

CHILLED & HOT WATER SOLUTIONS



www.flucon.co



solutions

Electro-mechanical Integ

We Transfer Energy

Hot Water
&
Chilled

Flushing Service

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rator

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FLUCON
Engineering Flow





Chilled and Hot Water
Solutions

Fluids Control Trading Company **FLUCON** was founded in 2016 as an Industrial Electro-Mechanical Integrator, which can deliver complete solutions for chilled and hot water projects, starting from design, engineering, fabrications, supply of equipment, construction, testing & commissioning.

Over the past years, the company has advanced by bringing more quality of work by understanding our customer requirements and expectations.

We design energy solutions according to the market needs through our technical experiences, business strategies and environmental conditions that need to be considered from the beginning.

Our business approach is the ability to deliver Design & Build (Turnkey) solutions according to the international standards.

ABOUT US



VISION & MISSION

VISION

No.1 Engineering & Execution Services Provider for District Energy Plants in Middle East



MISSION

Serve the Industrial Community to Transfer Chilled & Hot Water Energy by Best Engineering Practices



FLUCON

VALUES

Focus on **F**uture with **F**reedom

Lead by **L**earning with **L**oyalty

Understand the **U**tilization of **U**nity

Commit to **C**hange with **C**hallenge

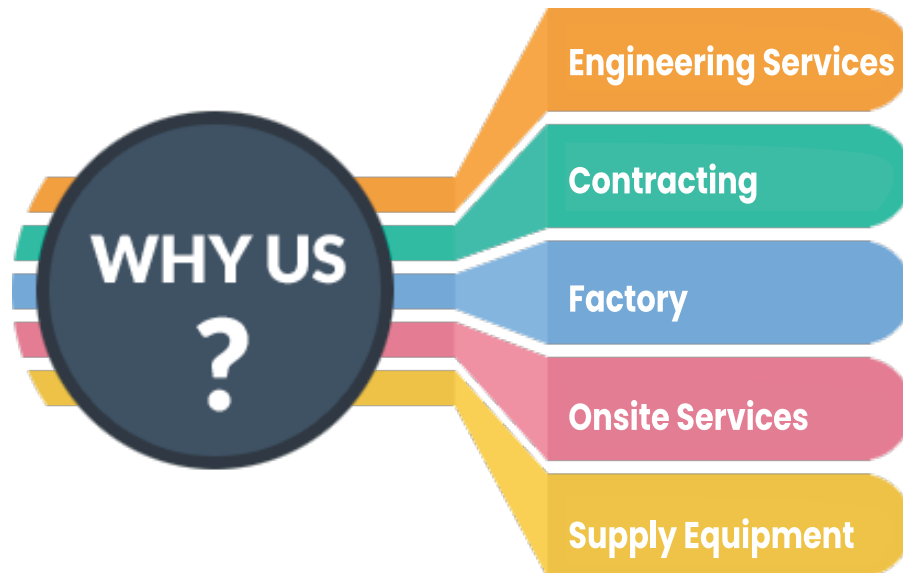
Optimize the **O**pportunities... be **O**ptimistic

Now!

Why FLUCON

FLUCON delivers distinguished turnkey solutions, specialized for the following segments:

- District Cooling Plants – DCP's.
- Energy Transfer Stations – ETS's.
- Chiller Plants
- Condenser Cooling Towers Plants.
- Boiler Plants.
- Pumping Stations.



FLUCON supports clients through:

- Engineering Services:
 - Design & Calculations
 - 3D Modeling
 - Hydraulic Simulation
 - Pipe Supports Stress Analysis.
- Electro-Mechanical Contracting Specialized for Industrial Scale.

WHY FLUCON

- **FLUCON** Factory for Steel Industries, by supplying:
 - Thermal storage tanks
 - Buffer tanks
 - Pipes Supports
 - Steel Fabrications.



- Onsite Services:
 - Hydro-testing
 - Flushing & Chemical Treatment
 - Balancing
 - Shutting down Planning and Execution



- Supply Equipment:
 - Cooling Towers
 - Heat Exchangers
 - Industrial Water Heaters Tanks & Calorifiers Tanks
 - Expansion Tanks
 - Air & Dirt Separators

WHY FLUCON

DESIGN CAPABILITIES



Using required international codes such as ASME, ANSI, API, used by expertise engineering team in this field.

- Pipe Stress Analysis, using CAESAR II.
- Pipe Supports design and analysis, using Autodesk Robot, SAP2000.
- Thermal Energy Transfer calculations and simulation, using CFD software.

