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Building resilient infrastructure through advanced steel structure construction

2024

Introduction

At the heart of the Gulf's rapidly evolving landscape, CTS Gulf emerges as a powerhouse of innovation and expertise in the construction industry. Established, CTS Gulf is not just a company; it is a vision realized—a commitment to pushing the boundaries of what's possible in construction. We combine decades of experience with cutting-edge technology to deliver projects that are not only structurally sound but also future-ready. Our approach is holistic, integrating global best practices with a deep understanding of the local market, ensuring that every project we undertake is a benchmark of excellence.

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About Us

CTS Gulf, is the latest expansion of CTS, which has been a leader in the construction industry. As a new branch, CTS Gulf continues the legacy of excellence that CTS is known for, offering comprehensive construction solutions across the Gulf region.
We specialize in turnkey construction projects, including buildings, warehouses, and steel structure tanks, as well as providing services for Floating Roof and Glass Fused to Steel Bolted Tanks. Our commitment to quality, innovation, and global collaboration ensures that every project we undertake meets the highest standards.
As the Gulf branch of CTS, we benefit from the extensive experience and expertise of CTS Egypt, the original entity. CTS Gulf is proud to be the exclusive agent in the Gulf for CTS Group Middle East, manufacturing a variety of tank floating roofs and Aluminum Geodesic domes.
Additionally, we represent Rastafari Steel, providing a wide range of storage tanks and grain storage silos.

Our success is driven by a dedicated team of skilled professionals who excel in delivering tailored solutions, from designing and building new tanks to retrofitting existing ones and engaging in integrated civil and steelwork activities.

CTS Gulf is committed to building strong, lasting relationships with our clients by providing exceptional service and innovative construction solutions.

CTS Gulf is not just a new branch; it is a continuation of CTS's vision to be a global leader in construction, expanding our reach and capabilities to serve the unique needs of clients in the Gulf region.

Message
from The Board of Director

At CTS Gulf, we uphold CTS's commitment to excellence, innovation, PEB, and Hot rolled steel buildings sustainability as we expand into the Gulf region. We specialize in distributing storage tanks, tank service solutions, and grain silos. Equipped with the latest technology, we ensure timely, budget-friendly project delivery and offer customized solutions tailored to client needs.

As the exclusive Gulf agent for CTS Group Middle East and Rastafari Steel, we combine expertise with dedication to provide top-tier solutions. Our success stems from our skilled team's collaborative spirit, ensuring high-quality, innovative projects. Looking ahead, CTS Gulf is set for growth, driving industry advancements with cutting-edge technologies and sustainable practices. We thank our clients, partners, and team members for their trust and collaboration.

Our Vision

At CTS Gulf, our vision is to lead the Gulf region in construction innovation, becoming a benchmark for excellence in steel structure building, advanced safety solutions, and specialized tank services. We aim to drive sustainable development across the region, setting new standards in integrated construction practices while contributing to the future of resilient and sustainable infrastructure.

Our Mission

At CTS Gulf, our mission is to deliver innovative and high-quality construction solutions, consistently exceeding client expectations in every project. We are committed to providing superior steel structures, advanced safety solutions, and cutting-edge tank services across the Gulf region. By fostering strategic partnerships and maintaining a relentless focus on excellence and client satisfaction, we aim to set new industry standards. Upholding the values of integrity, reliability, and environmental responsibility, we strive to be the trusted partner of choice for our clients, ensuring their success through our expertise and collaborative approach. As we expand our presence in the Gulf, our mission remains anchored in delivering value, quality, and sustainable solutions to meet the diverse needs of the construction industry.

1. Human Resource Capacity

• Organization Chart

CTS Gulf Chairman

1-Engineer Department

A-Technical
B-Steel Structure and Tanks Engineer
C-Construction Project Engineers

2-HSE Department

A-HSE Engineer
B-HSE Supervisor
C-HSE Officer
D-Safety Office

3- Financial

A-Financial Head
B-Legal Accountant
C-Accountant
D-Site Accountant

Scope of Services

At CTS, our comprehensive range of professional services is fundamental to the seamless integration of our clients' projects. Our engineering, procurement, fabrication, and construction teams collaborate closely to ensure that our qualified workforce and leadership consistently meet our clients' specifications and requirements. We offer customized processes to align with our clients' scope of work and project execution goals, ensuring a tailored approach to every project we undertake. Additionally, we provide specialized services in Steel Structure, utilizing advanced equipment and expertise to deliver high-quality, robust steel constructions that support the structural integrity and success of each project.

Our Services

1-Building Construction Services.

Building construction services cover commercial, industrial, and residential buildings. They encompass everything from the initial site preparation and foundation laying to the construction of the building and final finishing touches.

2-Civil Construction Services

Civil construction services form the backbone of our infrastructure. These services are focused on designing, building, and maintaining public works like buildings, roads, and utility systems. They also include large-scale projects such as Fences, railways, and A container yard & container terminal services.

3-Industrial Construction Services

Industrial construction services specialize in building structures for manufacturing and other industrial purposes. This can include factories, power plants, and water wastewater plants. These projects often require specialized knowledge and skills due to their complexity and the stringent safety and regulatory standards they must meet

Our areas
of expertise include

Comprehensive civil and steel work services for a range of construction projects.

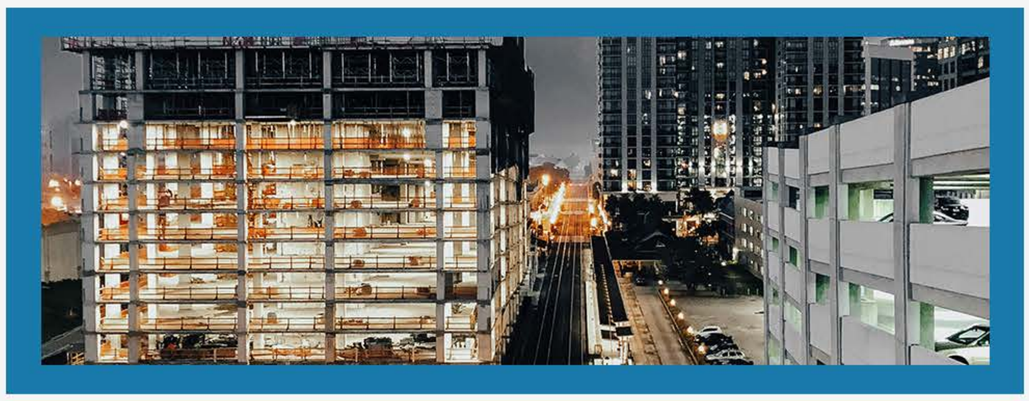
Expertise in retrofitting existing structures, optimizing functionality, and extending the lifespan of facilities

Incorporation of innovative engineering solutions for durability, efficiency, and aesthetic appeal

1

2 Seamless coordination of civil engineering and steel construction to ensure integrated solutions.

3



4 Expert design and construction of steel structures customized to client specifications

5

Comprehensive project management ensuring seamless execution from concept to completion.

Incorporation of innovative engineering solutions for durability, efficiency, and aesthetic appeal

Expertise in retrofitting existing structures, optimizing functionality, and extending the lifespan of facilities.

Expertise in Structural strengthening

6

7 Expert design and construction of steel structures customized to client specifications

8

9 Comprehensive project management ensuring seamless execution from concept to completion.

10

11 Incorporation of innovative engineering solutions in Fabrication, genera, structural, piping, pressure equipment.

12

13 Expertise in High performance coatings and linings

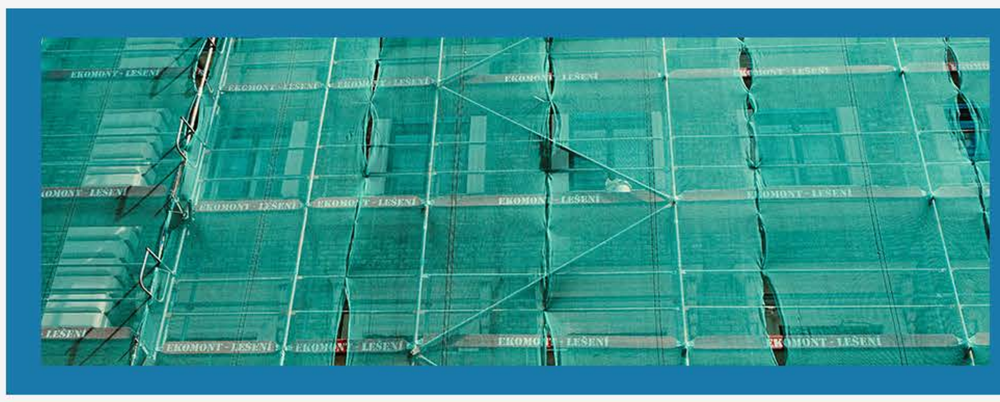
Expertise in Abrasive blasting and protective coating and painting including Road Marking

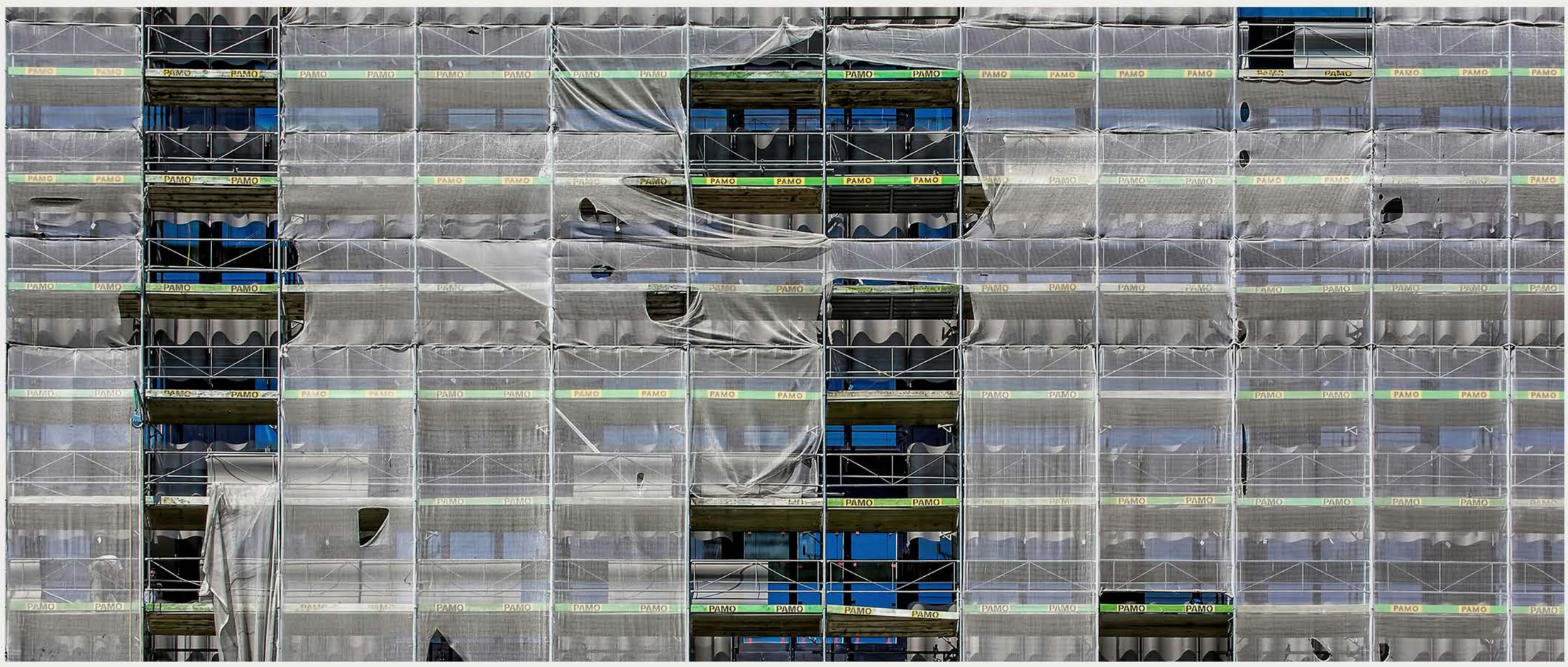
Incorporation of innovative engineering solutions for PVC tends and parking shed area.

