓ RAPCO owned O&M contractor in the region. It brings its technical expertise, process, systems, and managerial staff to compliment, well-established supply chain in Saudi Arabia as well as its in-country experience in recruiting, training and retaining staff to maximize the Saudi talents in this segment of commercial endeavor without compromising on quality of service.
- ✓ RAPCO is highly capable of providing safe and reliable execution of all aspects of the operation and maintenance of large scale Civil, Electromechanical, Plant, Power Generation and Water facilities including.
- ✓ Engineering review and construction supervision services.
- ✓ Initial mobilization and project commissioning.
- ✓ Long term operations and maintenance.
- ✓ Staffing services.
- ✓ Technical support services including development of plant specific Standard Operating and Maintenance procedures.
- ✓ Major overhaul of boilers, turbines, multistage flashing and reverse osmosis equipment.
- ✓ RAPCO can provide instant basis the management, technical knowledge, operations and maintenance personnel and plant equipment and tools required to operate and maintain any type of facility in Kingdom with full confidence.
- ✓ At RAPCO, we rigorously apply the policy of safety FIRST and continually train all staff on safety. We ensure that annual safety inspections and certification and all associated safety systems and equipment are made.



ELECTRICAL CAPABILITIES

RAPCO provides full spectrum of electrical services required by multinational companies in the Petroleum, Petrochemical and Oil and Gas (Onshore and Offshore) industries.

Our large and global pool of skilled craftsmen and specialists combine their skills to deliver the complete suite of electrical construction and installation works.



ELECTRICAL SERVICES

- ✓ Earthing and Lightning Protection System.
- ✓ Lighting System & Heat Tracing System.
- ✓ Electrical Sub-station (up to 66KV) and Motor Control Center
- ✓ HV & LV Cable Installation and Termination
- ✓ Power Transformer Installation (up to 66KV).
- ✓ Uninterruptible Power Supply and Emergency Standby Support System.
- ✓ MV Motor Installation (11KV, 2750KW).
- ✓ RMU, Transformer, Generator, Switch Gear and Switchboard.
- ✓ Standby Diesel Generator & MV/LV Motor.
- ✓ Upgrade Lighting, Floodlight & Street Light to Energy Saver/LED.
- ✓ Cathodic Protection System Installation.

This includes regular scheduled maintenance or predictive and preventive maintenance to extend the life of your plant; turnaround and shutdown maintenance as required; and even daily and facilities maintenance.

INSTRUMENTATION CAPABILITIES

Our team of engineers specialize in delivering exceptional quality instrumentation works to a diverse clientele of multinational companies in the Petroleum, Petrochemical and Oil & Gas (Onshore & Offshore) industries.

We have earned the distinctive reputation of being a reliable and trustworthy partner in the industry with an excellent track record.

INSTRUMENTATION SERVICES

- ✓ Installation of Remote Instrument Enclosures.
- ✓ Metering Skids & Gas Detection Systems Installation.
- ✓ Installation of SCADA/PLC/DCS Systems.
- ✓ Telecommunication and Access Control Systems.
- ✓ Integration of Analyzers in Shelters.
- ✓ Process Control Field Instruments.
- ✓ Fire Alarm and Fire Control Installation.
- ✓ CCTV, PAGA and Intrusion Detection Systems.



TESTING & COMMISSIONING

- ✓ Transformer Testing
- ✓ Electrical Testing & Inspection
- ✓ Switchgear (HV & LV) and MCC Testing
- ✓ UPS System, Battery/ Charger Testing
- ✓ Field Instrument Testing& Inspection
- ✓ Process Loop Testing
- ✓ Testing& Commissioning of DCS, SCADA System
- ✓ Tank Gauging System



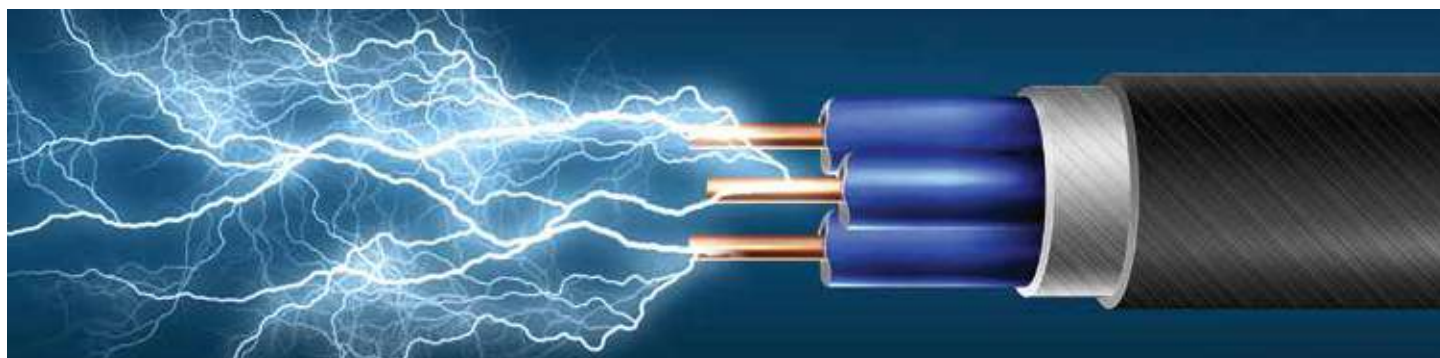
O&M - OUR CAPABILITIES AND EXPERTISE —

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- ✓ Cathodic Protection System Installation

This includes regular scheduled maintenance or predictive and preventive maintenance to extend the life of your plant, turnaround and shutdown maintenance as required; and even daily and facilities maintenance.

INSTRUMENTATION CAPABILITIES —

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INSTRUMENTATION CAPABILITIES

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- ✓ Integration of Analyzers in Shelters
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- ✓ Process Control Field Instruments
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- ✓ Transformer Testing
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- ✓ Process Loop Testing
- ✓ Testing & Commissioning of DCS, SCADA System
- ✓ Tank Gauging System



OUR PROJECT (Saudi Aramco GIS Project, Yanbu)



OUR PROJECT (Pre-commissioning of HVAC System)



Testing and Air Balancing



Load testing of Overhead Crane



Pre-commissioning of Power Panel



Pre-commissioning of FACP

OUR PROJECT (Saudi Aramco GIS Project)