CAESAR II[®]
Pipe Stress Analysis

R
AUTODESK
ROBOT

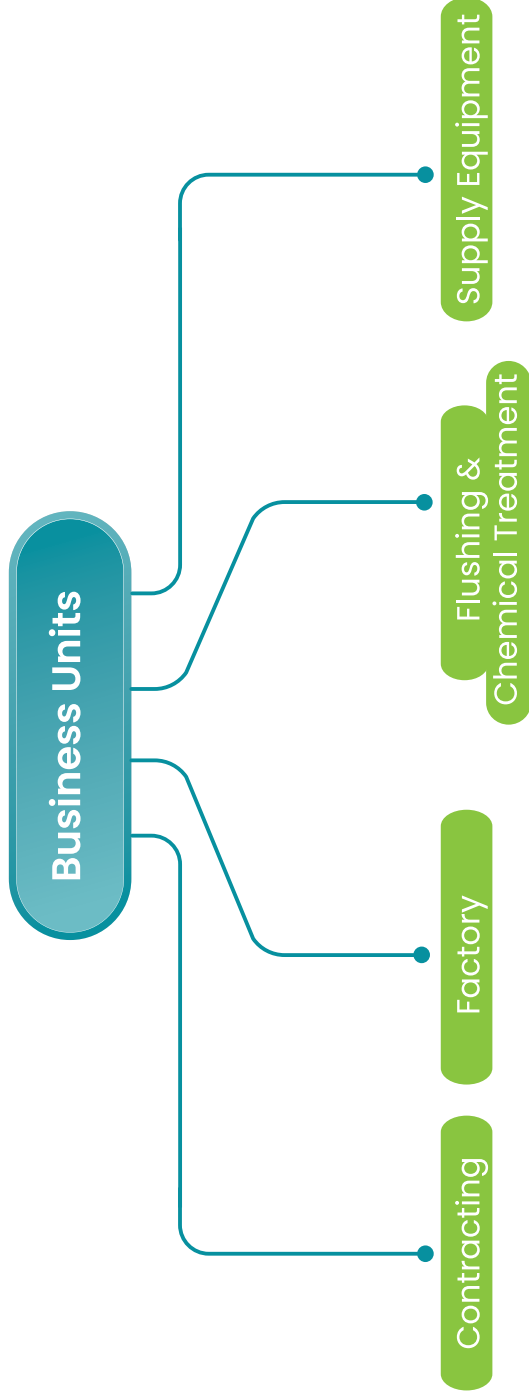
SAP2000

 **CONVERGE**
CFD SOFTWARE

BUSINESSEUNITS



Business units





CONTRACTING

CONTRACTING



**DISTRICT COOLING
PLANTS**



CHILLERS PLANTS



**ENERGY TRANSFER
STATIONS**



**COOLING TOWERS
PLANTS**

DISTRICT COOLING PLANTS – DCPS



CONTRACTING

In the last decades, the industrial and services sectors were rapidly expanding through building new industrial cities, new airports, new services facilities, new towers and compounds districts. The demands for water, power, and cooling were also increasing to match these requirements.

District Cooling Plant is the solution to cover the increasing demand on cooling with less power consumption compared with the traditional A/Cs, reached up to 30% of power saving compared with the normal A/Cs system.

Besides, District Energy Plants are centralizing the operation and maintenance works which will decrease the logistics and operational cost.

CHILLERS PLANTS



CONTRACTING

For stand alone facilities which need small to medium amount of cooling, it is recommended to build chiller plant with air cooled chillers in order to serve the facility.

Chiller plants are commonly used in Business Centers, Towers, Commercial Buildings, Hospitals, Data Centers, Factories and others.

Chiller plants are optimized to minimize the initial costs, power consumption, and cost of operation & maintenance.

The optimization process starts from understanding the facility requirements, peak loads, and the severity of stopover.

There are many configurations to be considered from design stage for mechanical, electrical and control systems for the chiller plants, such as primary & secondary circuits, constant & variable flowrates, De-Coupler arrangement, sizing of thermal storage tanks, control valves, and process sensors.

ENERGY TRANSFER STATIONS – ETS ROOMS



CONTRACTING

ETS will enhance the performance of DCP and will protect the chillers loop by providing two different circuits. Designing a proper control for ETS will enhance the system efficiency and transfer the required energy.

By installing a flow control valve (temperature controlled), the flow through ETS can be controlled based on the return line temperature going to the plant or the return temperature at the secondary side coming from the served building.

Installing differential pressure transmitter across the chilled water supply and return line of ETS will help to control the flow of secondary pumps installed in the district cooling plant. In case of having many ETS rooms for one centralized DCP, the secondary pumps will be controlled based on the lowest ETS DP.

Such synchronization between ETS's and DCP will guarantee the heat transfer efficiency and DCP performance.

Many service providers ask to measure the heat transfer value for different purposes. FLUCON can provide a full PLC solution with BTU meter and flow measuring devices to calculate and report the actual heat transfer to main DCP.

COOLING TOWERS PLANTS



A cooling tower is an effective solution to remove the unwanted heat from system to atmosphere.

Cooling towers may use either water evaporation to remove process heat and cool the working fluid near the wet-bulb air temperature, or in the case of closed-circuit dry cooling towers, it only relies on the air to cool the working fluid to be near the dry air temperature.

There are common applications for cooling the circulating water; such as district cooling plants, and the process water in industrial facilities.

The cooling tower circuit mainly consists of the cooling tower structure, circulating pumps and filtration system to enhance the performance of the cooling tower.

The main factors which leads for the optimum design of cooling towers plants are:

1. Understanding the facility cooling loads.
2. Wet bulb temperature.
3. Foot print of cooling tower structure.
4. Availability of makeup water source for open type cooling towers.