14

15 Incorporation of innovative engineering solutions for Steel gates.

16





Tank construction
and Center Tank Services

- CTS has the expertise, methods, specialist equipment and experienced personnel to safely and efficiently undertake the full range of tank services API welded Tanks and AWWA bolted including new builds, relocations, major repairs and rehabilitation and periodic maintenance.
-Suppling and the installation of Glass Fused to Steel Bolted Tanks from 100 m3 up to 20,000 m3 for diverse industrial applications.
- CTS has the capabilities for tank construction using the top down method. This method involves the use of a series of jacks to jack the tank upwards while installing a strake underneath the previously jacked strake.
-Tailored solutions for water storage, wastewater treatment, and other liquid containment needs.
-CTS Supply Grain storage systems which consist of Grain Storage Silos, Handling Equipment, Monitoring Systems, Aeration Systems, and Automation Systems, All types of seeds and grains can be stored We fabricate Silos in the Rostfrei steel facility in New Delhi from Alu Zn /GI Sheets.
-Specialized expertise in the installation of floating roofs for storage tanks.
-Retrofitting standard petroleum tanks and installing a floating roo
-Utilization of various floating roof types manufactured by CTS Netherlands to guarantee quality and reliability.
-Custom solutions to enhance tank efficiency, reduce emissions, and mitigate environmental impact.

5 MEP Services

We’re incredibly proud of our extensive track record in the project management of complex new installations and alteration to existing installations that benefit from our overall experience.

MEP is not exactly a type of project delivery such as Design-Build, but it is a style of project delivery. Mechanical, Electrical and Plumbing (MEP) in a building may account for more than %40 of the total construction cost. Having all three types of MEP work provided by a single contractor has numerous advantages because of areas of overlap as well as natural efficiencies. For example, the heating, ventilation and air condition system requires all three areas of work throughout a large building.

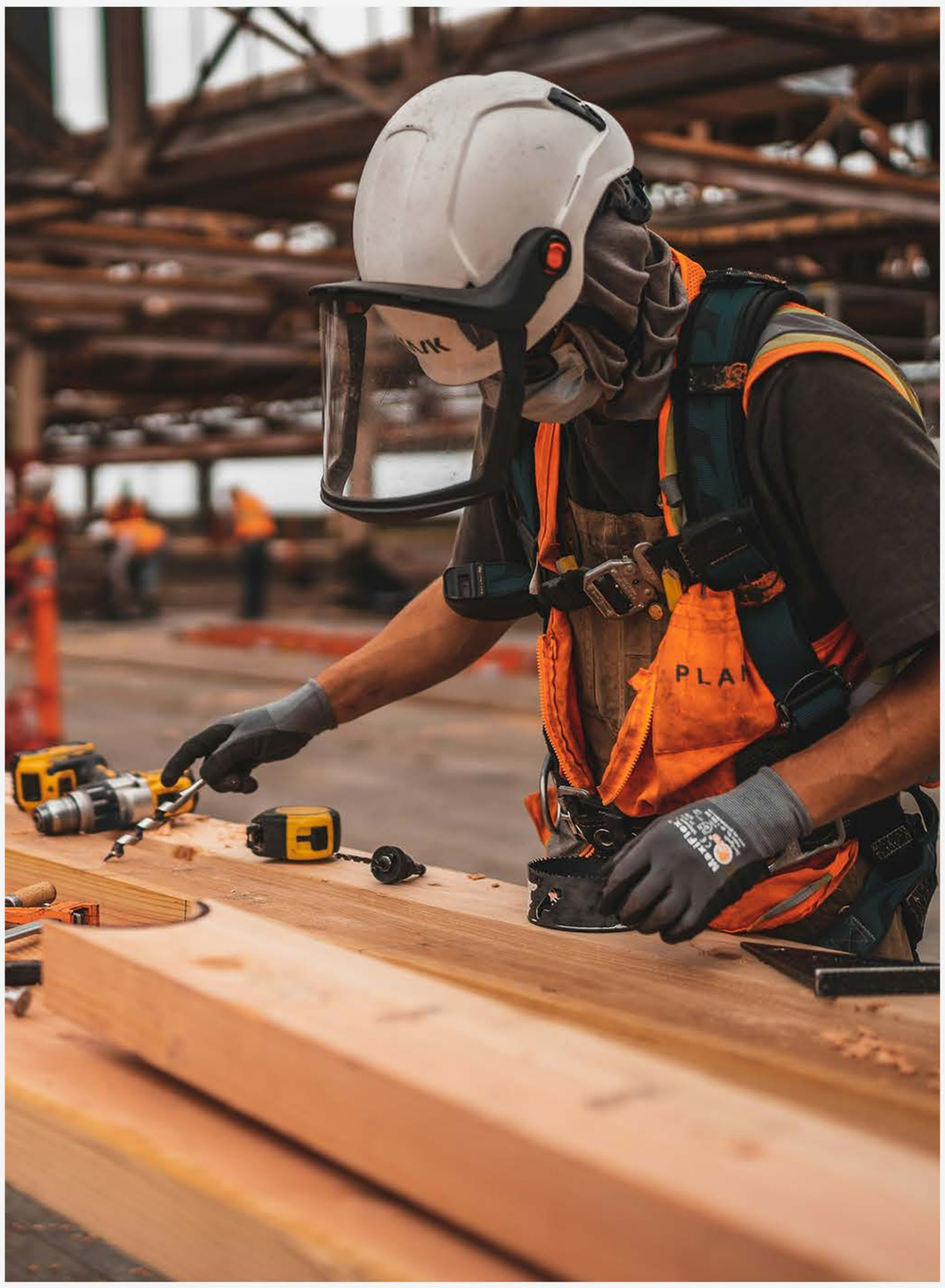
Our areas of expertise include

Plumbing :Our plumbing services team handles all aspects of plumbing, water supply, drainage, swimming pool filtration systems & firefighting works. We are able to provide assessments, recommend alternatives, and thus provide high-functioning systems that meet the client's very specific individual need as well as assisting in conserving natural resources.

- Design & Installation of plumbing, drainage and sanitary System
- Pipes ,Pump and tanks suppling and Installation
- Swimming Pool System.
- Design, Installation and Servicing of Fire Fighting System.

Precision Engineering:
Unleashing the Power of Our Advanced CNC Cutting machine

The CNC cutting machine is a versatile thermal auto-cutting device featuring microcomputer control, precise machinery, and oxygen-acetylene gas cutting. It cuts plates into arbitrary shapes with high precision using multiple torches and ensures uniform heating and cooling to eliminate side-curves.



Key components include:

- Gantry Frame: Box-beam construction with stress relief for stability and compact design.

- Longitudinal and Transverse Drive Systems: Utilizes Japan PANASONIC AC servo drives and SHIMPO reducers for precise movement and stability.

- Cutting Tools: Equipped with transverse and longitudinal torches for efficient and accurate cutting.

- Guide Rails and Structure: High-intensity tracks with precision machining ensure straightness and parallelism.

The machine is designed for high performance with reliable stability and accuracy, making it ideal for complex cutting tasks.

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Structural Principle

CNC cutting machine is a multifunctional thermal auto-cutting device combined microcomputer controlling, precise machinery and oxygen-acetylene gas cutting. Its CNC cutting torch can cut plates in arbitrary shape. Several cutting torches which are used to cut strips are fixed on the other side. As the steel plate can be heated and cooled at the same time,
the side-curve will eliminate once for all.
This kind of machine is composed of a gantry frame, main and secondary longitudinal guide rail, transverse torch (flame), longitudinal strip torch (multi-head) and CNC system. Both driving end and cross beams adopt box-beam welding structure whose stress has been relieved, with compact structure and artistic appearance. The driving of the main longitudinal end beam adopts Japan PANASONIC AC servo driving system and driving epicyclical and Japan SHIMPO decelerator, through rack-and-pinion gearing. At the side of driving end beam fixes horizontal directive wheels which can be used to fasten by adjusting the eccentric shaft,
therefore, the stability and accuracy during the whole moving can be assured. The longitudinal guide ways firmed by pressure plate backing board and connecting sleeve, all made by high intensity track, all the contact surface of track have precision machining and accurate grinding racks are installed outside the guide way. This installation method can guarantee the straightness and parallelism of guide way. The transverse cutting torch fixed on the transverse tool carriage. Its moving also realized by AC servo electric machine made in Japan PANASONIC to drive the epicyclical decelerator made in Japan SHIMPO, then use the way of rack-and-pinion driving.

The illustration of the transverse beam: it is made of box-beam and its wall is thin, it is assembled by sheets and the stress of the whole work piece has been relieved. It featured by light weight, strong toughness, little deformation and artistic appearance. There has a high accuracy guide rail and pinion at the backward of the transverse beam. The transverse driving device uses a big speed radio reducer made by SHIMPO (Japan). It'll drive the whole machine transversely when the export axles rack match with the pinion. The transverse driven device moves synchronously with the driving device through link between the strip and the driving device.

The gantry frame illustration: the main gantry is assembled by sheets and the stress of the whole work piece has been relieved. Both ends have horizontal wheel which can adjust the two sides that are clamped by longitudinal guide rail. It'll play the guiding role when the whole machine moves back-and-forth, and its structure is compact and stable. The longitudinal driving device uses a big speed radio reducer made by Shimpo (Japan), with a tooth space take-up mechanism featured of precise guiding. It'll drive the whole machine longitudinally when the export axles rack match with the pinion of the longitudinal guide rail.

Longitudinal gauge: it is mainly made up of gauge and rack. The gauge made of 24kg steel which has been processed is installed at the beam along which the machine will move longitudinally.

Gas path illustration: longitudinal and transverse cable and gas pipe all adopt the engineering plastics chain produced in Korean conduct.

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Technique Parameter

• Transverse gauge	4000mm
• Effective cutting width of strip torch	3200mm
• Track length	1500mm
• Effective cutting length	12500mm
• Cutting speed	100-50mm/ min
• Free running speed	<=6000mm/min
• CNC flame cutting torch	1Set
• CNC plasma cutting torch	1Set
• Flame straight cutting torches	5Set
• Thickness of plate	70-6mm (single torch 100mm)
• Cutting gas	oxygen, acetylene or propane
• The whole power	0.4KW
• Driving way	Japan whole digital vector AC servo motor double driving

Electrical control Parts

The electrical control parts of CNC cutting machine is composed of CNC, electrical and servo systems; the main parts of the control system in CNC cutting machine are famous brands at home and abroad. Modularization structure is adopted by the system; the advantage of this kind of structure is that wiring is simple, rational, proper and easy repair. The adoption of large scale of integrated circuit makes the machine smaller and stable.
Man-machine dialogue can be realized easily in the system, featured by several input ways and easy operation. It also can program automatically with PC machine. For all these advantages, this machine provides more convenience for the users, and save much more time, also ensures the running reliability of the system.