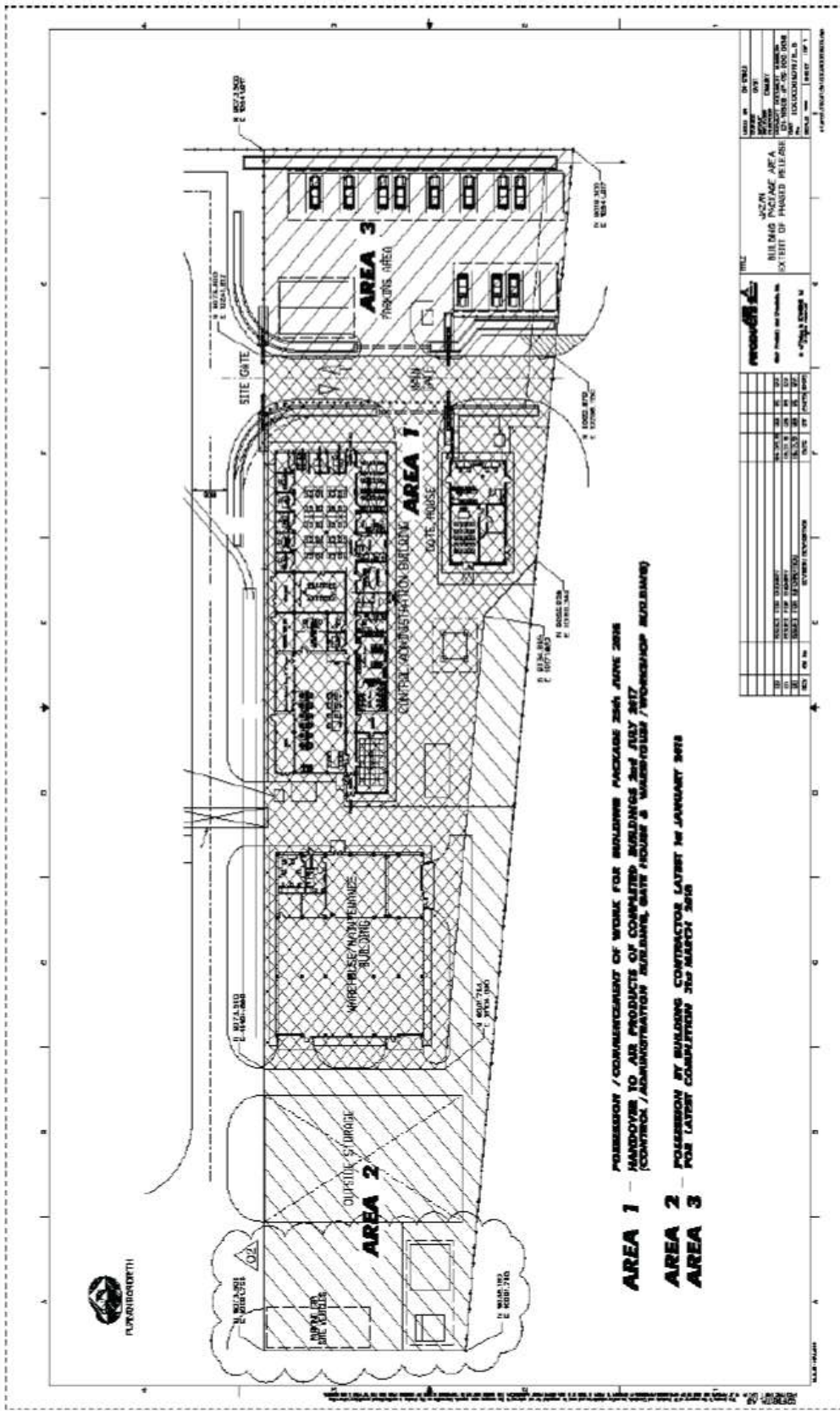


OUR PROJECT (Saudi Aramco GIS Project)



THE FOLLOWING BUILDINGS

(Amenities and Control Building), (Main Security/Guard Building), (Workshop and Store Building)



OUR PROJECT



Control & Admin. Building, Jazan IGCC



Warehouse & Workshop Building, Jazan IGCC

OUR PROJECT



Security & Guard House Building



Control Building Site Preparation, Jazan IGCC

OUR PROJECT



Control Building Site Preparation, Jazan IGCC



Control Building Road Paving, Jazan IGCC

OUR PROJECT (Sadara Project Jubail Saudi Arabia)



Data Centre Building, Sadara Jubail



Data Centre Building, Sadara Jubail

OUR PROJECT (Sadara Project Jubail Saudi Arabia)



Data Centre Building, Sadara Jubail



Data Centre Building, Sadara Jubail

OUR PROJECT (Sadara Project Jubail Saudi Arabia)



Data Centre Building, Sadara Jubail



Data Centre Building, Sadara Jubail

OUR PROJECT (Sadara Project Jubail Saudi Arabia)



OUR PROJECT (Sadara Project Jubail Saudi Arabia)



OUR PROJECT —



RAPCO GROUP EMPLOYEE SUMMARY

CATEGORY		NO OF EMPLOYEES
Project Management		19
GRO / PRO		14
Project Manager		11
Administrators		9
QA/QC, Safety		29

ENGINEERS		57
Civil Engineers		14
Architectural Engineers		10
Mechanical Engineers		12
Electrical Engineers		13
Instrumentation Engineers		8

FIELD SUPERVISORS		141
Civil, Land Surveyors		15
Building		18
Steel Structure, Scaffolding Inspectors		16
Piping		18
Piping		12
Tank		20
Erection & Installation		10
Painting & Insulation		17
Electrical		15

RAPCO GROUP EMPLOYEE SUMMARY

CIVIL & BUILDING		929
Foreman		20
Rigger		9
Insulation Worker		7
Administrators		8
QA/QC, Safety		14
Tinsmith		20
Painter		22
Rebar Worker		16
Rebar Worker		25
Bricklayer, Masons		18
Plasterer		11
Concrete Worker		21
Scaffolder		24
Tile Masons		22
Carpenter		88
Heavy Equipment Operators		73
Light & Heavy Drivers		64
Unskilled Labors		24
Helpers		398

OTHER CRAFTSMEN		
Pipe Welder		22
Plate Welder		15
Pipe Fitter		25
Iron Worker		11
Mechanic		10
Electrician		19
Instrument Worker		9
Calibrator		125
Skilled Labors		251

MAJOR CONSTRUCTION EQUIPMENT

Equipment	Capacity	Quantity	Details
Mobile Crane	300 Tons to 1000 Tons	3	Kobelco & Liebherrhau
Mobile Crane	100 Tons to 300 Tons	21	Tadano, Grohe, Kobelco
Mobile Crane	Upto 100 Tons	46	Tadano, XMG
Heavy Equipment Lifter	650 Tons & Over	3	Grove
Heavy Equipment Lifter	1,000 Tons	1	Grove
Tractor/Trailer	50 Tons & Over	13	Benz
Tractor/Trailer	20 Tons & Over	14	Volvo
Bulldozer	D8 & D9	9	Komatsu
Bulldozer	D6 & D7	5	Komatsu
Motor Grader	14G	12	Volvo, CAT
Excavator	PC 320 & PC 220	14	Kobelco
Rock Breaker	K 200	3	
Backhoe - JCB	CAT 428 C & CAT PC 220	18	Caterpillar
Wheel Loader	CAT 966D, 966F	13	Hitachi, CAT, Komatsu, JCB

Equipment	Capacity	Quantity	Details
Bobcat / Skid Loader		7	
Roller Compactor	5 Ton – 15 Ton	28	JCB
Dump Truck	16M ³	22	Benz
Dump Truck Trailer	25M ³ & 32M ³	13	Benz
Water Tanker	12,000 – 32,000 ltr	14	
Diesel Tanker	5,000 – 10,000 ltr	7	
Vacuum Tanker		19	
Fire Truck		2	
Truck	20 Ton & over	15	Benz, Volvo, Mitsubishi, Isuzu
Truck	10 Ton & Over	20	Benz, Volvo, Mitsubishi, Isuzu
Plate Compactor		10	
Concrete Ready Mix Truck		4	
Scraper	12M ³	2	
Forklift	3 Ton – 10 Ton	25	CAT, YALE, Mitsubishi

CERTIFICATE


SAMSUNG ENGINEERING

exceeding limits

SAMSUNG NAFFORA TECHNO VALLEY
P.O. Box 35816, Tareeq. 112/143, Jubail Industrial City, Jubail 31961, Kingdom of Saudi Arabia

Certificate of Alliance

This is to certify that

RAPCO Group

Is a Member of Subcontractor's Alliance for Samsung Engineering in Saudi Arabia for a period from 20/Sep/2012 to 19/Sep/2013
Presented on 20th day of September, 2012 at Jubail, Kingdom of Saudi Arabia

Certificate No. SSA-2012-036





B.B. Sohn
ByungBok Sohn
Chief Operating Officer










CERTIFICATE OF APPRECIATION

Presented to

RASHID AL-ABBAS & PARTNERS CO.(RAPCO)

In recognition of an Outstanding Performance and Appreciation of a conscientious effort in performing a job well done for the success of Ma'aden Steam Plant Project(Temporary and Civil work) in Ras Al Khair

Given this 22nd day of August 2012 at Samsung Steam Plant Site, Kingdom of Saudi Arabia.



Kwan Lim
Site Manager *[Signature]*

CERTIFICATE



CERTIFICATE



Certificate of Appreciation

This certificate is given to

RAPCO GROUPS: EPC CONSTRUCTORS

In Recognition of his Outstanding Performance as a

CIVIL WORKS
(ASPHALT ROADS, CULVERTS, PIPE RACK FOUNDATIONS)

Please accept Our Sincere Gratitude for your Great Efforts and Contribution in Success of **PETROKEMYA ABS PROJECT - SABIC**.