STEEL FACTORY

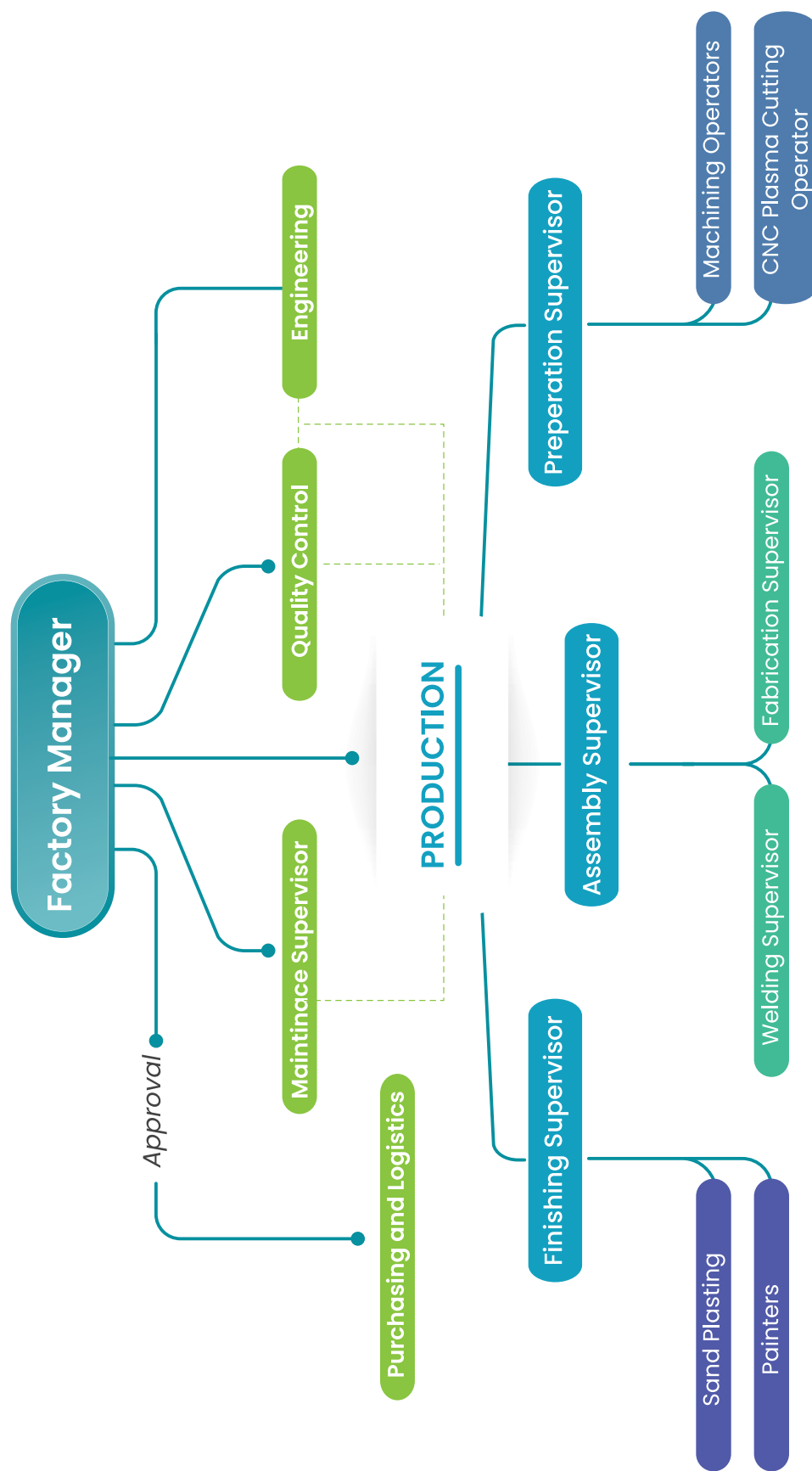
FLUCON FACTORY



FLUCON scope of work for engineering, fabrication, supply, erection and commissioning of Chilled Water Systems.

FLUCON Steel Factory is a supporting business unit specialized in manufacturing equipment and structural items related to FLUCON projects, includes Thermal Energy Storage Tanks, Piping (Threaded & Welded), Pipe Supports, Pipe Clamps, Shoes and accessories, Insulation & Cladding.

ORGANIZATION CHART



FACTORY PRODUCTS



FLUCON Factory Products

Design, fabrication, Testing commissioning of:

- Pressure Vessels, especially pressurized thermal energy storage tanks.

Factory Main Products:

1• THERMAL ENERGY STORAGE TANKS (TEST)

Contains inner diffusers which can be designed to meet the thermal requirements.

Design, fabrication and installation of test are our business.



FACTORY PRODUCTS



2• ATMOSPHERIC THERMAL ENERGY STORAGE TANKS.

Covering wide range of capacities and types of thermal and buffer tanks.



FACTORY PRODUCTS



3 • PIPING SYSTEMS & PIPES SUPPORTS.



FACTORY PRODUCTS



4• STEEL STRUCTURE & PLATFORMS.



FACTORY CAPABILITIES



OVER HEAD CRANE

Capacity Of 5 Ton, 12 Meters Span Along With 50 Meters Runway.



SHEET ROLLING MASHINE

Rolling Capcity: Sheets Of 2.5 Meters, 20mm Thickness.

For Rolling Shells And Cones Of Vessels.

FACTORY CAPABILITIES



CNC PLASMA CUTTING MACHINE

Bed Dimentions: 3 Meters X 9 Meters.



CONVENTIONAL LATHE MACHINE WITH EXTENDABLE BED

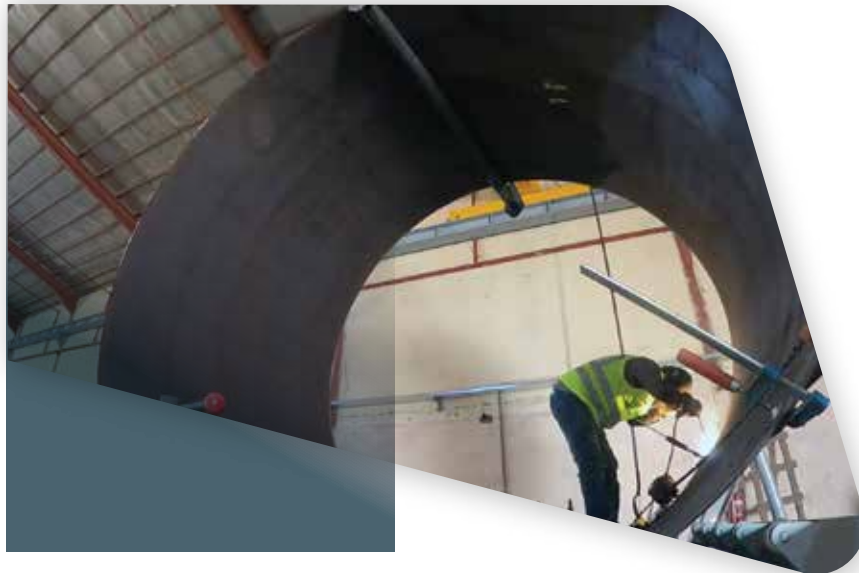
Capble to turne up to 1.6 diameter and 3 meters length.

FACTORY CAPABILITIES



THIN SHEET ROLLING MACHINE:

For rolling sheets thickness up to 2 mm.
such as filers baskets from perforated sheet.





**FLUSHING &
CHEMICAL TREATMENT**

FLUSHING & CHEMICAL TREATMENT



FLUSHING

FLUCON Provides comprehensive and completed solutions for the flushing and chemical treatment works required for chilled and hot water systems.

The flushing and chemical treatment task is considered as pre-commissioning step, to clean and treat the constructed pipelines before operation.

Also, it can be applied after plant operation for running plants if the system was not cleaned and treated well after construction work.

Why are Flushing and Chemical Treatment Required?

The purposes of flushing and chemical treatment are:

- Removing all particles which accumulated inside the pipelines during construction works such as steel fabrication particles, welding rods particles, sand, ...etc.



- Treating the pipeline inner surface by removing the existing corrosion / scale, and to keep pipelines inner surface corrosion free during operation



FLUSHING

Dynamic flushing is necessary to remove and filtrate the system from the debris and dirt.

Chemical treatment is required to remove corrosion / scale and to keep the system corrosion free.

Accumulated dirt inside the networks, and generating continuous corrosion will effectively harm your system!



All system components will be defected due to circulate water with high velocity carrying the solid particles during operation, which cause continuous hitting and then defecting the inner surface of system components.

And even if there is no actual defect on the system, there will be a big chance to lose your system efficiency!

FLUSHING

Main component which may defected:

- Chillers: evaporator and condenser copper tubes will be clogged, defected and causing major leaks.
- Primary & Secondary Pumps: defects on pump impeller and internal pump case surface, which will increase the cavitation and decrease the pump efficiency.
- Heat Exchangers: clogging in heat exchanger plates or tubes.
- AHUs & FCUs: copper tubes will be clogged, defected and cause major leaks.
- Valves: rubber lining inside the valve will be defected and cause leaks.

FLUSHING



Why **FLUCON** is your best partner to do the Flushing Works?

Most of clients and service providers concentrate on the chemical treatment part, which leads to use proper chemicals to remove the corrosion or scale from system.