Electrical
control Parts

1-Beijing starfire CNC System
SF-2300 Beijing Starfire CNC system adopts industrial grade ARM7 main processing chip;
The system provides 16 optically isolated inputs and 14 optically isolated outputs;
Number of axes: 2 axes, can be extended to 4 axes;
Pulse equivalent: electronic gear numerator, denominator setting range (1 to 65535);
User program memory space: 16M ~ 32M;
Chassis Dimensions: 410 x 310 X 119 (mm);
Operating temperature 0 °C~+40 °C;
Storage temperature -40 °C~+60 °C

Environment

- Operating temperature:

0 °C ~ 50°C

Storage temperature:

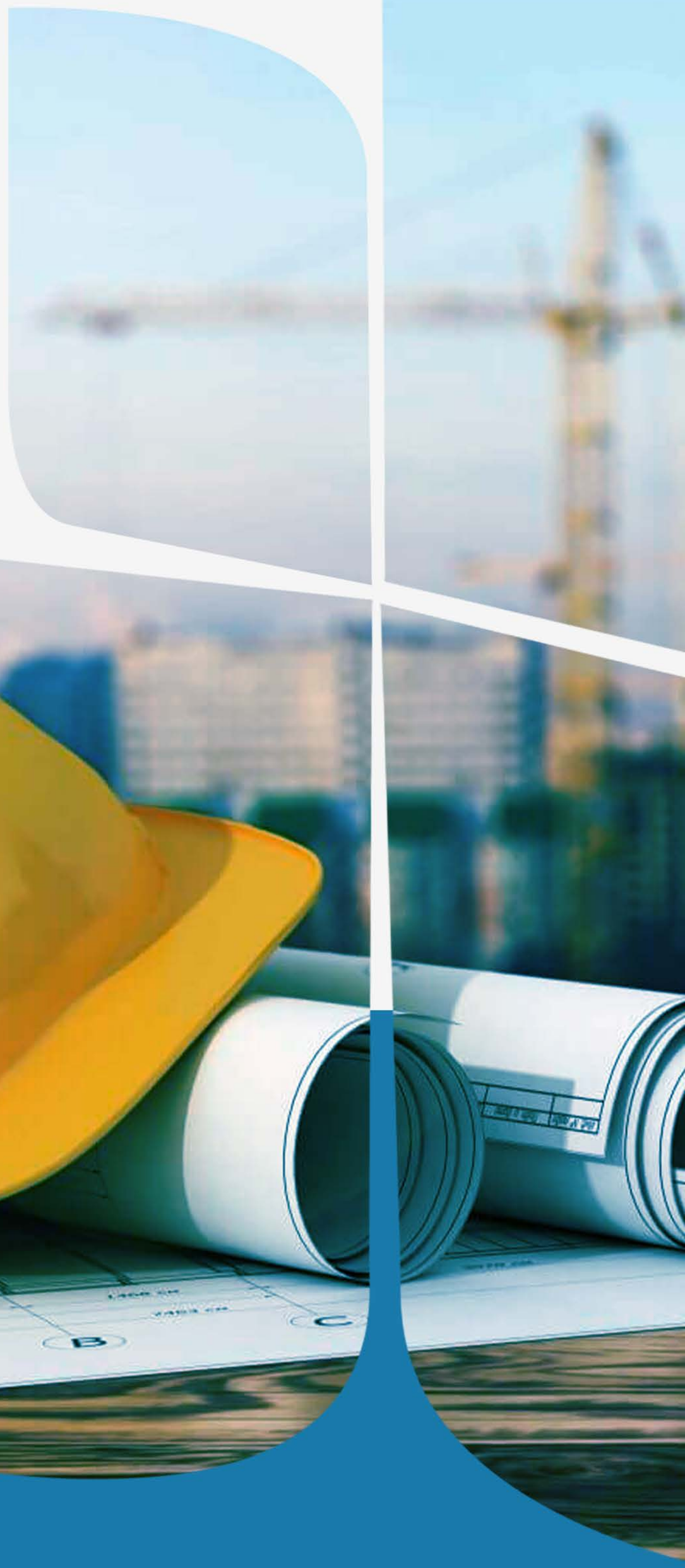
-40 °C ~60 °C

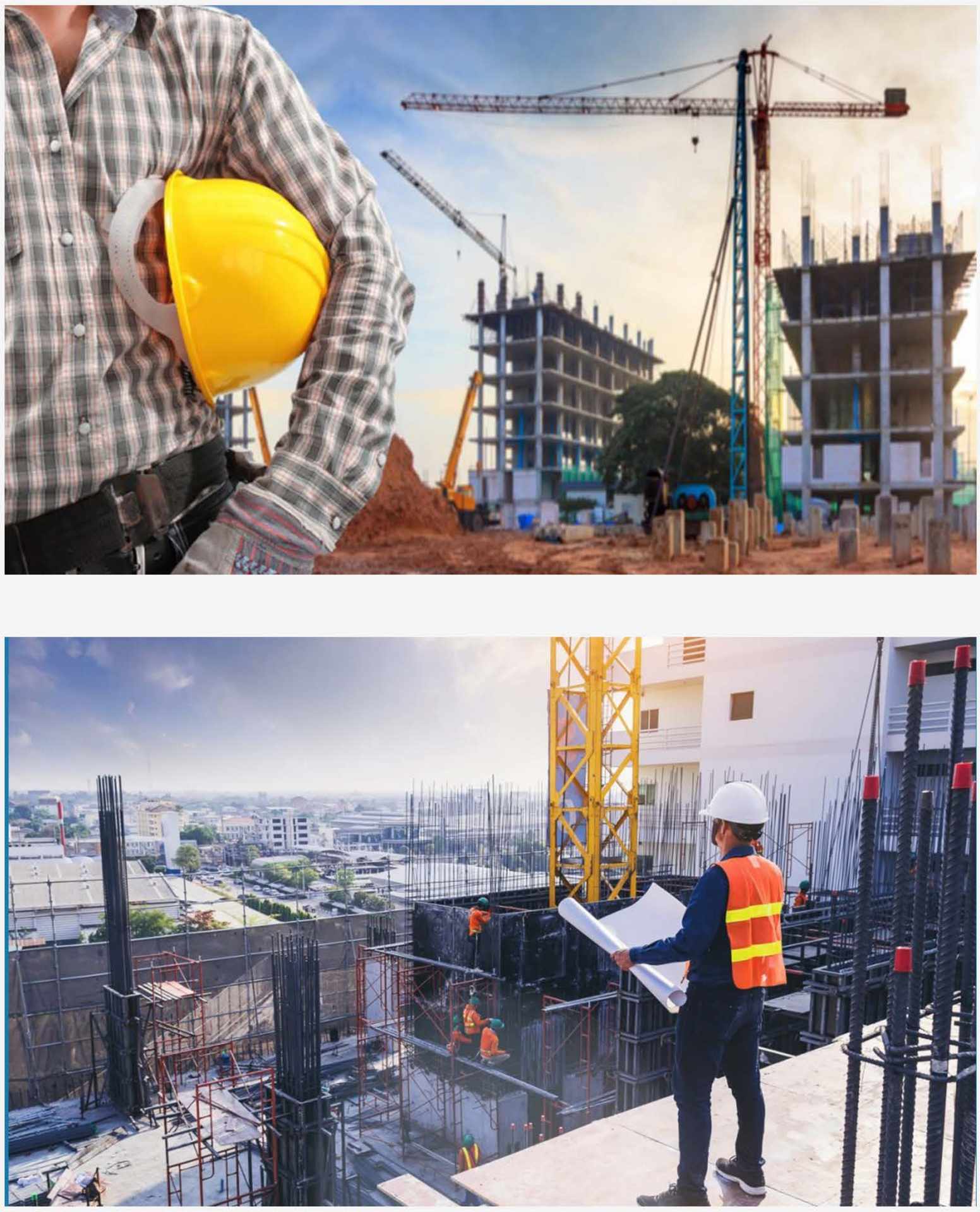
- Relative humidity:

40 ,%90~%5 °C no condensation

- Anti-vibration:

17-5Hz, 0.1 "double amplitude displacement; 640-17Hz, 1.5G peak - peak acceleration coefficient I shock: 10G acceleration shock (11mesc, duration) of the control system is a universal cutting machine CNC system designed for shape cutting machine the design. use MFC VC++ and technology, people-machine interface more user-friendly, so that the operating system is more convenient to use.



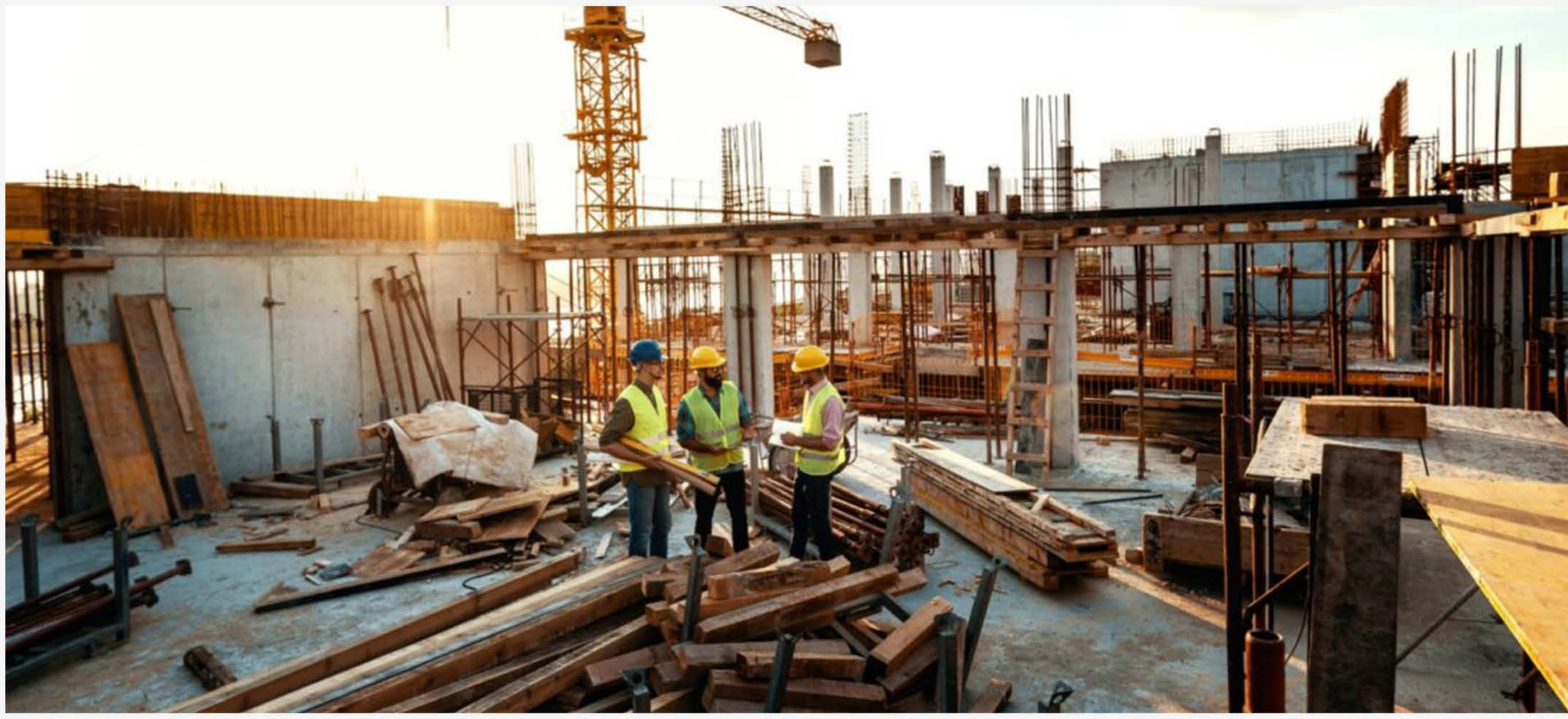


2-Japan Panasonic servo system

Panasonic whole digital vector AC servo system:

- AC servo motor has small volume, big output torque, quick response, adopted incremental pulse coder as the position feedback and speed feedback component, convenient installation and beautiful appearance.
- The driver adopted whole digital, power and control logical conformity modular structure. Wide range, simple wiring, stable performance and convenient operation
- Whole software parameter set, including increment, time constant, zero drift compensation, speed-up or down, torque limit, position feedback change and auto increment adjustment to guarantee the response, precision and stability of machine.
- It has protecting function of over current, over voltage, under voltage, over speed and limit.

3-Japan SHIMPO
ABLE reducer Features



1/It is one of super-silence reduce .Because the tilt gear instead of the line gear wheel and can decrease %10. wheel
2/This motor have precision position (less than 0.050) and show high precision motor features, thus can fully exhibit high-precision servo motor's capacity.
3/ Lower-pulse rotating. The bevel gear can realize low pulse smooth rotation, and it is usually used in medical field and pump.
4/22mm (D period 750w) can make the machine light and convenient. Angle size is 98mm (while other companies are120mm). The small sized decision can work well with light and smaller servo motor.
5/Have good assembly circumstance that can improve the quality of products.
6/Freely installation. The long-life lubricate oil don't need to exchange. And have closed structure to make installation work free. 11:09
7/Have functions of prevent oil leak. The cover has been dipped-treated, air-leaking treatment, this can fully oil-prevented.
8/Follow IP65 waterproofing requirement, have waterproof measure, so it can use in any circumstance.

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4-Auto-ignition device

It is composed of lighting torch, ignition cable, gas soft tube and fixed frame. One end of ignition cable connects with lighting torch, another end connect with ignition controller; one end of gas soft tube connect with lighting torch, another end connects with gas source (center gas collecting pipeline), on and off of gas is controlled by electromagnetic valve, the fixed frame fix the lighting torch beside single cutting torch. The ignition procedure is controlled by ignition button on the operation table, when press the ignition button, the lighting torch light up and then firing cutting torch.

5-Capacitive
auto-height regulator

Capacitive auto-height regulator system is suitable for flame cutting, when making the flame cutting, the surface of the plate and the torch should keep the distance, with this system that will make sure the cutting quality. Because plate surface is not parallel with the horizontal, and the surface of the plate is also not smooth, meanwhile, different plate have different distance between the plate surface and torch .So in order to make sure the cutting quality, it should match the auto-height regulator system.

Discover our journey

through our completed projects that showcase our commitment to excellence

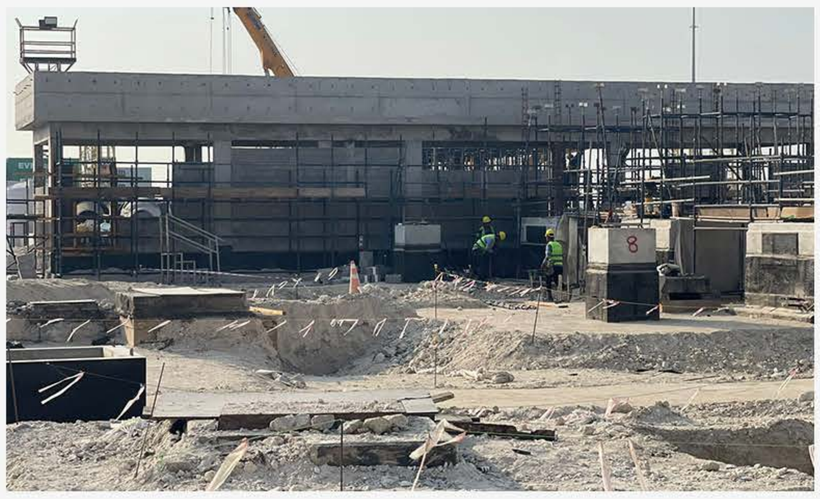
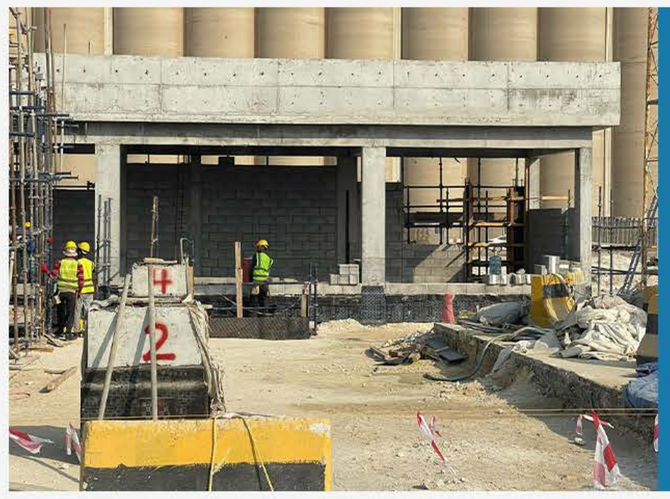
1.Relocation of CFS Warehouse & Rearrangement of BGC Area

-Client: DP World SOKHNA Port
-Scope of work: Relocation of a CFS warehouse, including the dismantling of existing facilities, demolition of old structures, excavation, construction of new foundations and structures, reassembly of the warehouse, and installation of infrastructure.
-Dismantling: Removal of existing oil tanks, workshop, fences, and gates.
-Demolition: Demolition of unusable structures, such as pavements and slabs on grade.
-Excavation: Excavation of soil to required foundation level, including shoring, dewatering, and compaction.
Soil Replacement: Replacement of soil with imported material, if necessary.
-Soil Backfilling: Backfilling of excavated areas with suitable material.
Foundation Construction: Construction of foundations, ground beams, pedestals, retaining walls,slabs on grade.
-Warehouse Reassembly: Reassembly of the dismantled CFS warehouse, including maintenance, repair, finishes, utilities, and replacement of damaged parts.
-Infrastructure: Construction of pavements, walkways, and all infrastructure (wet and dry utilities) around the CFS.
-Access Road: Construction of an access road to the CFS, including level adjustments.
-Fencing and Gates: Installation of fencing and access gates.
-Fiber Cable: Supply and installation of fiber cable from the control room to the CFS store.

2-GATE-23 & OCR Gate - King Abdulaziz Port

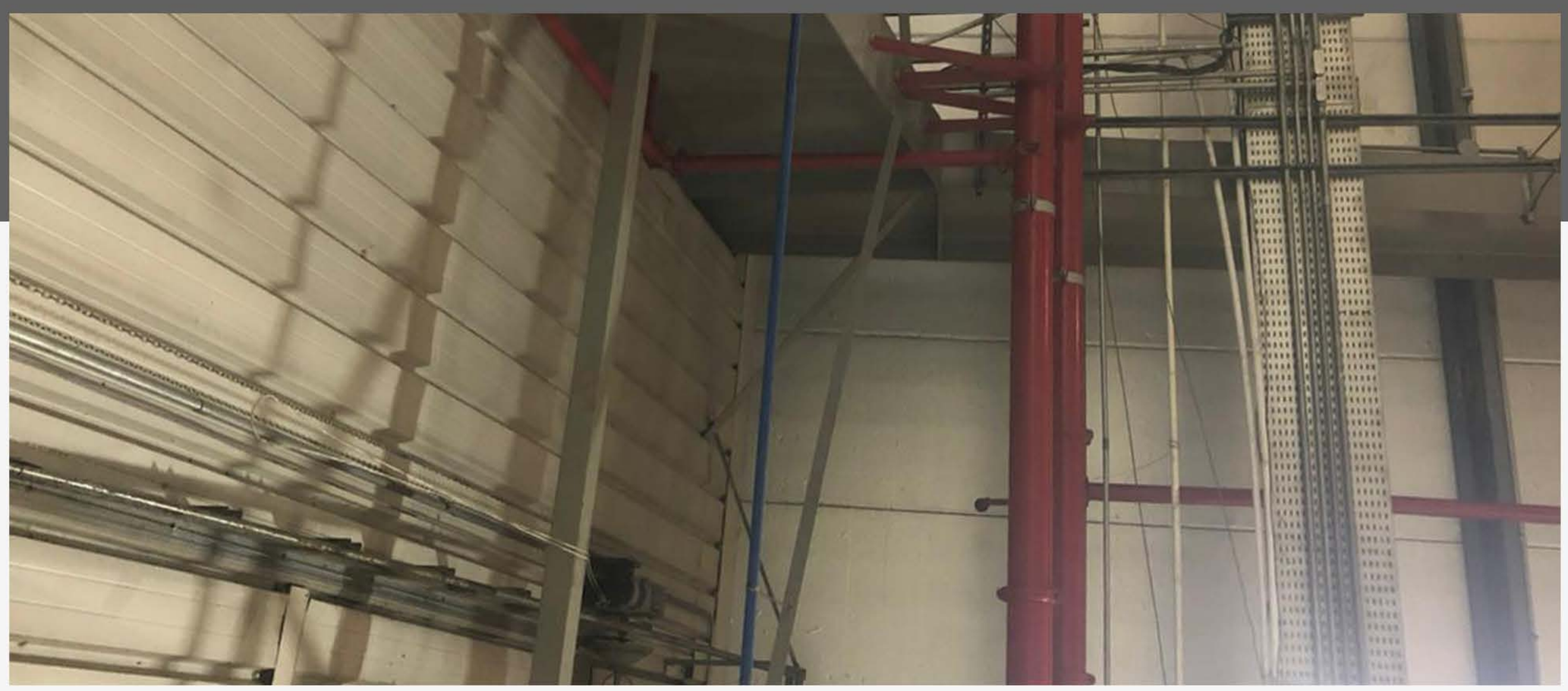
-Client: CHEC - Consolidation Works at First and Second Container Terminals, King Abdulaziz Port