Antonio Lopez
(Site Manager)

(18th NOVEMBER, 2013)



Ignacio Rubio Baena
(Project Manager)

CERTIFICATE



CERTIFICATE



CERTIFICATE



CERTIFICATE



CERTIFICATE



CERTIFICATE



CERTIFICATE

المملكة العربية السعودية
وزارة الصحة
المديرية العامة للشؤون الصحية بالمنطقة الشرقية
مستشفى بقيق والمراكز الصحية

بسم الله الرحمن الرحيم

وزارة الصحة
Ministry of Health

شكر وتقدير

تتقدم إدارة المستشفى والمراكز الصحية بقطاع بقيق بالشكر والتقدير
لـ **شركة راشد صالح آل عباس وشريكة رابكو**
على الجهود المبذولة والمشاركة الفعالة والدعم اللامحدود في أعمال تطوير مستشفى بقيق العام
شاكرين ومقدرين حسن التعاون هتمنين لهم دوام التوفيق والنجاح

مدير المستشفى والمراكز الصحية بقطاع بقيق
أ/ مبارك بن علي العارني

الختم

المملكة العربية السعودية
وزارة الشؤون البلدية والقروية
تصنيف المصنفين

رقم ١٤٣٦٨

الرقم ١٢٣١٤
التاريخ ١٤٣٣/٠٣/٠٢
رقم الملف ١٦٤١١

شهادة تصنيف المقاولين

اسم المقاول : شركة راشد صالح آل عباس وشريكة
نوع الملكية : شركة تضامنية
رقم السجل التجاري : ٢٠٦٦٠٠١٧٧٤
العنوان : ص. ب. ٧٥٩ راس تنوره ٣١٩٤١
مجال التصنيف

المباني
اعمال المياه و الصرف الصحي
صيانة و تشغيل الاعمال الكهربائية
صيانة و تشغيل الاعمال الميكانيكية
نظافة المدن و التخلص من النفايات
صيانة الجدران والمنشآت
(مصنف في ستة مجالات فقط)

الدرجة
الرابعة
الخامسة
الخامسة
الخامسة
الخامسة
الخامسة

تاريخه : ١٤٣١/٠٦/٢٥
فاكس : ٠٣٦٦٨١٥٦٤
مجال التصنيف

الدرجة
الرابعة
الخامسة
الخامسة
الخامسة
الخامسة
الخامسة

مصدره : راس تنوره
هاتف : ٠٣٦٦٨١٥١٤

وكيل الوزارة لشؤون تصنيف المقاولين
م / عبدالله بن محمد المطيري

وزارة الشؤون البلدية والقروية
إدارة خدمات المقاولين
لوكالة تصنيف المقاولين

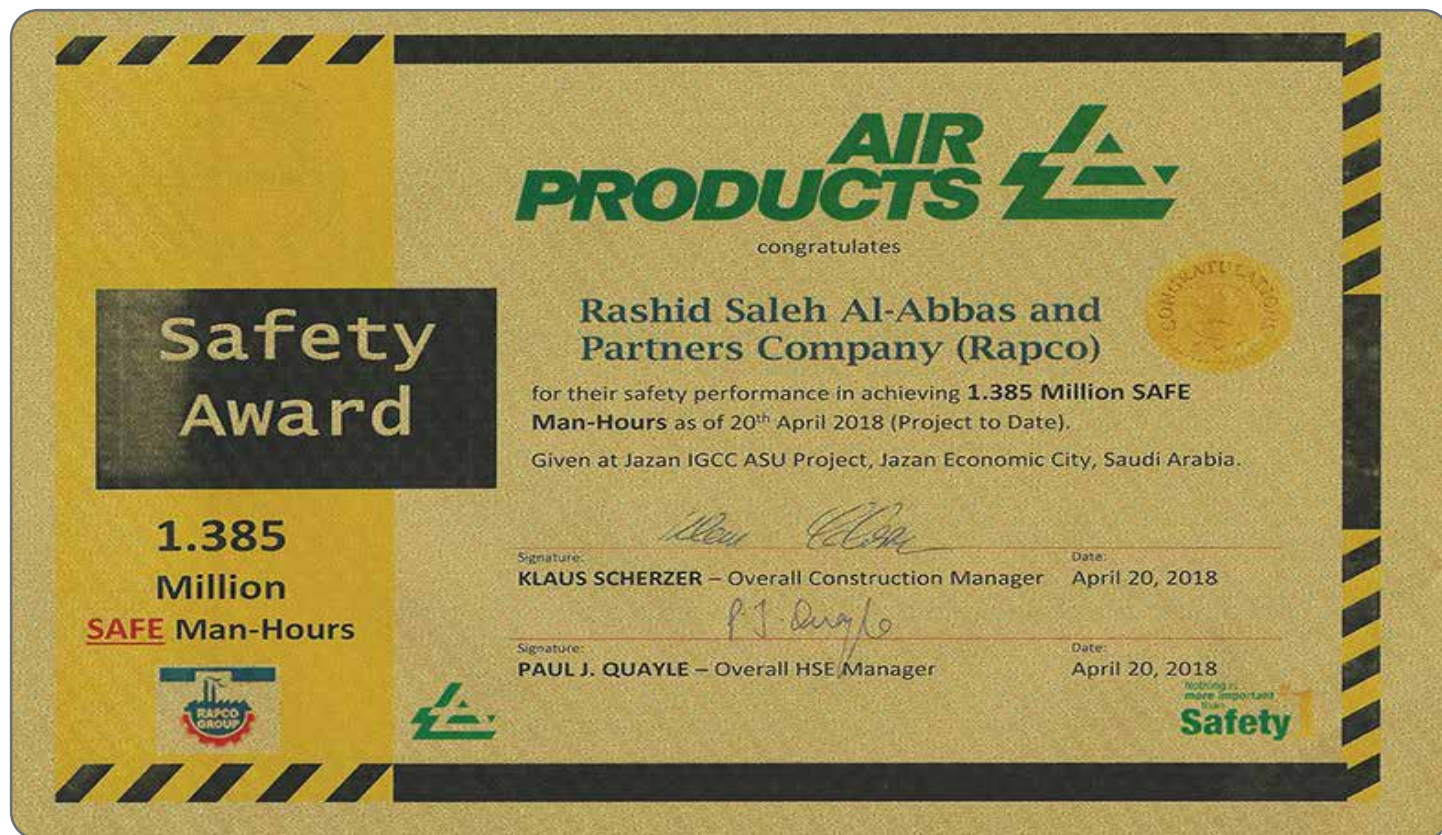
تنتهي صلاحية هذه الشهادة بتاريخ : ١٤٣٧/٠٣/٠٢ هـ

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

CERTIFICATE



CERTIFICATE



CERTIFICATE



Certificate of Appreciation

is hereby awarded to

RAPCO GROUP, GENERAL CONTRACTOR - EPC

In recognition of their safety efforts and commitment for successfully achieving

1, 000,000 MAN-HOURS WITHOUT LOST TIME INJURY

From March 1, 2008 to March 27, 2009

Benzene Mitigation & Spent Caustic Deep Oxidation Unit Project
Al Jubail Petrochemical Company (KEMYA)