We are in **FLUCON**, considering the chemical treatment is the second easiest part.

Dynamic flushing and filtration process is the first essential part, which needs a specialized partner to study the network and propose the comprehensive solution.

FLUCON team starts the job by:

- Studying network, to divide it into several loops depending on the system volume and its circuits.
- Generating hydraulic reports for the assigned loops.
- Sizing the required flushing pumps and filtration system.
- Assigning the areas which need bypasses to protect the system equipment.
- Studying the metallurgy of system component.
- Selecting the suitable chemicals.
- Determining the scope requirements onsite to do the job, such as:
 - Volume of water: usually multi times of system water volume is required due to feed and bleed flushing process.
 - Availability of drainage system.
 - Location of flushing and filtration skids.
 - Availability of fresh water storage tanks.
- Generating a method statement before starting the work.

FLUSHING



SUPPLY EQUIPMENT

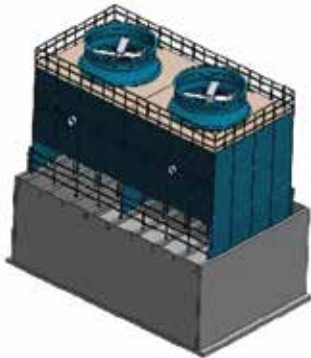
SUPPLY EQUIPMENT

FLUCON deals with international factories to supply high quality products and equipment for chilled and hot water applications.



COOLING TOWERS

A cooling tower is an effective solution to remove the unwanted heat from system to atmosphere.



Cooling towers may use either water evaporation to remove process heat and cool the working fluid near the wet-bulb air temperature, or in the case of closed-circuit dry cooling towers, only rely on air to cool the working fluid to be near the dry air temperature.

Common applications include cooling the circulating water used in district cooling plants, and the process water in industrial facilities.

The cooling tower circuit mainly consists of the cooling tower structure, circulating pumps and filtration system to enhance the performance of the cooling tower.



The main factors which leads for the optimum design of cooling towers plants are:

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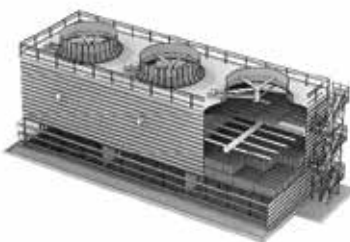


PLATE HEAT EXCHANGERS

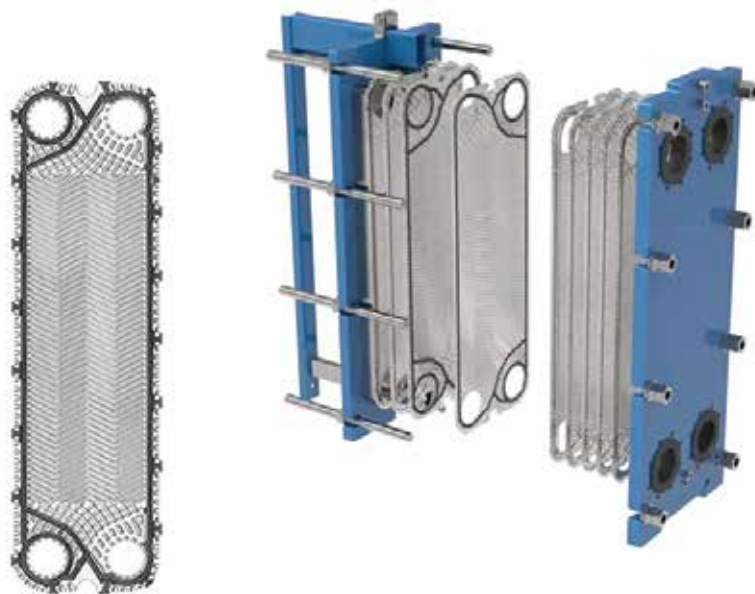
What is Plate Heat Exchanger?

Plate Heat Exchanger is a device that works with principle of two different liquids making heat transfer in them without contacting each other, through a gasketed metal plates.

The standard plate heat exchanger has 4 in-out ports (two of them for the hot side, and the other two ports for the cold side circuit).

The Frame Plate Heat Exchanger is mainly consisted of the following:

- Front and back frames
- Flow plates
- Connections
- Gaskets



Materials of Construction:

- Plates: SS304, SS316, SS316L and Titanium
- Frame: Carbon Steel and Stainless Steel
- Connections: Carbon Steel, Stainless Steel and Plastic
- Gasket: EPDM and NBR

Working Pressures:

- 10 Bars
- 16 Bars
- 20 Bars



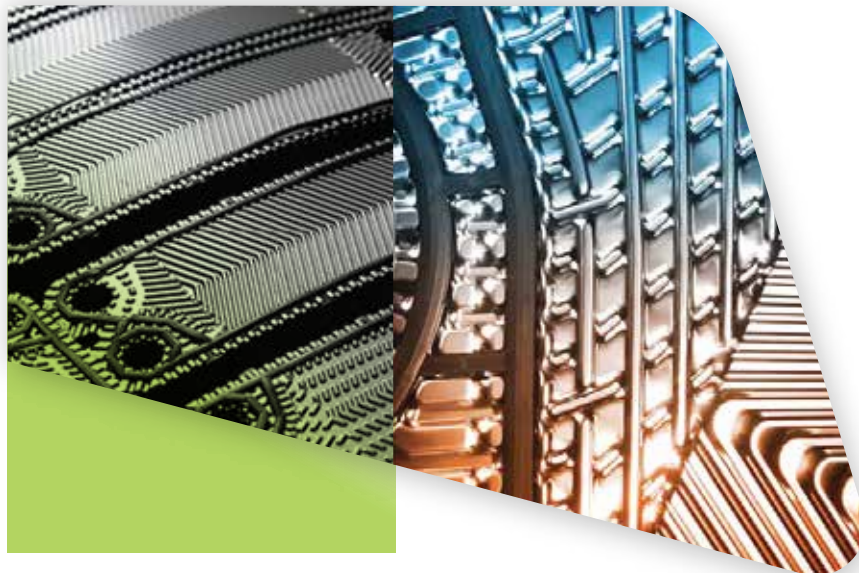
Area of Usage, Fields & Industries:

- Chilled water / hot water networks
- Pressure breakers
- Chiller plants
- Energy transfer stations (ETS Rooms)
- District cooling plants (DCP)
- Cooling towers cycles
- Pool heating
- Cooling Rolling Press Oil:
- Cooling Borax Oil:
- Waste Heat Recycle / Recovery
- Food Industries (Milk Pasteurization, Yogurt Pasteurization, Plate Pasteurization Systems)
- Marine