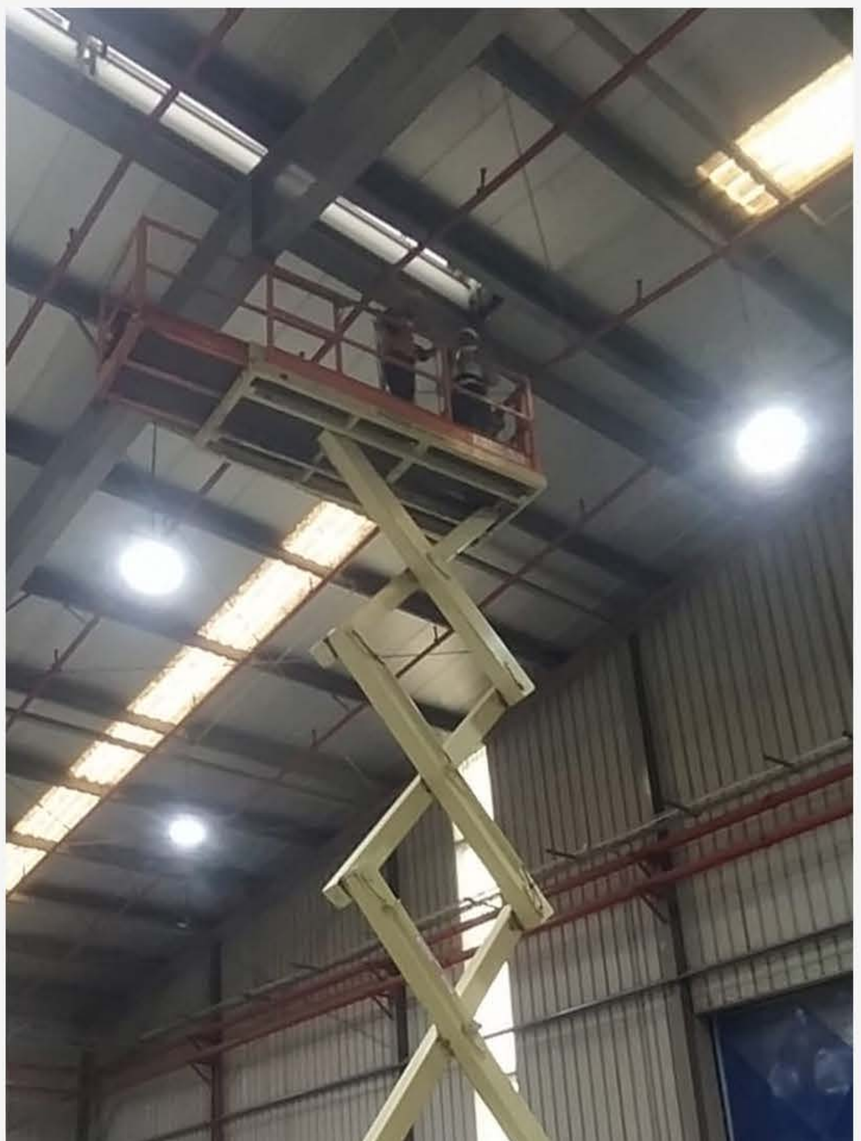
-Project Overview
The GATE-23 & OCR Gate project involves the construction of two new gates at the King Abdulaziz Port. The gates will serve as critical access points for the port's operations.
-Scope of Work
• Groundwork: Excavation, filling, concrete foundations, and structural elements.
• Steel Structure: Fabrication and installation of steel frames, roofing, cladding, and other components.
• Electrical Systems: Installation of power distribution, lighting, and control systems.
• Communications & Security: Implementation of data transmission, access control, and fire protection systems.
• Plumbing & Mechanical: Installation of water supply, drainage, HVAC, and other mechanical systems.
• Sub-Structure: Construction of brick/block walls, roofing, stairs, and interior finishes.
Project Objectives
• Enhance port efficiency and security.
• Improve access and traffic flow.
• Support the expansion of port operations.
• Provide a modern and sustainable infrastructure & superstructure.
Key Deliverables
• Two fully functional gates with all necessary infrastructure & superstructure.
• Safe and efficient access to the port.
• Improved security measures.
• Enhanced port capacity and operations.

3-Dismantling of CFS warehouse steel structure and MEP System

-Client: DP World SOKHNA Port
-Scope of work: Dismantling of a 4250 square meter CFS warehouse, including steel structures, MEP systems, IT networks, and repair of linked utilities.
-Structural Dismantling:Removal of all steel structures, including beams, columns, and cladding.
-MEP System Removal: Dismantling of electrical, plumbing, and HVAC systems.
-IT Network Removal: Disconnection and removal of all IT infrastructure, including cables, servers, and networking equipment.
-Utility Repair: Repair or replacement of any damaged utilities connected to the warehouse, such as water lines,sewer pipes or IT.





4-Rafah Sewage Treatment Plant Project

-Client: Forces Engineering Authority
-Scope of work: Construction of A Sewage Treatment Plant in The New City of Rafah with Capacity of 3000 M3.

5.Sewage Treatment Plant Project

-Client: Concord -Port Saied
-Scope of work: GLS installation
-Project details: Construction of A Sewage Treatment Plant in The New City of Rafah with Capacity of 17000 M3.

6.El Mansoura Sewage Treatment Plant Project

-Client: Armed Forces Engineering Authority
-Scope of work: GLS Tank
-Project details: Construction of A Sewage Treatment Plant in El Mansoura with Capacity of 600 M3.

7.Feeding Factory In RAK

8.Feeling Factory In AL Ain

9.Metal Construction In RAK

10.Cloths Factory In Ajman

11.Plastic Factory In AL Ain

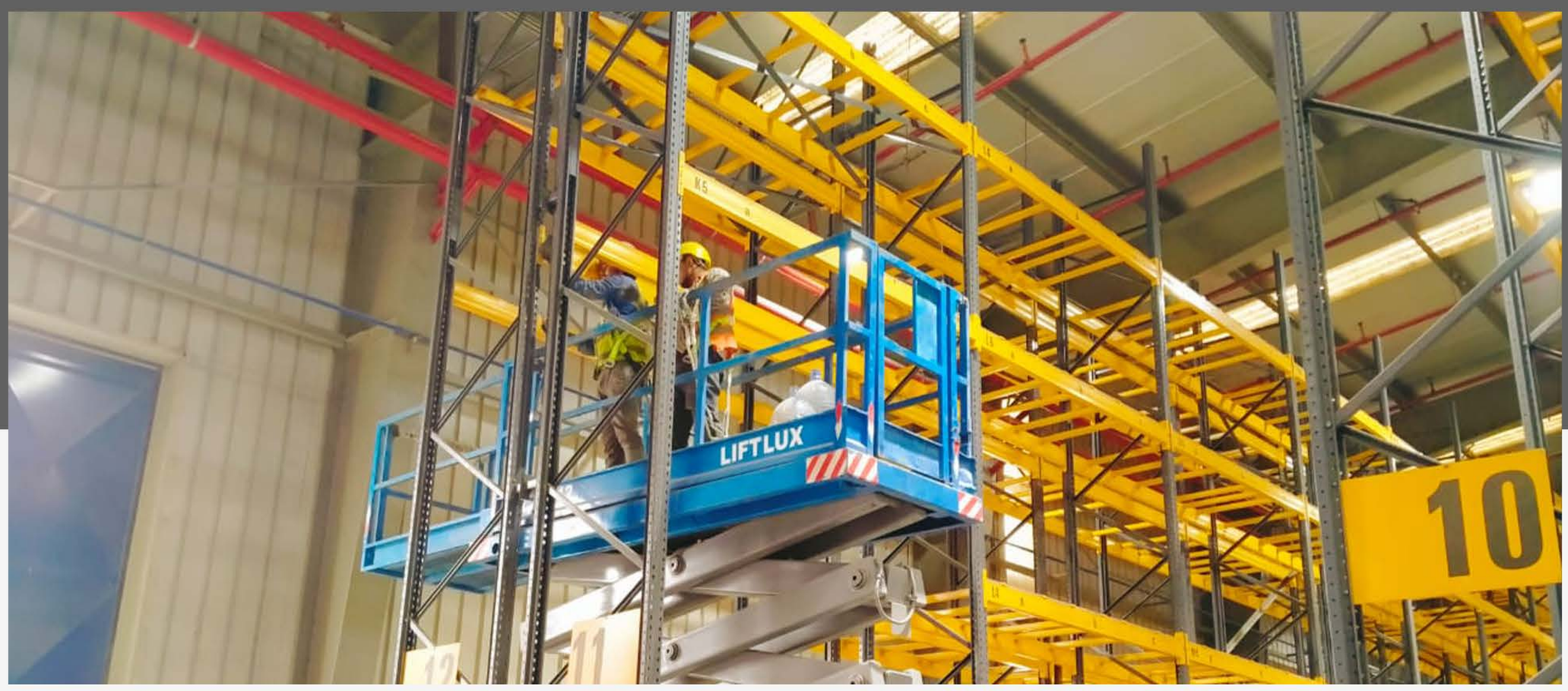
12.Plastic Factory In Dubai

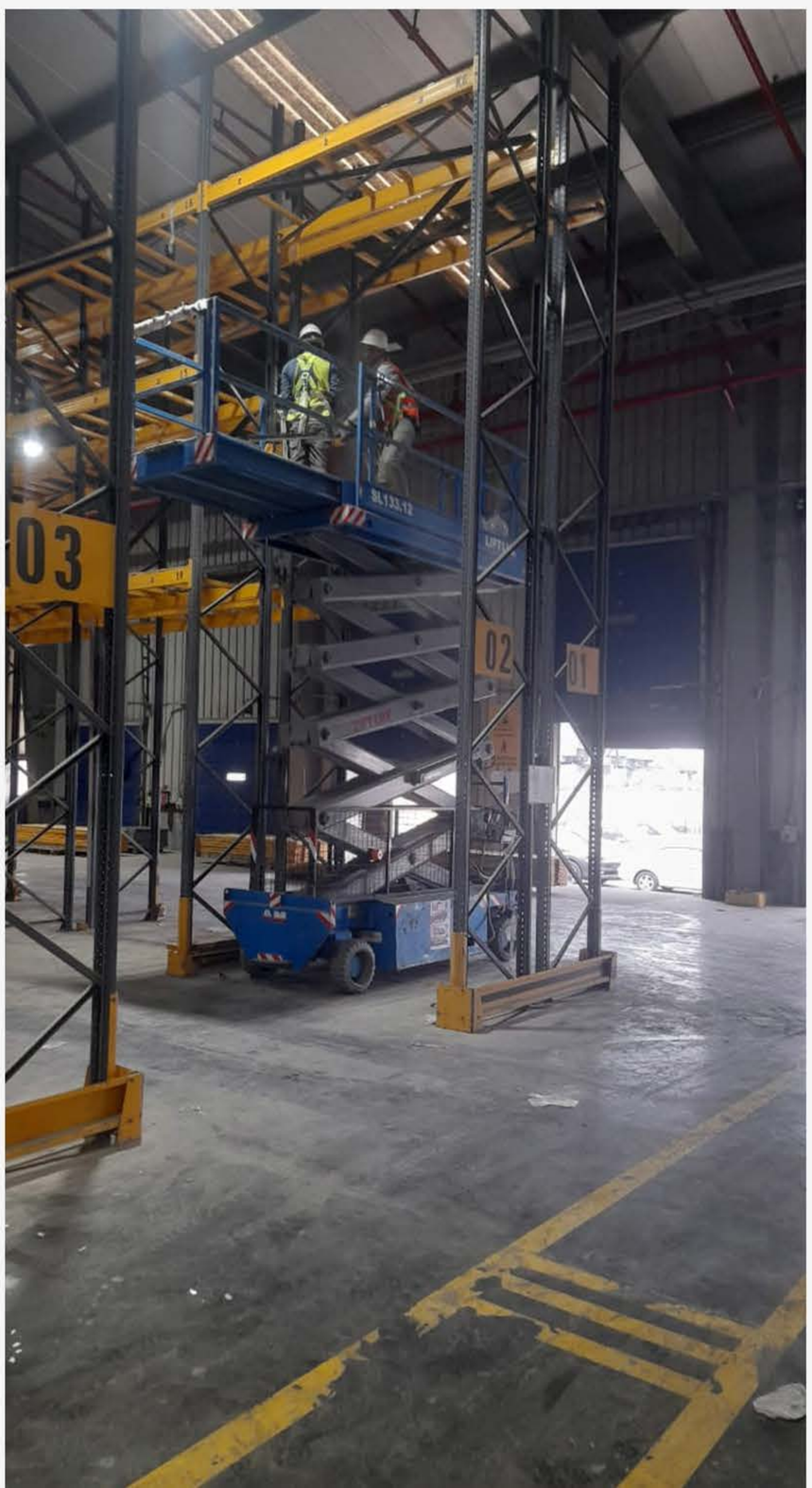
13. ADNOC

-Client: ADNOC
-Project: Fabrication and Installation of Steel Structure for 2 Frames in ASAB Field (Abu Dhabi)
-Scope of Work:This project entails the design, fabrication, and installation of two steel frames in the ASAB field in Abu Dhabi. The combined area of the two frames is approximately 2200 square meters.