WOLTER LINKER
Construction Manager
Lummus Alireza


TAREQ KAWASH
General Manager
Lummus Alireza


HANS HILKE
Project Manager
CB&I Lummus


RONNEL DIMAAPI
Safety Officer
Lummus Alireza


MOHAMMED AL-KHATHAMI
SABIC Project Manager


HESHAM K. AL-SUBAIT
KEMYA Project Manager


FERDINAND MAGALLANES
AYTB Project Manager



Certificate of Appreciation

Presented to

RAPCO GROUPS

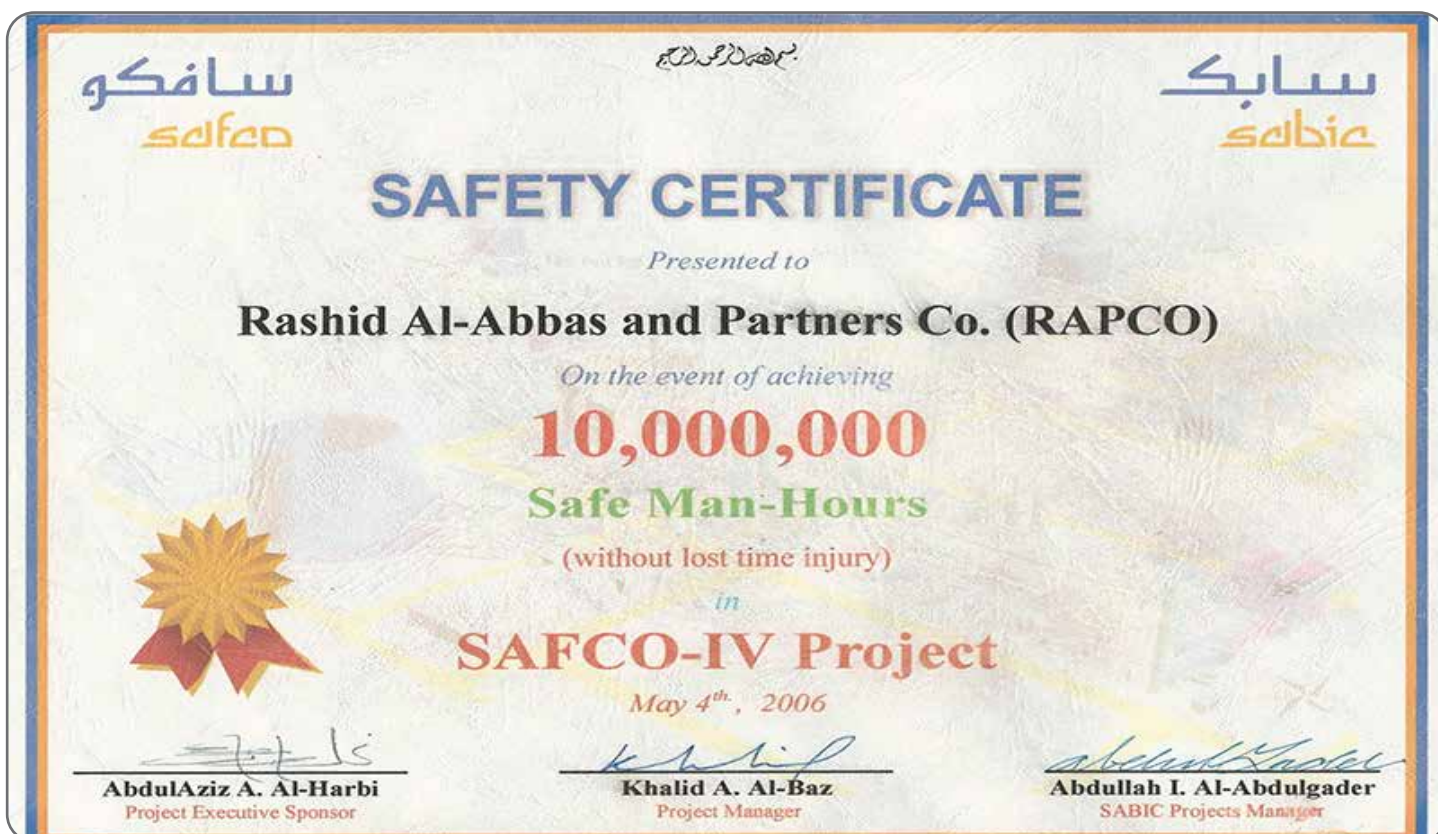
EPC Constructor – Trading, Contracting & Industrial Constructions

In recognition of their valuable contribution in achieving the Planned Completion target without a major incident for Saudi Aramco (OPD) Offshore Projects Department New Central Conference Room at Tanajib DPC-811.

Given this 11th day of November 2020 at Saudi Aramco, SAPMT Office Building, Tanajib, Kingdom of Saudi Arabia.


Aziz Gohar
Sr. Project Engineer
OPD – Hook-up/Tie-in Division

CERTIFICATE





المملكة العربية السعودية
وزارة الداخلية
الامن العام
الادارة العامة للمرور - ادارة مرور الشرقية
مرور محافظة الجبيل

شكر وتقدير

السادة / مجموعة رابكو

السلام عليكم ورحمة الله وبركاته
تقديراً لدعمكم ومساهماتكم
الدائمة لمرور محافظة الجبيل
نقدر لكم هذه الجهود
متمنين لكم دوام الصحة والعافية

مدير مرور محافظة الجبيل

عقيد /

عبد العزيز احمد الغامدي



CERTIFICATE

بسم الله الرحمن الرحيم

المتحدة
united

29 March 2008

CERTIFICATE OF APPRECIATION

This certificate has been issued to **RAPCO GROUP** for the completion of works done at UNITED EG2 Projects for demolition and removal of the Site Temporary Facilities at UNITED EG2 Project with credibility of workmanship and total quality control management as per UNITED/SABIC procedures.

M/s RAPCO Group has completed the job without any **Lost Time Accident**.

Best Regards.


HARITH AL-QURTASS
Manager
EG & LAO Maintenance Department

سابك
SABIC

A Sabic Company
إحدى شركات سابك

United
P. O. Box 10085
Jubail 31961
Kingdom of Saudi Arabia
Tel 966 (0) 3 359 5000
Fax 966 (0) 3 358 7752

Jubail United Petrochemical Company
Limited Liability Company
CR 2055004791
Authorized Capital
SR 2,495,620,000

شركة الجبيل المتحدة للبتروكيماويات
شركة ذات مسؤولية محدودة
سجل ٢٠٥٥٠٠٤٧٩١
رأس المال المصرح
٢,٤٩٥,٦٢٠,٠٠٠ ريال سعودي

المتحدة
صندوق بريد ١٠٠٨٥
الجبيل ٣١٩٦١
المملكة العربية السعودية
هاتف ٩٦٦ (٠) ٣ ٣٥٩ ٥٠٠٠
فاكس ٩٦٦ (٠) ٣ ٣٥٨ ٧٧٥٢

CERTIFICATE —

كيان السعودية
saudi kayan



PROVISIONAL COMPLETION CERTIFICATE

PROJECT :

SAUDI KAYAN PETROCHEMICAL COMPLEX-
HDPE FACILITIES

SITE TEMPORARY FACILITIES WORKS

This is to certify that the contractor RAPCO GROUP has completed the contract works of Contract No. A027-250-AGR-9100-002 of SK-HDPE Project Site Temporary Facilities Works by March 15th, 2008.

However, despite of the issuing of this Provisional Completion Certificate, It shall be understood that this Provisional Completion Certificate does not relieve the contractor from its warranty obligations and other responsibilities as per the contract specification after the mechanical completion.

The Warranty Period for the contractual works is March 15th, 2008 till March 15th, 2009.

For and on behalf of SAUDI Branch of HQCEC

Date:

May 21, 2008

CERTIFICATE



CERTIFICATE



CERTIFICATE



CERTIFICATE



CERTIFICATE



ISO 9001 : 2015 QUALITY MANAGEMENT SYSTEM CERTIFICATE



CERTIFICATE

*This is to Certify that the
Quality Management System
of*

RAPCO GROUP- RASHID SALEH AL ABBAS & PARTNERS CO.