Advantages of Plate Heat Exchangers:

- Transferring heat with very high efficiency, and we always design flow to be diagonal between the hot and cold side, so efficiency reaches the maximum level
- Occupying very little place, thanks to their compact structure
- Being completely disassembled and clean
- Having a wide range of plates and gaskets
- Always the most economical solution for you
- Designed and presented to match customers' requirements

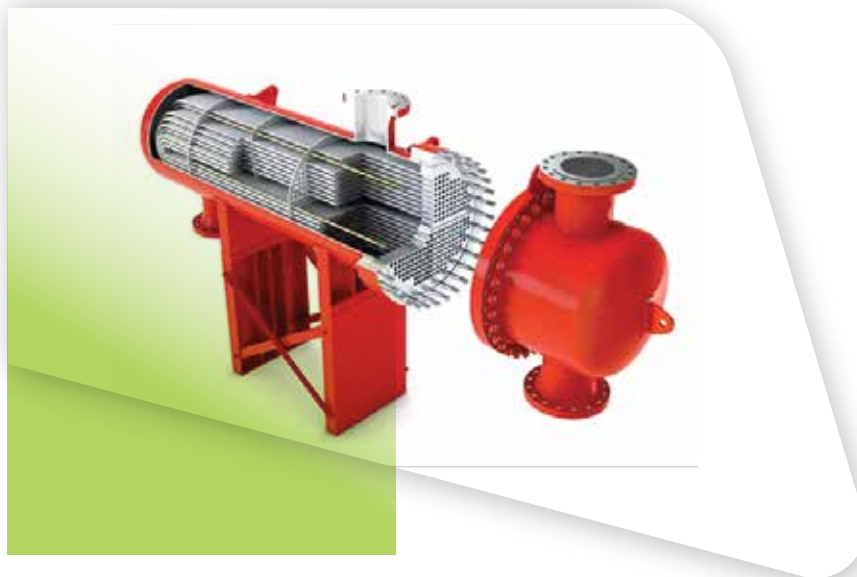


SHELL TUBE EXCHANGER

What is Shell & Tube Heat Exchanger?

Shell and Tube heat exchanger transfer heat between two fluids, by running one inside tubes and the other one on the surface of tubes inside the shell body.

The standard tubular heat exchanger has 4 in-out ports (two of them for the hot side, and the other two ports for the cold side circuit).



- Straight or U bend tubes enabling heat transfer
- Shell manufactured from tube or bended plate
- Face plate by which the tubes are fixed on
- Baffles directing the flow outside the tube but inside the shell and supporting the tubes
- Nozzles enabling the exit and entrance of shell side fluid
- Heat and head nozzles enabling the exit and entrance of tube side fluid
- Carrying legs enabling the assembly of heat exchanger on any base

Materials of Construction:

Depending on the process requirement and application, the following materials can be used in manufacturing the heat exchanger parts:

- ST37
- ST35.8
- AISI304
- AISI316
- AISI316L
- Copper
- Titanium

Working Pressures:

- 10 Bars
- 16 Bars
- 25 Bars
- 40 Bars
- 60 Bars
- 100 Bars



Materials of Construction:

Depending on the process requirement and application, the following materials can be used in manufacturing the heat exchanger parts:

- ST37
- ST35.8
- AISI304
- AISI316
- AISI316L
- Copper
- Titanium

Working Pressures:

- 10 Bars
- 16 Bars
- 25 Bars
- 40 Bars
- 60 Bars
- 100 Bars



Area of Usage, Fields & Industries:

- Oil coolers
- Heat treatment
- Chemical applications
- Chilled water / hot water networks
- Pressure breakers
- Cooling Rolling Press Oil:
- Cooling Borax Oil:
- Waste Heat Recycle / Recovery
- Food Industries (Milk Pasteurization, Yogurt Pasteurization, Plate Pasteurization Systems)
- Marine



INDUSTRIAL WATER HEATERS TANKS & CALORIFIER



What is the Industrial Water Heater Tank & Calorifier?

The central water heater tank is a heat exchanger storage tank that is used to heat up the desired liquid.

It's called a calorifier tank when the source of heat is another liquid generated from boilers, solar system,... etc.

And it's called an electrical water heater tank if the source of heat is the electricity (electrical resistances).

These centralize water heater tanks can be supplied in several types:

- Water Heater Tank with Single Serpentine Type (Or Called with Fixed Internal Heat Exchanger)
- Water Heater Tank with Double Serpentine Type (Or Called with Two Fixed Internal Heat Exchangers)
- Water Heater Tank with Tube Coil
- Electrical Heater Type



Electrical type can be combined with other types as backup power.

Materials of Construction:

Body: Carbon Steel and Stainless Steel AISI 316

- Internal Coating: Glass Lined Enameled, Pickling and Passivation
- External Coating: Highly Rigid Polyurethane Foam, Flexible Polyurethane Foam, Polystyrene Graphite and Polyester Fiber
- External Sheet: Electrostatic Powder Paint and Artificial Leather

Cathodic Protection:

Our industrial water heaters tanks are supplied with cathodic protection anodes.

- Magnesium Anode
- Titanium Anode



Capacities:

200 Liters and up to 10,000 Liters

Area of Usage:

- Airports
- Malls
- Hospitals
- High Rise Buildings and Towers
- Business Centers
- Complexes and Compounds
- Sport Centers
- Industrial Facilities and Factories

EXPANSION TANKS



What is the Expansion Tanks?

The Expansion Tank (also called pressure tank, pressure vessel and expansion vessel, bladder tank) is a steel tank with bladder (membrane) inside, which is used to maintain the system pressure in certain limits.

These expansion vessels are used in chilled and hot water closed systems.

The pressure tanks (pressure vessels) are usually supplied pre-charged by air for about 3-4 bars.



Materials of Construction:

- Body: Carbon Steel and Stainless Steel
- Bladder (Membrane): EPDM, BUTYL

Orientation:

- Vertical
- Horizontal

Capacity:

500 Liters up to 10,000 Liters

Working Pressure:

- 10 Bars
- 16 Bars
- 25 Bars

Area of Usage, Fields & Industries:

- HVAC Projects
- Chiller Plants – District Cooling Plants
- Energy Transfer Stations – ETS Rooms
- Chilled water & hot water networks
- Boilers systems



AIR & DIRT SEPARATORS



What is Air & Dirt Separator?