14.Relocation of Storing Pallet Rack system

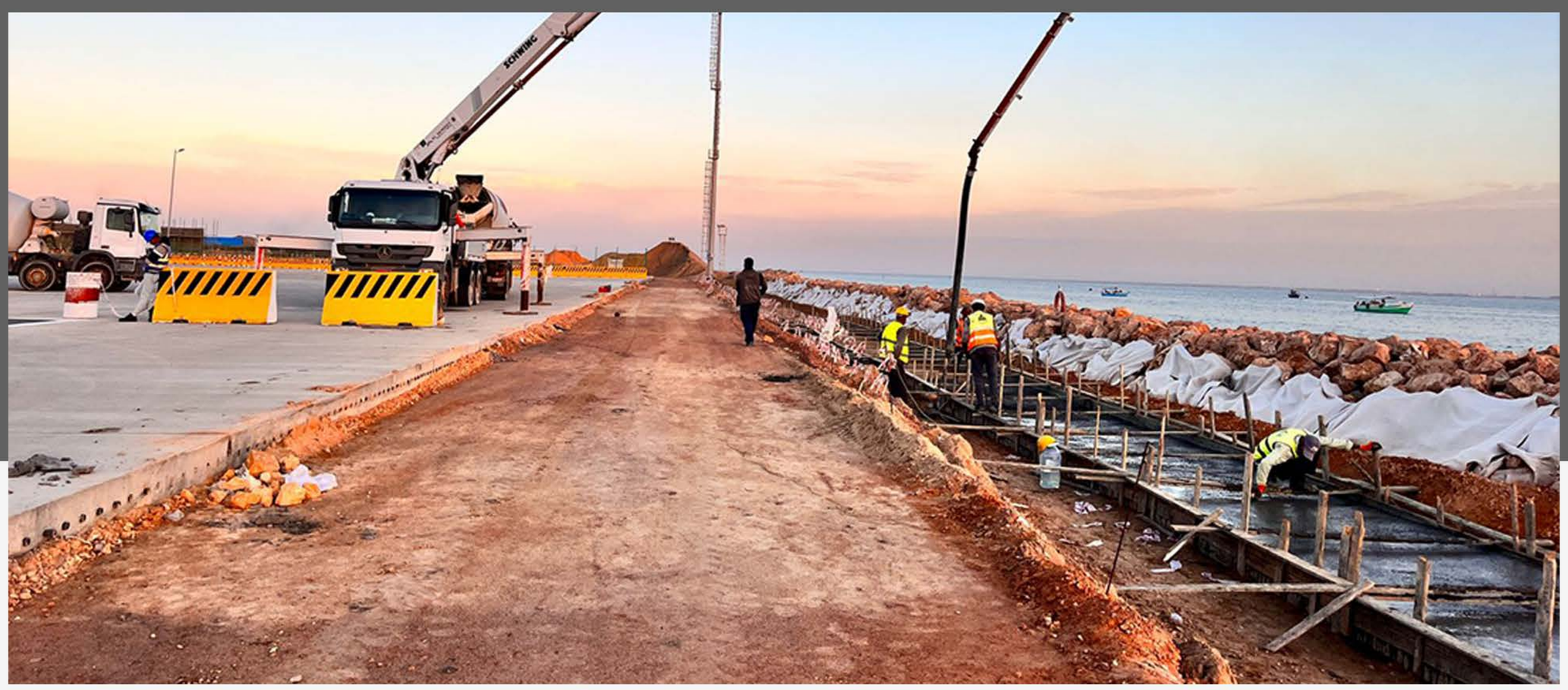
-Client: DP World SOKHNA Port
-Project details: Dismantling and Re erection for 198 XL bay each bay contains 5 beams level.
first two levels with shelf Panel, and the other three levels with shelf cladding support.

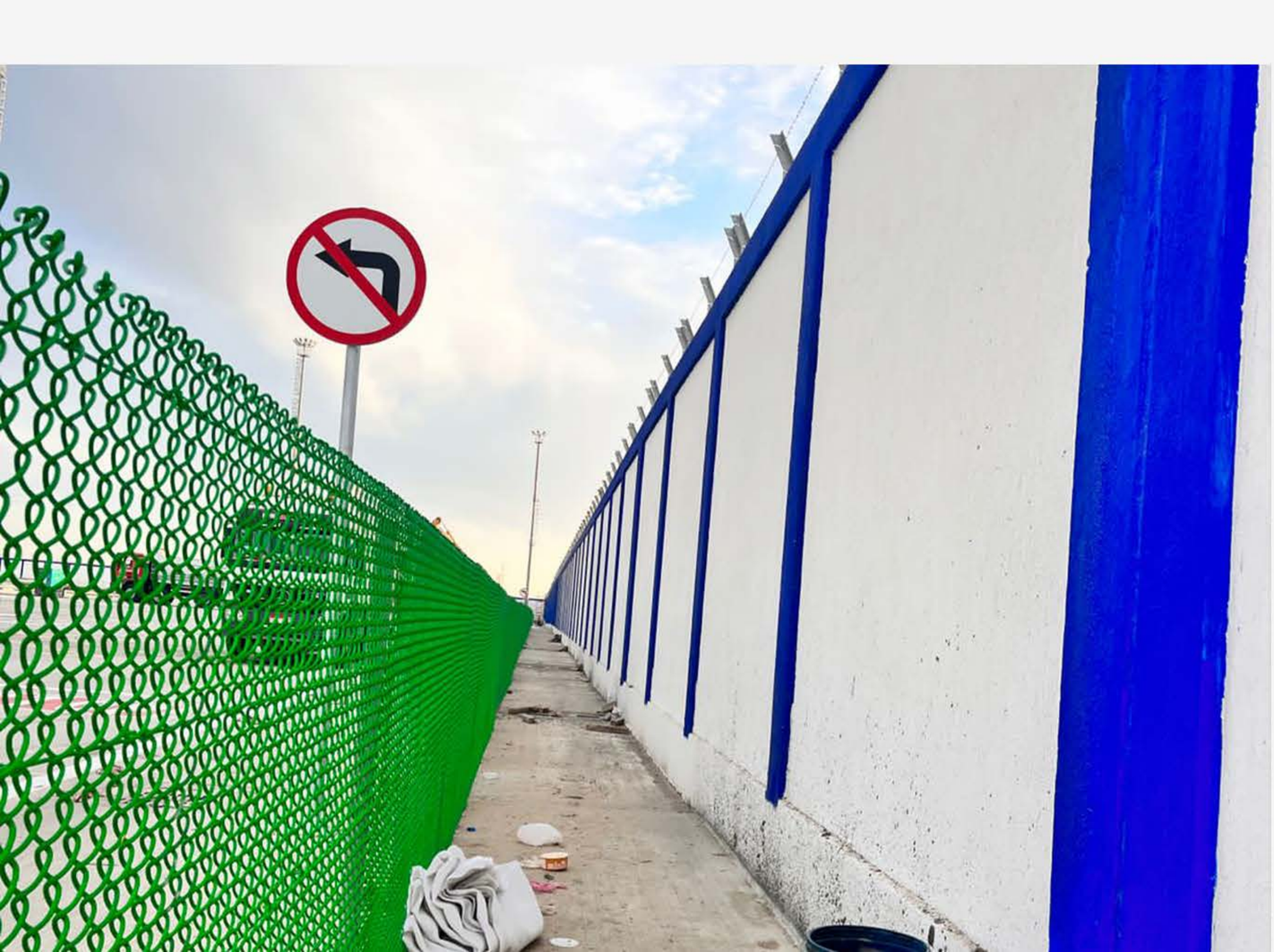


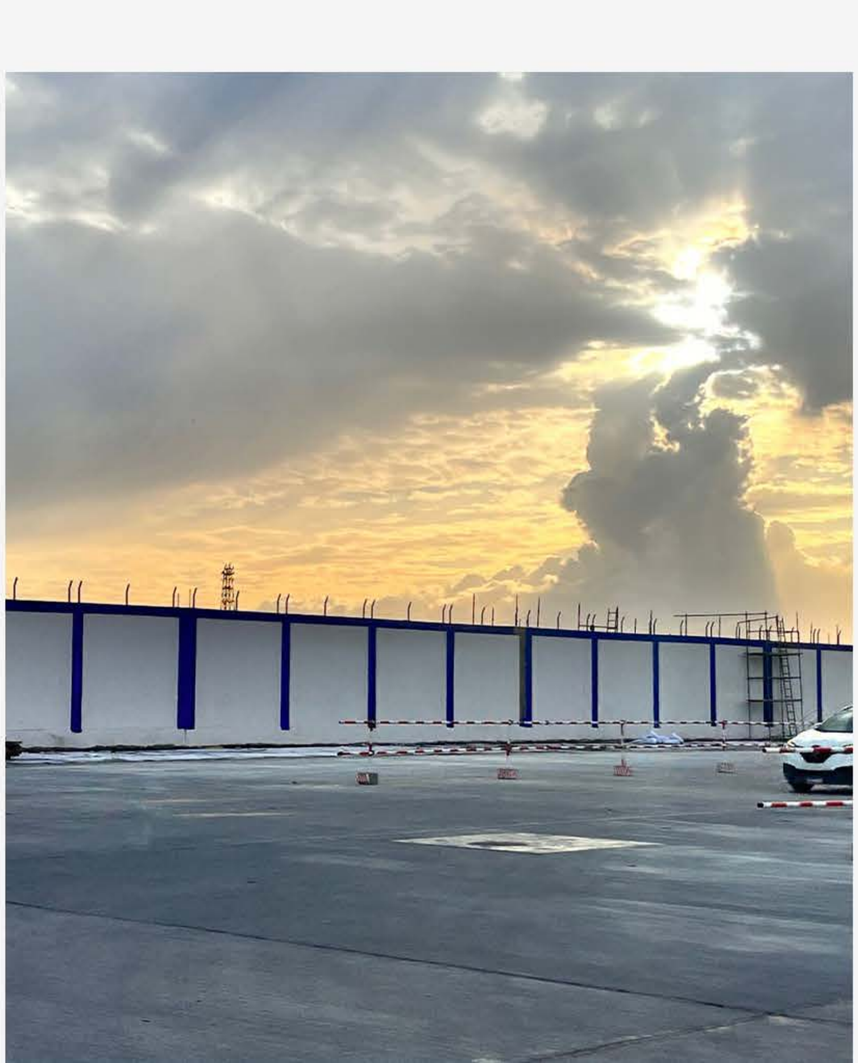


15.External Fence for Abukir port

-Client: CHEC in Hutchison Ports Abu Qir Container Terminal
-Scope of Work: Civil works and finishing
-Project details: Construction for 2500ml external fence (Concrete and masonry with plastering and acrylic painting)