Al Zafran Street, P.O. Box 759, Ras Tanura 31941 – Kingdom of Saudi Arabia

has been found to comply with

ISO 9001:2015

This certificate is applicable to the following scope:

EPC, Design, Engineering, Procurement and Construction of General Civil Works, Building Construction, Piping, HVAC, Electro-Mechanical Works, Construction of Temporary Facilities/Offices/Camp, Manufacturing of Prefabricated Metal Building and General Fabrication Works. Provision of Transportation Services, Cleaning Services, Infrastructure, Building Maintenance Services, IT & Telecommunication, Safety and Fire System, Trading of Electrical and Mechanical Equipment and Material

Certificate No :: I-QSC201907058

Date of Initial Registration	13, July, 2019
Date of this Certificate	15, June, 2020
Surveillance Audit on/Before	13, June, 2021
Certificate Expiry	12, July, 2021
Recertification Due	12, July, 2022



Karim

Authorized Signatory
BQC ASSESSMENT PRIVATE LIMITED
(formerly BQC Certifications)

BQC Certification is accredited by International Accreditation Services (IAS), United States of America wide MSCB Number 124. Accreditation details are available with IAS, (International Accreditation Service) Inc. USA, at www.iasonline.org. The validity of this certificate can be verified at www.bqccert.com or through info@bqccert.com. This certificate is the property of BQC Certifications and must be returned on request.

MANAGEMENT SYSTEM CERTIFICATE

ISO 14001 : 2015 ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE



CERTIFICATE

*This is to Certify that the
Environmental Management System
of*

RAPCO GROUP- RASHID SALEH AL ABBAS & PARTNERS CO.

Al Zafran Street, P.O. Box 759, Ras Tanura 31941 – Kingdom of Saudi Arabia

has been found to comply with

ISO 14001:2015

This certificate is applicable to the following scope:

EPC, Design, Engineering, Procurement and Construction of General Civil Works, Building Construction, Piping, HVAC, Electro-Mechanical Works, Construction of Temporary Facilities/Offices/Camp, Manufacturing of Prefabricated Metal Building and General Fabrication Works. Provision of Transportation Services, Cleaning Services, Infrastructure, Building Maintenance Services, IT & Telecommunication, Safety and Fire System, Trading of Electrical and Mechanical Equipment and Material

Certificate No :: I-ESC201907017

Date of Initial Registration	13, July, 2019
Date of this Certificate	15, June, 2020
Surveillance Audit on/Before	13, June, 2021
Certificate Expiry	12, July, 2021
Recertification Due	12, July, 2022



Kauslem
Authorized Signatory

BQC ASSESSMENT PRIVATE LIMITED
(formerly BQC Certifications)

BQC Certification is accredited by International Accreditation Services (IAS), United States of America wide MSCB Number 124. Accreditation details are available with IAS, (International Accreditation Service) Inc. USA, at www.iasonline.org. The validity of this certificate can be verified at www.bqccert.com or through info@bqccert.com. This certificate is the property of BQC Certifications and must be returned on request.

MANAGEMENT SYSTEM CERTIFICATE

ISO 45001 : 2018 OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM CERTIFICATE



CERTIFICATE

*This is to Certify that the
Occupational Health & Safety Management System
of*

RAPCO GROUP- RASHID SALEH AL ABBAS & PARTNERS CO.

Al Zafran Street, P.O. Box 759, Ras Tanura 31941 – Kingdom of Saudi Arabia

has been found to comply with

ISO 45001:2018

This certificate is applicable to the following scope:

EPC, Design, Engineering, Procurement and Construction of General Civil Works, Building Construction, Piping, HVAC, Electro-Mechanical Works, Construction of Temporary Facilities/Offices/Camp, Manufacturing of Prefabricated Metal Building and General Fabrication Works. Provision of Transportation Services, Cleaning Services, Infrastructure, Building Maintenance Services, IT & Telecommunication, Safety and Fire System, Trading of Electrical and Mechanical Equipment and Material

Certificate No :: I/OSC201907005

Date of Initial Registration	13, July, 2019
Date of this Certificate	15, June, 2020
Surveillance Audit on/Before	13, June, 2021
Certificate Expiry	12, July, 2021
Recertification Due	12, July, 2022



Karim
Authorized Signatory

BQC ASSESSMENT PRIVATE LIMITED
(formerly BQC Certifications)

BQC Certification is accredited by International Accreditation Services (IAS), United States of America wide MSCB Number 124. Accreditation details are available with IAS, (International Accreditation Service) Inc. USA, at www.iasonline.org. The validity of this certificate can be verified at www.bqccert.com or through info@bqccert.com. This certificate is the property of BQC Certifications and must be returned on request.

MANAGEMENT SYSTEM CERTIFICATE



Fayyaz Ahmad; General Manager - RAPCO GROUP

From: Enriquez, Jeffrey C <jeffrey.enriquez@aramco.com>
Sent: Sunday, January 24, 2016 8:50 AM
To: fayyaz.ahmad@rapcogroups.com; rapco.gm@gmail.com
Cc: GEORGE, DOUGLAS B; Churches, David K; Abdulkader, Abdulaziz K; Khamees, Ashraf A; Idrissi, Raed H; Ibrahim, Abdulrazzaq A; Dionisio, Deffin S
Subject: RAPCO Group Passed Aramco Safety Prequalification

Good Morning,

I am pleased to inform you that your company has successfully passed Saudi Aramco's Safety Prequalification for future contracts, following evaluation by Community Services Prequalification Evaluation Team (CS PET). Should you have communication with any other business lines, they can refer any queries regarding the prequalification to **Community Services AAS Safety Group**.

If any other Aramco business line requires details of prequalification, **you should save & show them this e-mail** as we do not issue certificates.

Your company will be added to Saudi Aramco's Consolidated List Of Companies that have passed Safety Prequalification.

Company Name: RAPCO Group
Vendor No. 10046445
Date: 21 January 2016 **Expires:** 21 January 2021

Safety Prequalification is valid for 5 years.

You will be officially added to the corporate list, subject to you:

- Downloading your updated Safety Manual & Training Program records onto a CD-ROM or USB and sending it to our office. (We will retain this as a back-up)
- Collecting your submission folder from our office.

Please set an appointment to collect your folder here in our office. Thank you.

Regards,

Jeff Enriquez
 Community Services Safety Group
 M280-C84, Al-Mujamma Bldg. #112F
 Dhahran, Kingdom of Saudi Arabia
 Office # 872-65-89

PIPELINES, DISTRIBUTION & TERMINAL PROJECTS DEPARTMENT
 YANBU TERMINAL PROJECTS DIVISION

Room-01, PMT Site Office RMT Yanbu
 Tel. (014) 397-3268

April 5, 2017

TRANSMITTAL

YTPD/T-02107-2017

Contract no. 6510733271(IK)
BI-10-00567

Rehabilitate Yanbu South Terminal
SCAR & PSI

To: Saleh Al Abbas, Managing Director
 Rashid S. Al-Abbas & Partners Co.
 Ras Tanura 3194
 Saudi Arabia

	INFO	REVIEW	APPROVAL	UPDATE	USE
☐ LETTER	☐	☐	☐	☐	☐
☐ FORMS	☐	☐	☐	☐	☐
☐ DRAWINGS	☐	☐	☐	☐	☐
☒ OTHERS:	☐	☒	☐	☐	☐

☒ **RESPONSE REQUIRED BY:** April 12, 2017

☐ **RESPONSE NOT REQUIRED**

ITEM NO.	Pages	DESCRIPTION
1	10	Evaluation Report for the Month of March 2017. Project Safety Index (PSI) / Safety Corrective Action Report) <i>For Contractor Action.</i>



Saudi Aramco Supplier Performance Evaluation

General Information			
Contract #	: 6510960565	Start Date	: 04/01/2020 End Date : 12/31/2020
RPO Number	: N/A		
Primary Supplier ID	: 10048445	Primary Supplier Name	: RASHID SALEH AL ABBAS AND PARTNERS
Sub Contractor ID	: N/A	Sub Contractor Name	: N/A
CPI Initiated Date	: 10/14/2020	Evaluation ID	: 0000000001
Total Score	: 94%	Remediation Plan Required	: No
Evaluation Sheet Detail			
Category	Actual Score	Category Performance	Remediation Plan
MANAGEMENT & ADMINISTRATION	Excellent	100.00 %	
PROJECT CONTROLS	Very Good	75.00 %	
HUMAN RESOURCES	Excellent	100.00 %	
EQUIPMENT & FACILITY	Excellent	100.00 %	
SAFETY	Excellent	100.00 %	
QUALITY	Excellent	100.00 %	
SUBCONTRACTING	Excellent	100.00 %	
MATERIAL PROCUREMENT	Excellent	100.00 %	
ENGINEERING & DESIGN	Excellent	100.00 %	
SAUDI MANPOWER	Very Good	75.00 %	