Air Separator, Dirt Separator and Air / Dirt Separator are used for preventing the system from damages which can be done by the air (and or dirt) existing in the system such as corrosion, cavitation and clogging.

It can be supplied as:

- Air Separators: for systems which have the possibility to get air inside during the operation.
- Dirt Separators: for systems which have the possibility to get air inside during the operation.
- Air & Dirt Separators: for systems which have the possibility to get air & dirt inside during the operation

The inlet and outlet connections can be supplied:

- Axial connections
- Tangential connection



Materials of Construction:

- Body: Carbon Steel and Stainless Steel
- Strainer: Stainless Steel

Sizes:

Starts from DN50 and up to DN800 (Bigger sizes can be customized)

Working Pressures:

- 10 Bars
- 16 Bars
- 25 Bars

Area of Usage, Fields & Industries:

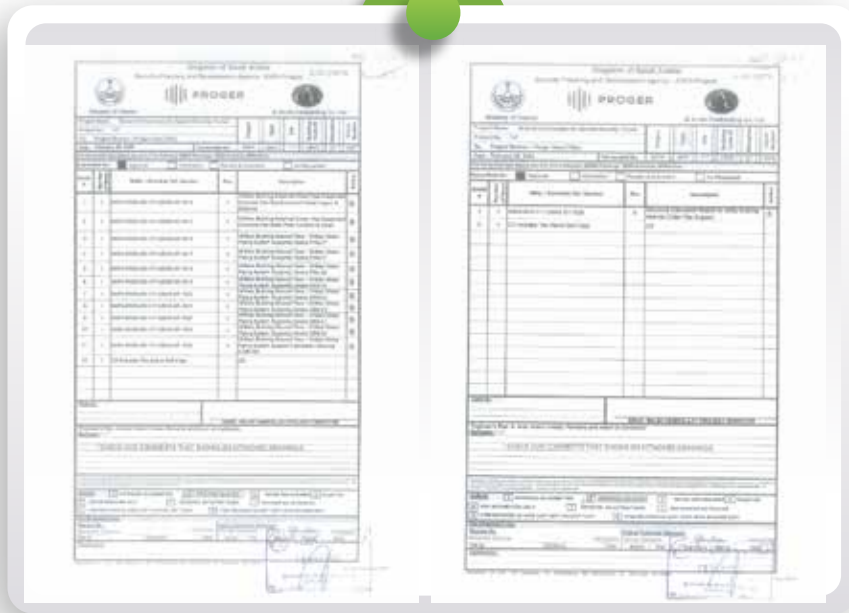
- HVAC Projects
- Chiller Plants – District Cooling Plants
- Energy Transfer Stations – ETS Rooms
- Boilers systems





APPROVALS

SAMPLE OF APPROVALS



KAP117



KAP118

The image shows a single PROGER form titled "Register of Social Audit". It features a header with the PROGER logo and the text "Ministry of Planning and Economic Development - 9th Five Year Plan". Below the header is a table with columns for "Sl. No.", "Date of Audit", "Name of the Institution", and "Remarks". The table contains several rows of data. At the bottom of the form, there is a section for "Signature of the Auditor" and a date field.

KAP119

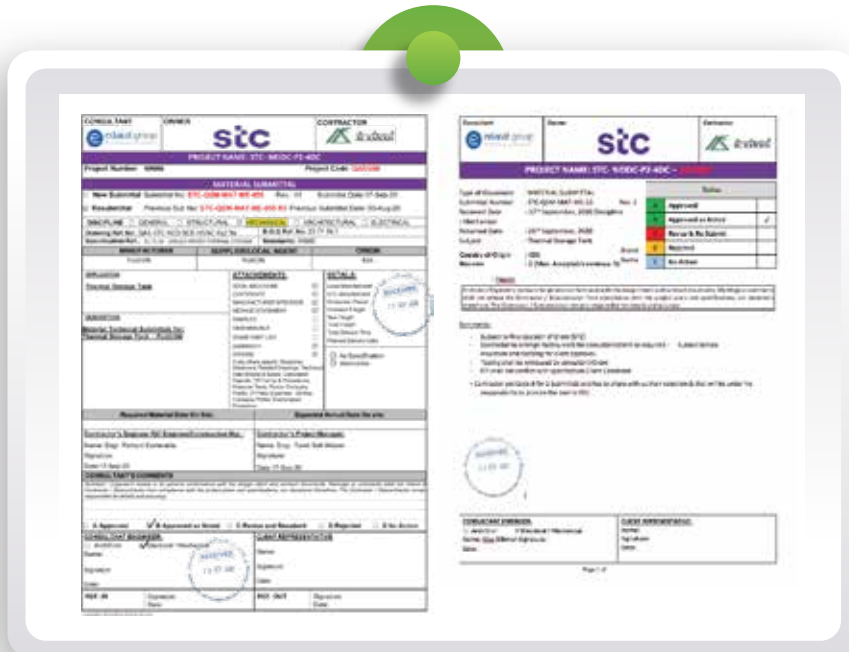
The image shows three PROGER forms titled "Register of Social Audit" displayed side-by-side. Each form has the same header and table structure as the one in the previous image. The first form on the left has a circular stamp at the bottom. The second and third forms are mostly blank, with only a few entries in the table.

KAP120

APPROVALS



STC Makkah



STC Qassim

APPROVALS



**GOVERNMENT
DOCUMENT**



2030
Vision
رؤية



وزارة التجارة
Ministry of Commerce

السيادة / شرة التكم بالموقل للمطاولت

نهلكم بدخول عالم الأعمال التجارفة وإصدار سجلكم التجارف، وننطلع أن يساهم هذا السجل فف تحقق
تطلعالكفم، وأن فكب الله لكم التوففق والنجاح فف عملكم التجارف، وأن تكون شركفا فف تعزيز اقتصاد
المملكة العربية السعودية.