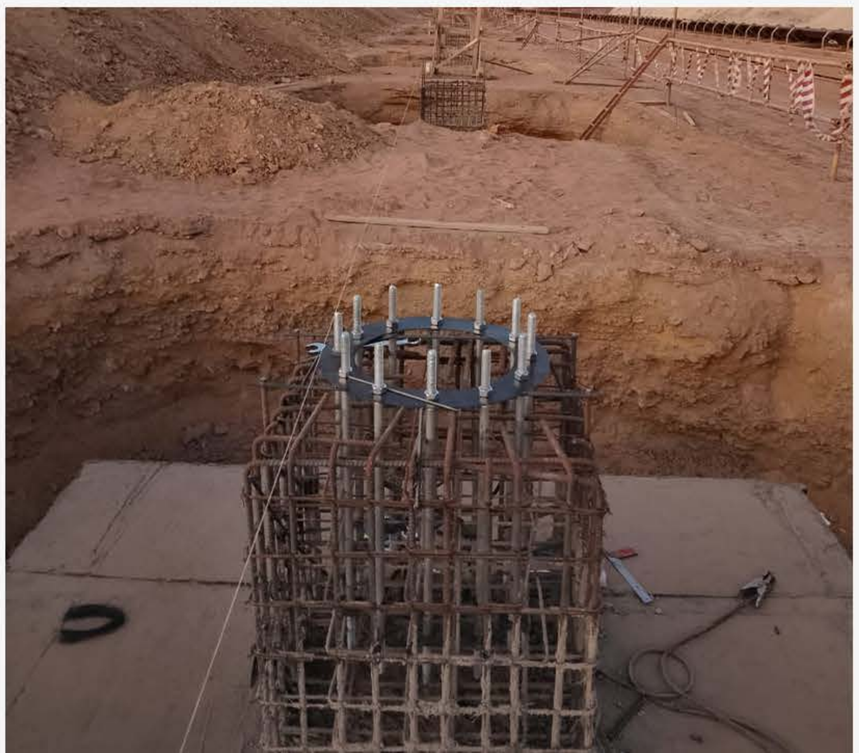






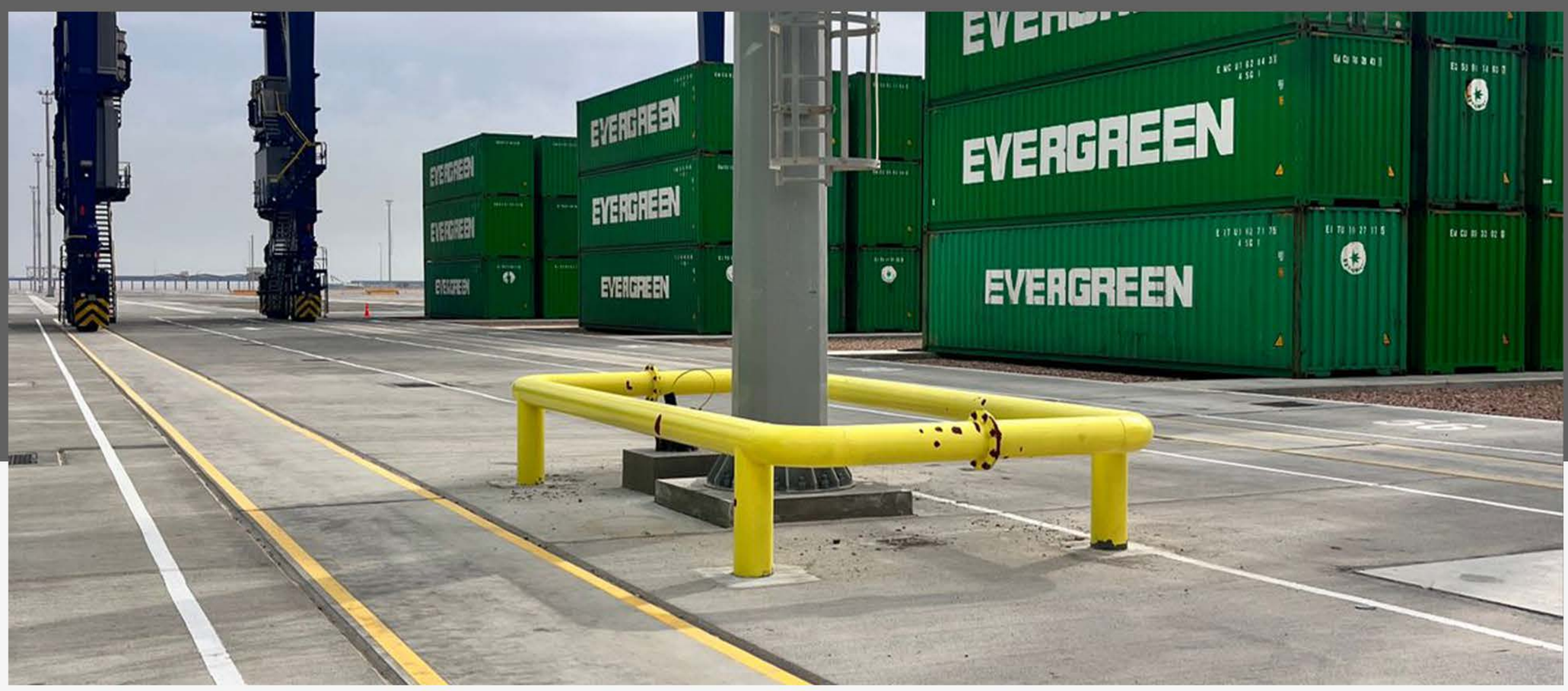
16.Steel and Civil Works for Wind Fence Installation

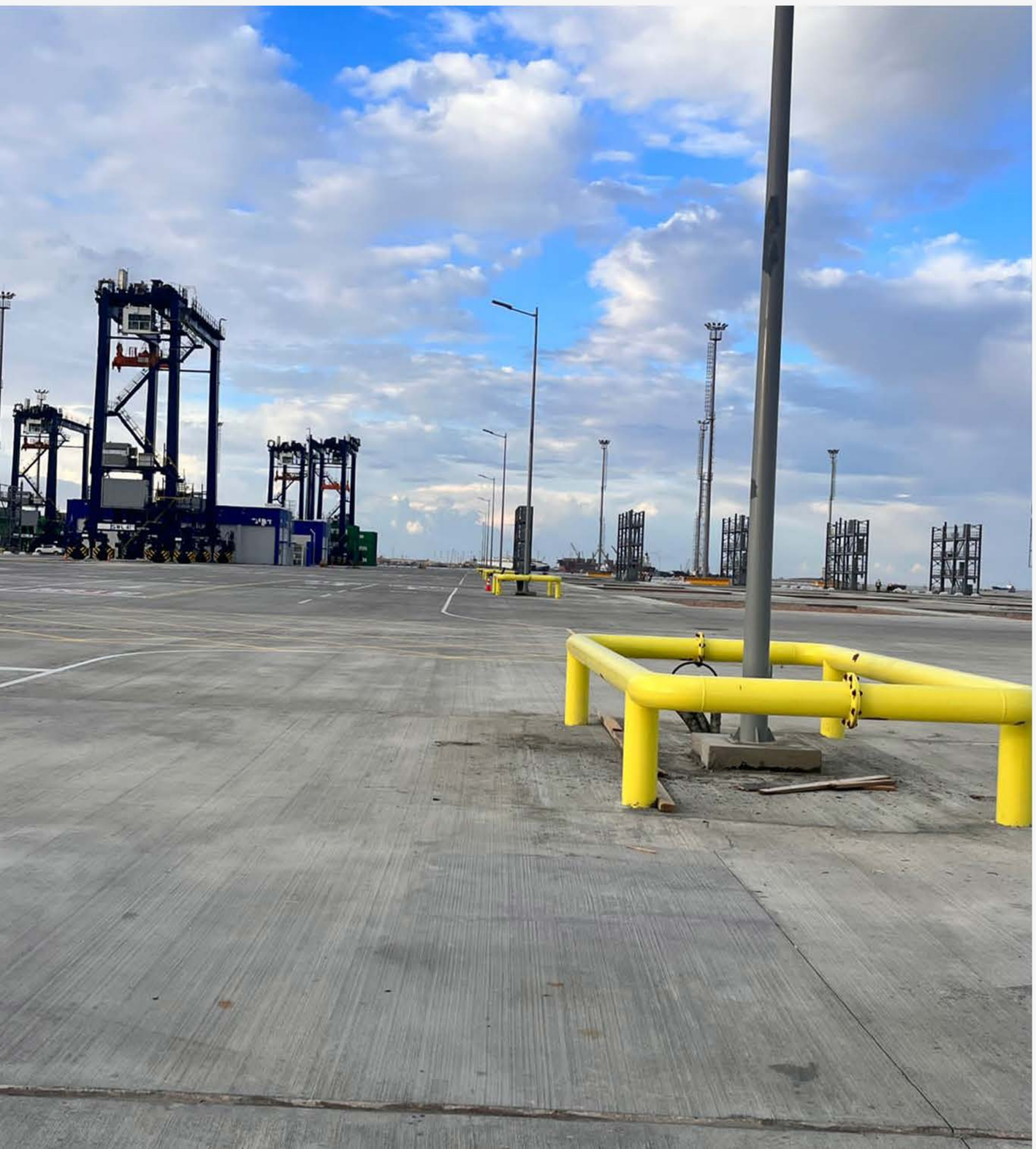
-Client:Lafarge Cements
-Project Objective:To reduce fugitive dust by %95 at the Lafarge Cements factory.
-Scope of Work:Steel Structure Fabrication: Design, manufacture, and supply of steel structures for the wind fence.
-Civil Works:Site preparation, excavation, foundation construction, and installation of the steel structures.
-Key Deliverables:A fully functional wind fence system capable of effectively reducing fugitive dust emissions by %95.
Completed civil works, including foundations and site preparation.
High-quality steel structures that meet industry standards and specifications.
-Project Benefits:Significant improvement in air quality and environmental impact.
Compliance with environmental regulations and standards.
Reduced health risks for workers and local communities.
Potential cost savings from reduced fines and penalties.
Positive public image and enhanced reputation for Lafarge Cements.