Evaluation Report

Department	Pipelines, Dist & Terminal Projects Dept	Division	Yanbu Terminal Projects Div
BI	10-00567-06	Project	Construction of GIS Building At AMT
Contract No.	6510733271	Contractor	Rashid Saleh Al-Abbas and Partner Company
Evaluator	MUFTAH0A	Date	March 2017
Man Power	15	Completion	99
PSI ID	145124	Job ID	000544

Traffic violation points: None Deficiency: None Evaluation Score: 97.5 % PSI Score: 97.5 %

1: PPE Usage (Behavioral)		100%
1.01	Head	Compliant
1.02	Ears	Not Applicable
1.03	Eyes	Compliant
1.04	Face	Compliant
1.05	Respiratory Protection	Not Applicable
1.06	Hands	Compliant
1.07	Body	Compliant
1.08	Feet	Compliant

CONTRACTOR NAME	RAPCO		
LOCATION	ASU, Baish Camp 5	Project Document No.	Rev. No.
		EN131528-AP-EH-R02-1136	00
DATE OF AUDIT	04-Feb-18	TIME OF AUDIT	08:00-18:00
CONTRACTOR REPRESENTATIVE	CHABAS, ADEEL, BABAR, KENNETH P.		
AP REPRESENTATIVE	HAPPI D. F.		

EXECUTIVE SUMMARY

Score

99%

BRIEF DESCRIPTION OF THE FINDINGS

A. Environmental Policy, Aspects, Impacts and Legal Obligations

RAPCO Environmental management including aspects was approved by the company. Contractor shall consider all these aspects, that apply to their work scope, in respect to the SA requirements, AP standards and Good International Industry Practices. All impacts as well as mitigations, control measures, related to the RAPCO scope, must be clearly implemented during the execution of their work scope for the control room building.

LEADING INDICATORS

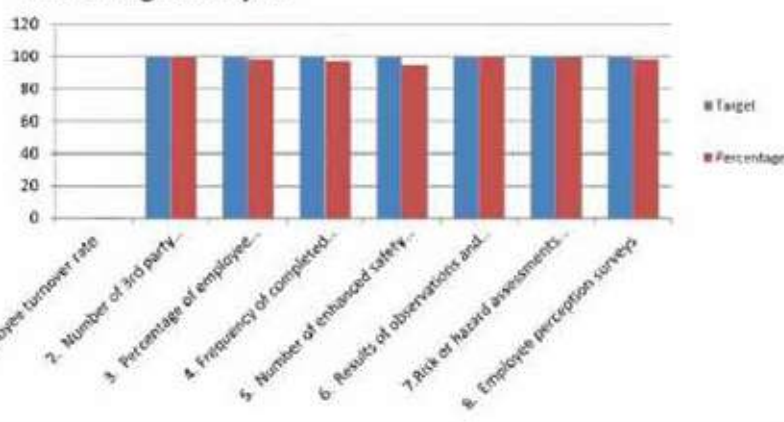
Duration 2017: Total Manpower Ending 2017 = 4,411

Total Manpower Beginning 2017 = 3,527

(reference Project Safety Performance Report- 2013 to 2017)

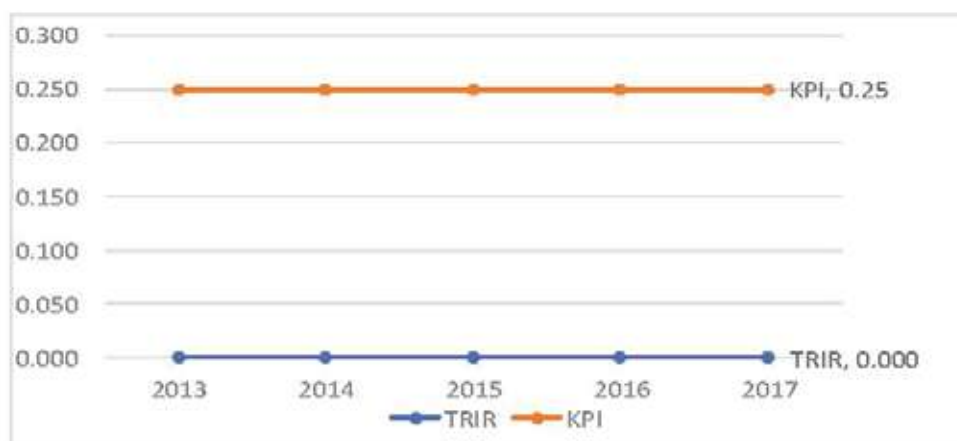
Type	Target	Percentage
1. Annual Employee turnover rate	0	0.75
2. Number of 3rd party certifications achieved	100	100
3. Percentage of employee training completed	100	98
4. Frequency of completed inspections	100	97
5. Number of enhanced safety control	100	95
6. Results of observations and accident investigations results	100	100
7. Risk or hazard assessments and JSA	100	100
8. Employee perception surveys	100	98

Percentage Analysis



	Years				
	2013	2014	2015	2016	2017
Man-hours Worked	5,995,984	7,859,737	10,493,950	12,697,680	15,879,100
Lost Time Incident (LTI)	0	0	0	0	0
Fatalities (FAT)*	0	0	0	0	0
Environmental Incident (EI)*	0	0	0	0	0
Lost Time Incident Rate (LTIR)	0	0	0	0	0
Total Recordable Incident Rate (TRIR)	0	0	0	0	0
Severity Rate (SR)	0	0	0	0	0

Year	Man-Hours	Recordable	TRIR	Man-Hours	Recordable	TRIR	KPI
2013	5995984	0	0.000	2013	5995984	0	0.000
2014	7859737	0	0.000	2014	13855721	0	0.000
2015	10493950	0	0.000	2015	18353687	0	0.000
2016	12697680	0	0.000	2016	23191630	0	0.000
2017	15879100	0	0.000	2017	28576780	0	0.000



SAFETY PERFORMANCE

1. Injury and illness data

A. Total employee (excluding sub-contractor) hours worked in the last three years

Year	2016	2017	2018
Total hours	12,697,680	15,879,100	17,520,00

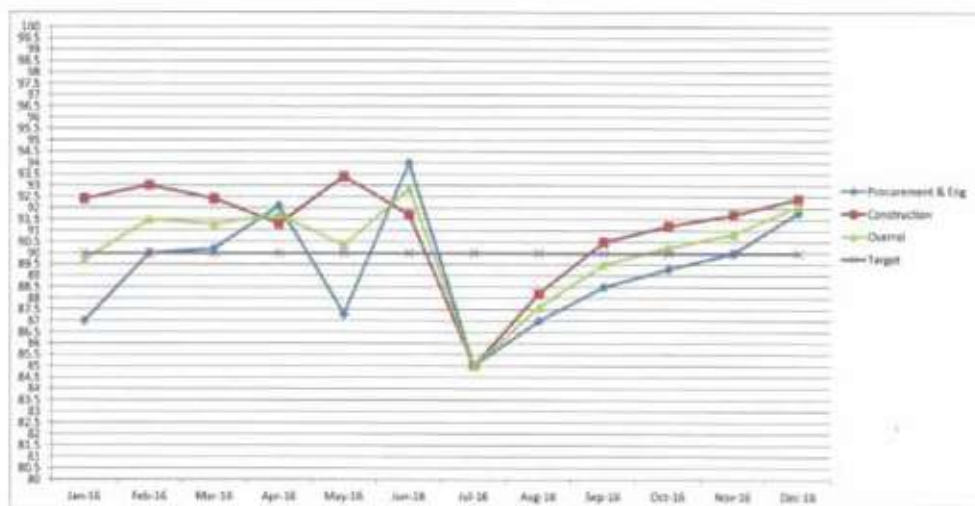
B. Provide the following data

For calculating rates please utilizing the following:	2016		2017		2018	
$\text{rate} = \frac{\text{total instances} \times 200,000}{\text{total employee hours}}$	No	Rate	No	Rate	No	Rate
Injury related fatality no. and rate	0	0	0	0	0	0
Lost work day no. and rate	0	0	0	0	0	0
Restricted work day no. and rate	0	0	0	0	0	0
Medical treatment no. and rate	0	0	0	0	0	0
Total recordable injury no. and rate	0	0	0	0	0	0