فسرنا إبلانكم بأن رقم منشآتكم الموحف هو ٧٠٠١٢٠١١٧ .وقف تم ربطه بالخدمات الحكومية التي
سنتحتاجها مستقبلأ. وهي على النحو التالي:

الرقم:	رقم سجلكم التجارف للمنشأة	
١٠٠٤٧٥٢٥		
١٢٨٠٢٢١	رقم منشآتكم لفى وزارة الموارد البشرية والتنمية الاجتماعفة	
٢٠٤٥١٤٠٠	تم تسجل منشآتكم مجانأ لمدة سنة فف خدمة واصل التجارف	
٢١٠٥١٢٣١٥	رقم منشآتكم لفى هفلة الزكاة والضرففة والجمارك	
تعار الإنشاء للتعلقى للحساب هفد النوع لفى موقلها إنشاء الحساب	رقم منشآتكم لفى المؤسسة العامة للتأمينات الاجتماعفة	
٢٥٥٦٩٩	رقم منشآتكم لفى الفرقة التجارفة.	
٤١٠٣١٢٣٧٢٨	رقم رخصة "بلدفة" فورفة (فف حال إختفاركم)	



إنج تطبيق "نوافف منشآت" العفرف من الخدمات الممكنة لك فف عالم الأعمال و منها الحصول
على الرقشار و الاستشارات ، تطبيق "نوافف منشآت" بوابه دخولك إلى عالم الأعمال
<https://www.monshaat.gov.saudi>



و يمكنك ففح حساب بنكف دون الحاجة إلى أف أختام لمنشآتكم

لما جمعنا لك كافة الأنظمة واللوائح بلغة بسيطة فف ففدل التاجر لتمارس عملك التجارف بسهولة
mci.gov.sa/trader/guide

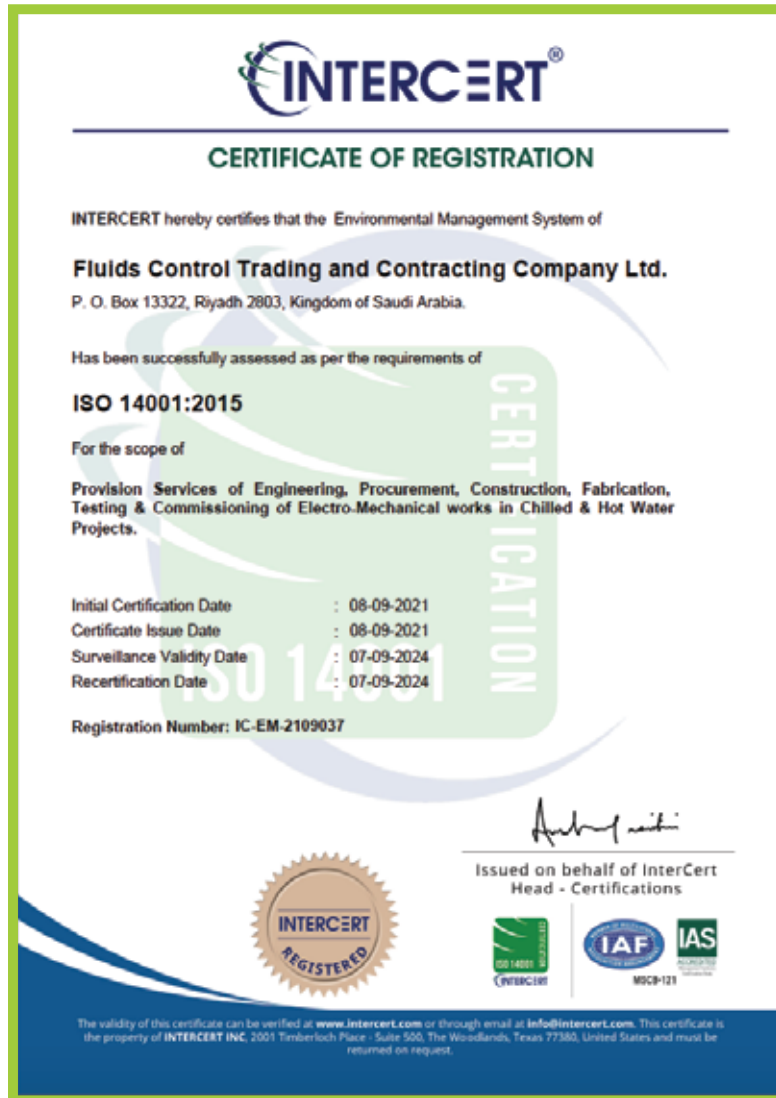
92600667 | رفراض ١١١٤2
Kingdom of Saudi Arabia | المملكة العففة السعودية

MCgovSA
www.mc.gov.sa




CERTIFICATES







The American Society of Mechanical Engineers



CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.


COMPANY:


Fluids Control Factory For Steel Industries
 Building No.3388, Unit no 6384,
 Ar Rashad Street, Al Mishael Dist.,
 Riyadh 14328
 Saudi Arabia


SCOPE:

Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover impregnated graphite)

AUTHORIZED: February 21, 2023
EXPIRES: February 21, 2026
CERTIFICATE NUMBER: 60666


 Board Chair, Conformity Assessment


 Managing Director, Standards & Engineering Services





REFERENCE
PROJECTS

REFERENCE PROJECTS

1

Project
PROJECT OF CUSTODIAN OF THE TWO HOLY MOSQUES , KING ABDULLAH BEN ABDUL AZIZ FOR DEVELOPING THE SECURITY LOCATIONS OF MINISTRY OF INTERIOR
FOURTH STAGE - DIRECTORATES AND HEADQUARTERS OF SECURITY SECTORS- KAP4 - 117
Client
KINGDOM OF SAUDI ARABIA
MINISTRY OF INTERIOR
Security planning and development Agency KAP4 Project
Main Contractor
AL-ARRAB CONTRACTING CO. LTD.
Sub Contractor
FLUCON

2

Project
PROJECT OF CUSTODIAN OF THE TWO HOLY MOSQUES , KING ABDULLAH BEN ABDUL AZIZ FOR DEVELOPING THE SECURITY LOCATIONS OF MINISTRY OF INTERIOR
FOURTH STAGE - DIRECTORATES AND HEADQUARTERS OF SECURITY SECTORS- KAP4 - 118
Client
KINGDOM OF SAUDI ARABIA
MINISTRY OF INTERIOR
Security planning and development Agency KAP4
Project
Main Contractor
AL-ARRAB CONTRACTING CO. LTD.
Sub Contractor
FLUCON





REFERENCE PROJECTS

3

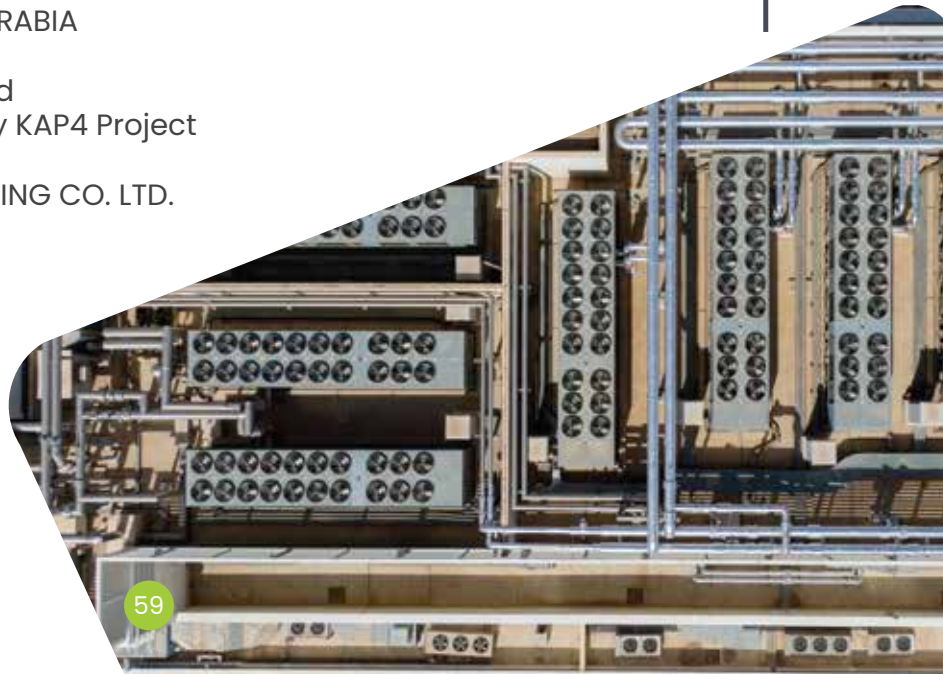
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PROJECT OF CUSTODIAN OF THE TWO HOLY MOSQUES , KING ABDULLAH BEN ABDUL AZIZ FOR DEVELOPING THE SECURITY LOCATIONS OF MINISTRY OF INTERIOR
FOURTH STAGE - DIRECTORATES AND HEADQUARTERS OF SECURITY SECTORS- KAP4 - 120

Client
KINGDOM OF SAUDI ARABIA
MINISTRY OF INTERIOR
Security planning and development Agency KAP4 Project
Main Contractor
AL-ARRAB CONTRACTING CO. LTD.
Sub Contractor
FLUCON

4

Project
PROJECT OF CUSTODIAN OF THE TWO HOLY MOSQUES , KING ABDULLAH BEN ABDUL AZIZ FOR DEVELOPING THE SECURITY LOCATIONS OF MINISTRY OF INTERIOR
FOURTH STAGE - DIRECTORATES AND HEADQUARTERS OF SECURITY SECTORS- KAP4 - 119

Client
KINGDOM OF SAUDI ARABIA
MINISTRY OF INTERIOR
Security planning and development Agency KAP4 Project
Main Contractor
AL-ARRAB CONTRACTING CO. LTD.
Sub Contractor
FLUCON



REFERENCE PROJECTS



5

Project
Prince Sultan Military Medical City
Client

KINGDOM OF SAUDI ARABIA
MINISTRY OF DEFENCE Medical
Service Department/ Riyadh

Main Contractor

M.M. ALRUMAIH TRADING J.S.CO

Sub Contractor

FLUCON

Project
PROJECT OF CUSTODIAN OF THE TWO HOLY MOSQUES , KING ABDULLAH BEN ABDUL AZIZ FOR DEVELOPING THE SECURITY LOCATIONS OF MINISTRY OF INTERIOR

FOURTH STAGE - DIRECTORATES AND HEADQUARTERS OF SECURITY SECTORS- KAP4 - 123

Client

KINGDOM OF SAUDI ARABIA
MINISTRY OF INTERIOR

Security planning and development Agency KAP4 Project

Main Contractor

AL-ARRAB CONTRACTING CO. LTD.

Sub Contractor

FLUCON

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REFERENCE PROJECTS



7

Project
MOBILY TECHNICAL BUILDING – MALGA2
Design TIER III Data Center Plan
Client
MOBILY
Main Contractor
M.M. ALRUMAIH TRADING J.S.CO
Sub Contractor
FLUCON

Project
ITC Advanced Data Center Facility(ADC)
RIYADH Branch # 1
Client
INTEGRATED TELECOM
Main Contractor
M.M. ALRUMAIH TRADING J.S.CO
Sub Contractor
FLUCON

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REFERENCE PROJECTS

9

Project
New Era Infrastructure Data Centers - Al Qassim
Client
Al Bawani
STC Saudi Telecom Company
Main Contractor
M.M. ALRUMAIH TRADING J.S.CO
Sub Contractor
FLUCON

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Project
New Era Infrastructure Data Centers - Jeddah
Client
Al Bawani
STC Saudi Telecom Company
Main Contractor
M.M. ALRUMAIH TRADING J.S.CO
Sub Contractor
FLUCON

REFERENCE PROJECTS

11

Project
New Era Infrastructure Data Centers - Al Madinah
Client
Al Bawani
STC Saudi Telecom Company
Main Contractor
M.M. ALRUMAIH TRADING J.S.CO
Sub Contractor
FLUCON

Project
New Era Infrastructure Data Centers - Al Riyadh
Client
Al Bawani
STC Saudi Telecom Company
Main Contractor
M.M. ALRUMAIH TRADING J.S.CO
Sub Contractor
FLUCON

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REFERENCE PROJECTS

13

Project
New Era Infrastructure Data Centers - Makkah
Client
Al Bawani
STC Saudi Telecom Company
Main Contractor
Saudi Business Machines Ltd SBM
Product
Supply Of Thermal Storage Tank
-20 M3, 4 Nos

Project
**MOBILY TECHNICAL BUILDING,
OBHUR Upgrade tier 3**
Client
MOBILY
Main Contractor
M.M. ALRUMAIH TRADING J.S.CO
Sub Contractor
FLUCON

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REFERENCE PROJECTS

15

Project
**JEDDAH II TECB 8003 - Rourth
Floor Upgrade**
Client
MOBILY
Main Contractor
M.M. ALRUMAIH TRADING J.S.CO
Sub Contractor
FLUCON

Project
**MOBILY TECHNICAL BUILDING,
Al Fursan Dammam**
Client
MOBILY
Main Contractor
M.M. ALRUMAIH TRADING J.S.CO
Sub Contractor
FLUCON

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Riyadh Office, KSA

King Abdul Aziz Branch
Rd, Al Muruj, Riyadh
P.O.Box 85444,
Riyadh 11691

Phone: (+966) 11 481 25 35

Mobile: (+966) 569 440 666

Email: sales@flucon.co

Amman Office, Jordan

Khalda ,Alwaha circle
Almeyaniyah complex
first floor office 104

Phone: (+962) 797 179 694

Email: sales@flucon.co



FLUCONeng