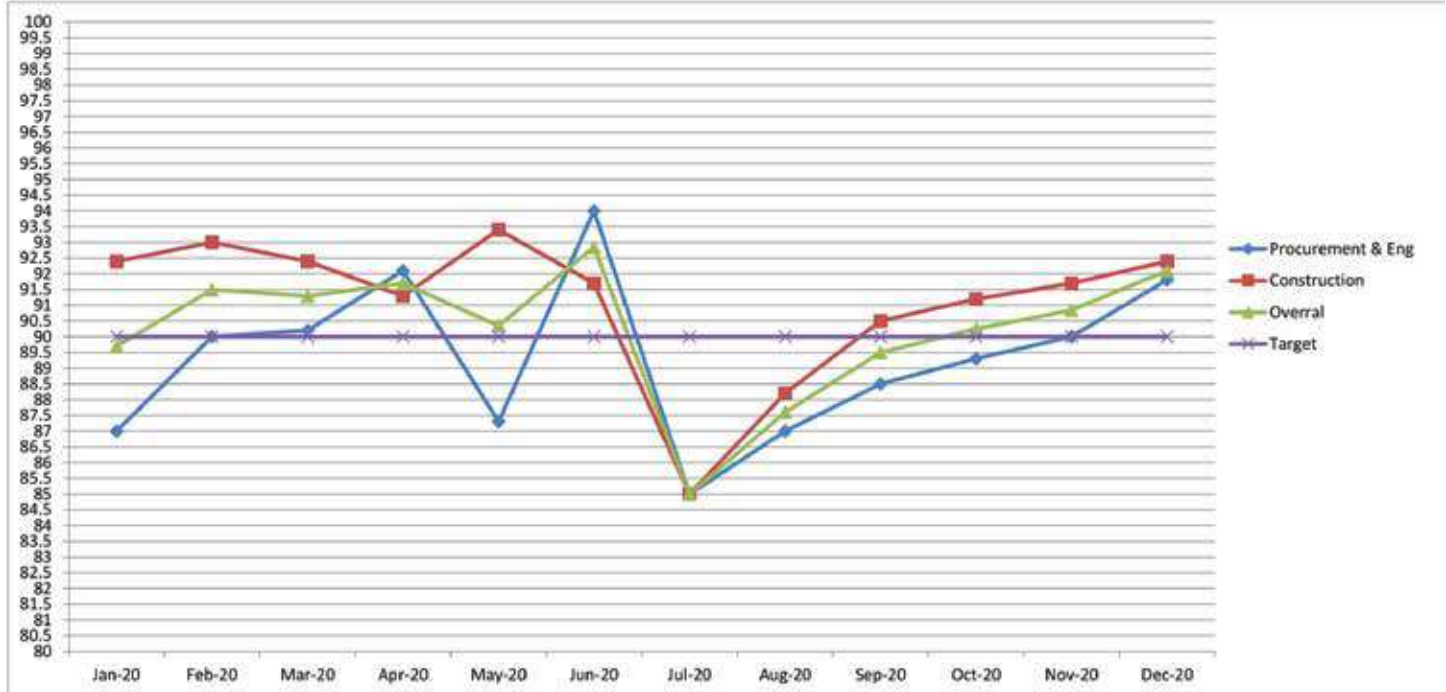
PROJECT SAFETY PERFORMANCE REPORT FOR YEAR 2015 TO 2019

YEAR	2015	2016	2017	2018	2019	TOTAL
MANPOWER	2,915	3,527	4,411	4,800	5,061	20,714
MANHOURS	10,493,950	12,697,680	15,879,100	17,520,000	18,220,800	74,811,530
HAZOB(UNSAFE ACT/ UNSAFE CONDITION)	655	961	1481	1246	1132	5475
DRILLS	12	12	12	14	14	64
TOOLBOX TALK	977	1050	1125	1560	1872	6584
JOB SAFETY ANALYSIS	122	155	188	133	163	761
EMPLOYEE RECOGNITION	48	57	126	144	171	546
CAMP INSPECTION	8	18	22	8	12	68
NEAR MISS	11	8	5	17	22	63
FIRST AID	7	8	3	3	3	24
LOST TIME INJURY	0	0	0	0	0	0
MAN DAYS LOST	0	0	0	0	0	0
FIRE	0	0	0	0	0	0
RESTRICTED DUTY INJURY	0	0	0	0	0	0
RESTRICTED DUTY DAYS	0	0	0	0	0	0
MEDICAL TREATMENT INJURY	0	0	0	0	0	0
PROPERTY DAMAGED	0	0	0	0	0	0
MOTOR VEHICLE ACCIDENT	0	0	0	0	0	0
ENVIRONMENTAL INCIDENT	0	1	1	0	0	2
SAFETY VIOLATION REPORTS	3	3	2	8	14	30

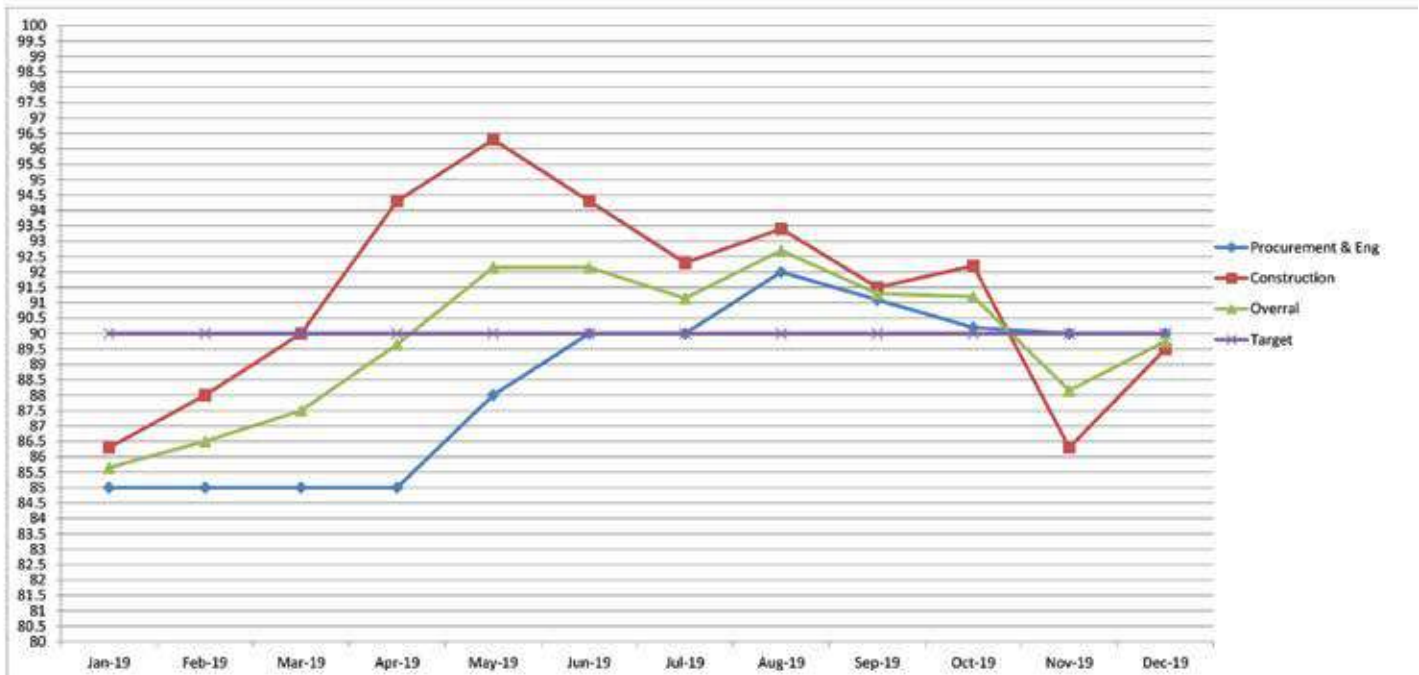
PQI



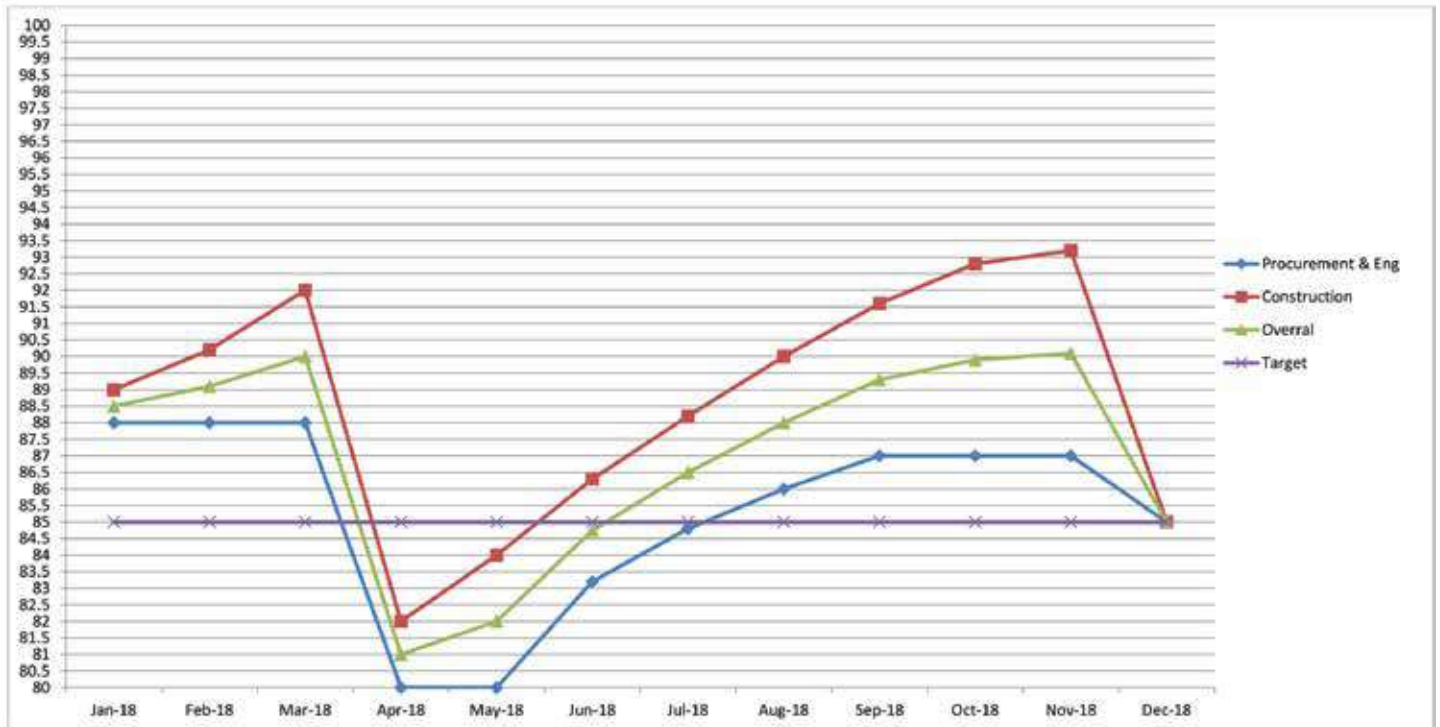
PROJECT QUALITY INDEX - PQI 2020



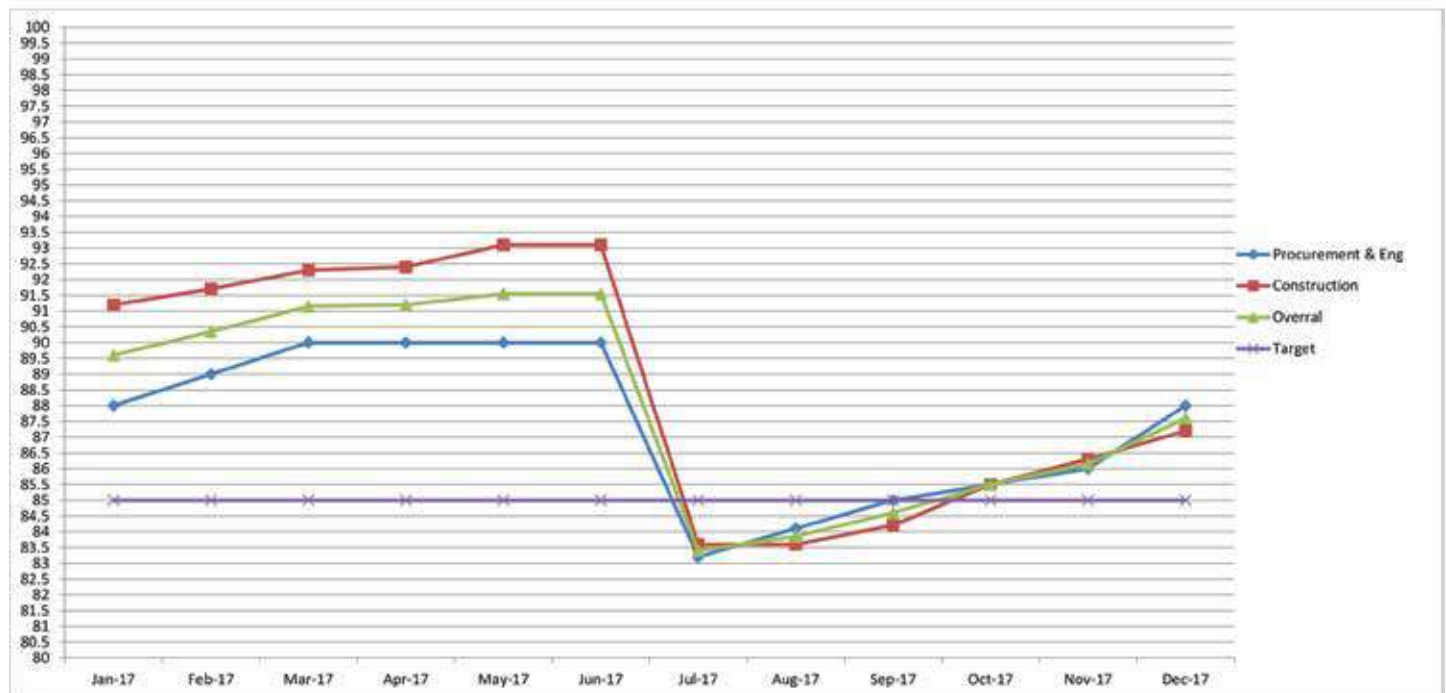
PROJECT QUALITY INDEX - PQI 2019



PROJECT QUALITY INDEX - PQI 2018



PROJECT QUALITY INDEX - PQI 2017



OUR CLIENTS —

أرامكو السعودية
saudi aramco



نـمـر
المياه الوطنية



الشركة السعودية للكهرباء
Saudi Electricity Company

سابك
SABIC



بترو رابغ
Petro Rabigh

صدارة
Sadara



Schlumberger



SAMSUNG ENGINEERING



سبكيم
Sipchem

EXCELLENCE everywhere

KJO

عمليات الخفجي المشتركة
AL KHAJJI JOINT OPERATIONS



amec
foster
wheeler

DAELIM



WorleyParsons
resources & energy

HITACHI



FLUOR®



TECNICAS REUNIDAS

OUR CLIENTS —



OUR CLIENTS —



OUR CLIENTS —



Uhde Arabia Ltd.
شركة أودي العربية المحدودة





CONTACT US



+966 13 668 1617 / 13 668 1514 / 13 667 2219



+966 13 668 1564



info@rapcogroups.com



www.rapcogroups.com