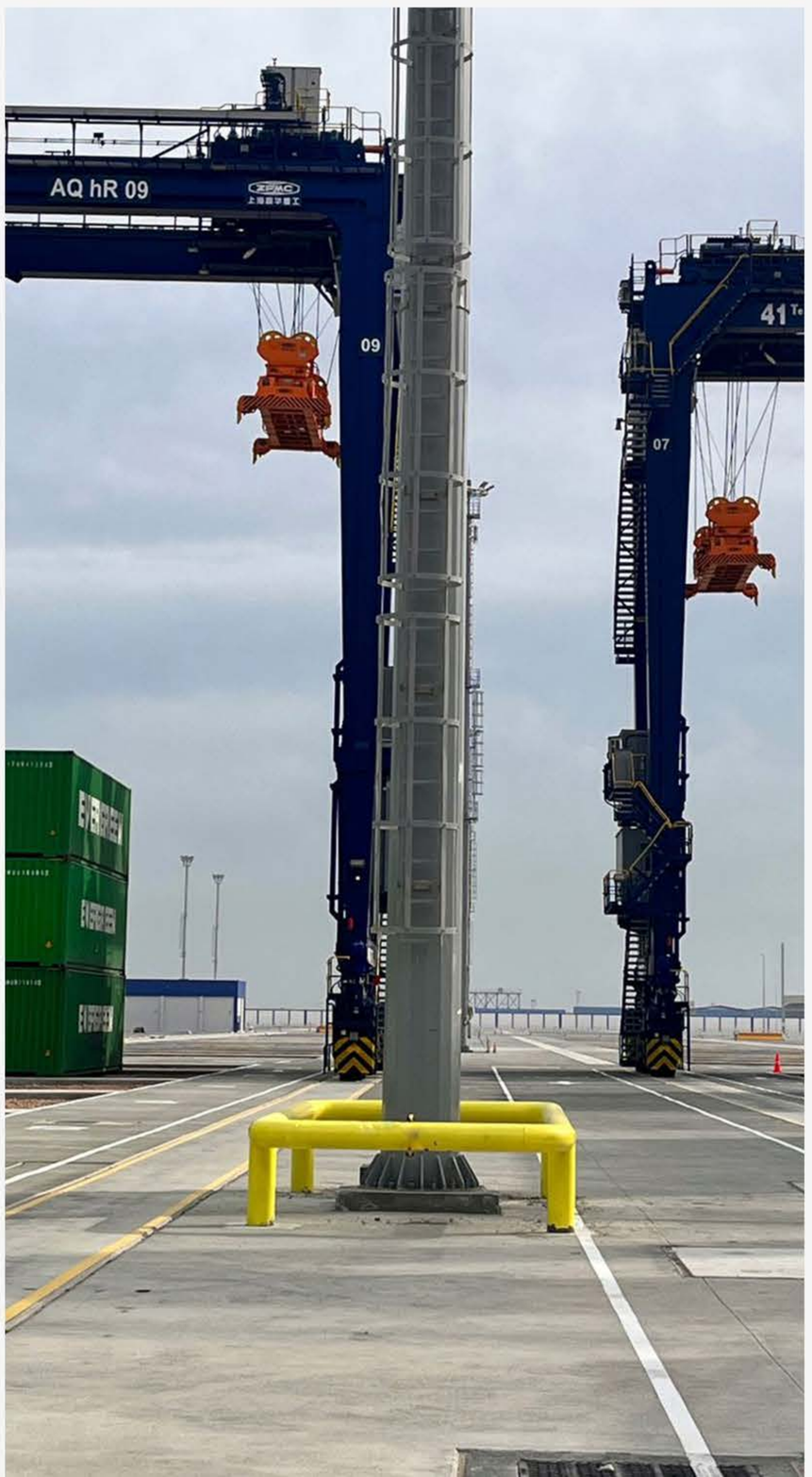


17.Supply and Installation of High-mast steel barriers

-Client: CHEC in Hutchison Ports Abu Qir Container Terminal
-Project: Supply and installation of High-mast steel barriers
-Details: Design, Fabrication and installation of high-mast steel barriers with Diameter 8 inch, a concrete casted into the steel pipes to provide weight for barriers to protect the port high-masts.





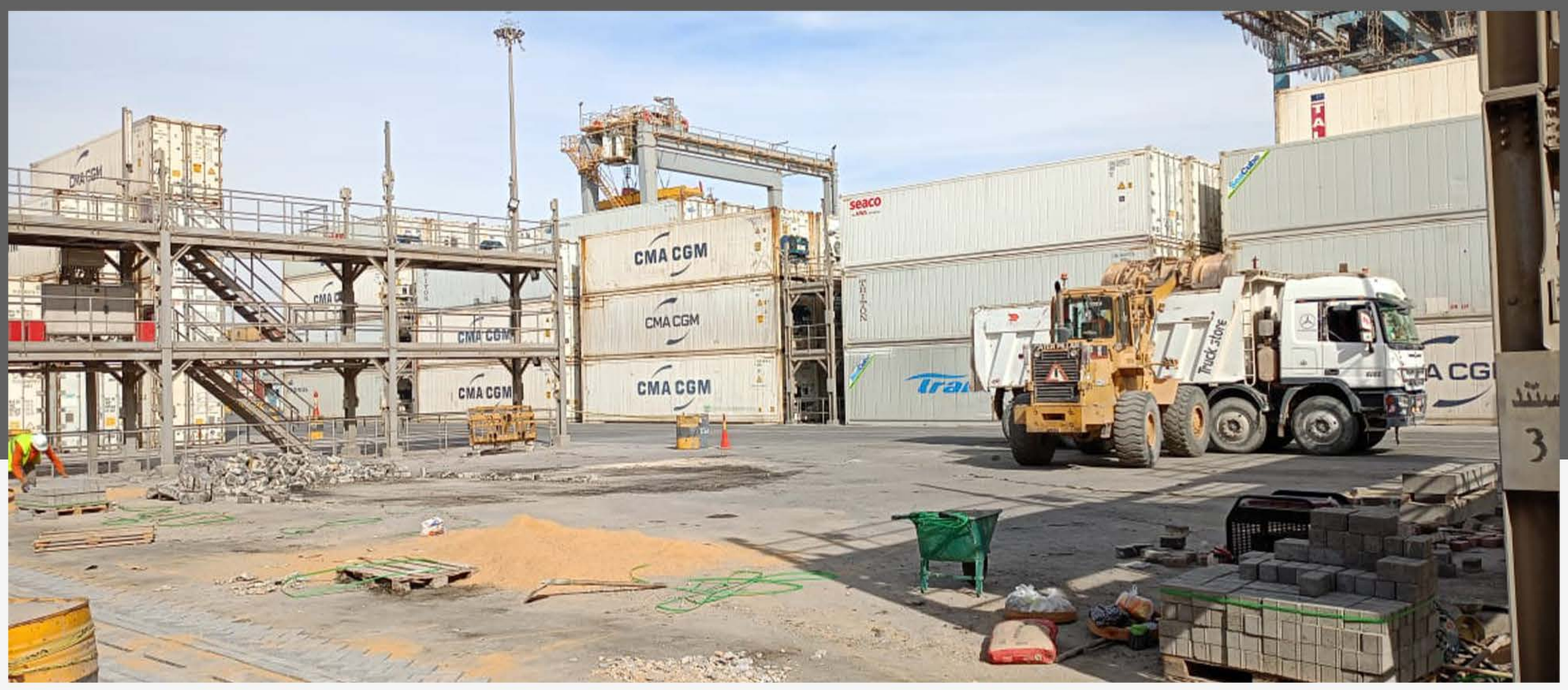


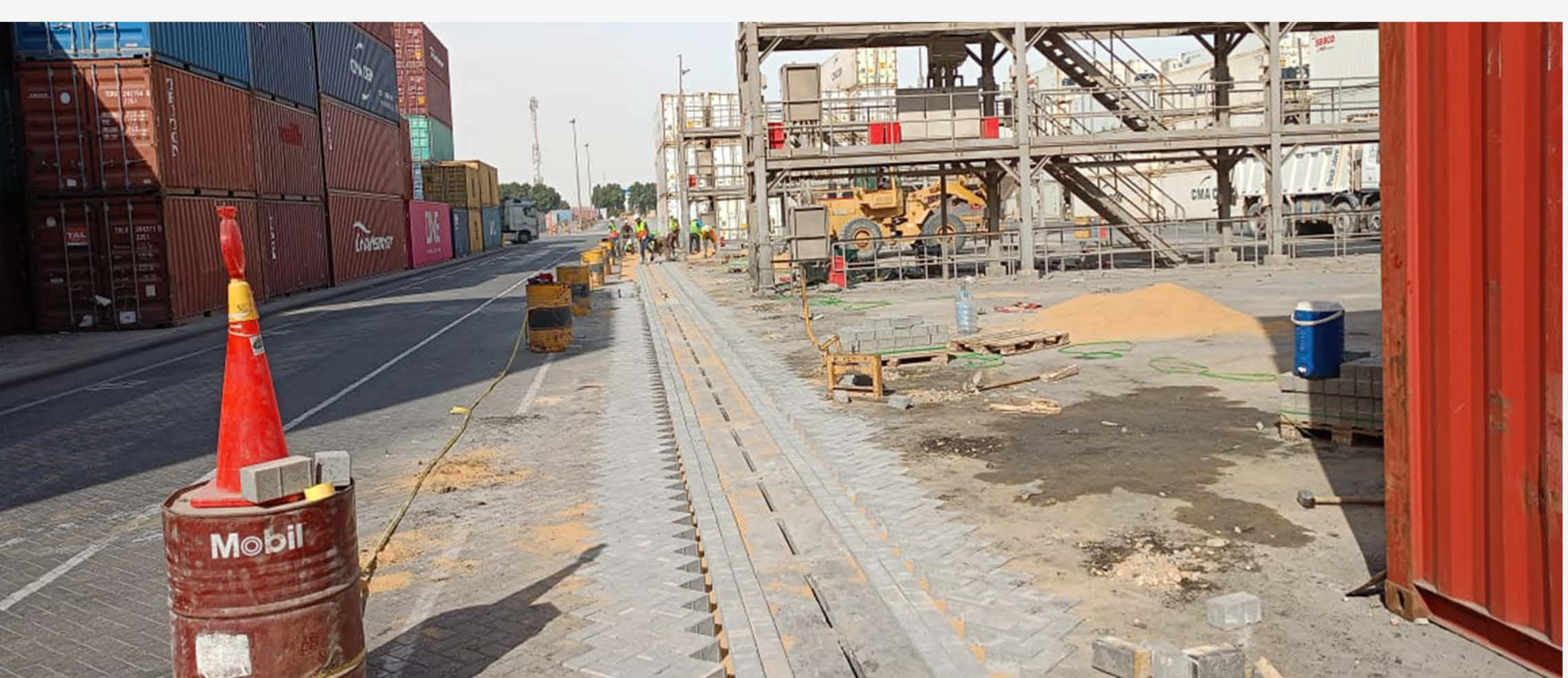
18.Mechanical Foundation

-Clients: Ceramica Cleopatra group - Head Factory
-Scope of work: Civil works
-Project details: Construction mechanicals foundation for horizontal crusher in Eldorado factory.

19.Slot drain networks

-Client: DP World SOKHNA Port
-Scope of work: Civil works
-Project details: Supply and install 2500ML concert Slot drain networks with demolish old one and good cleaning.



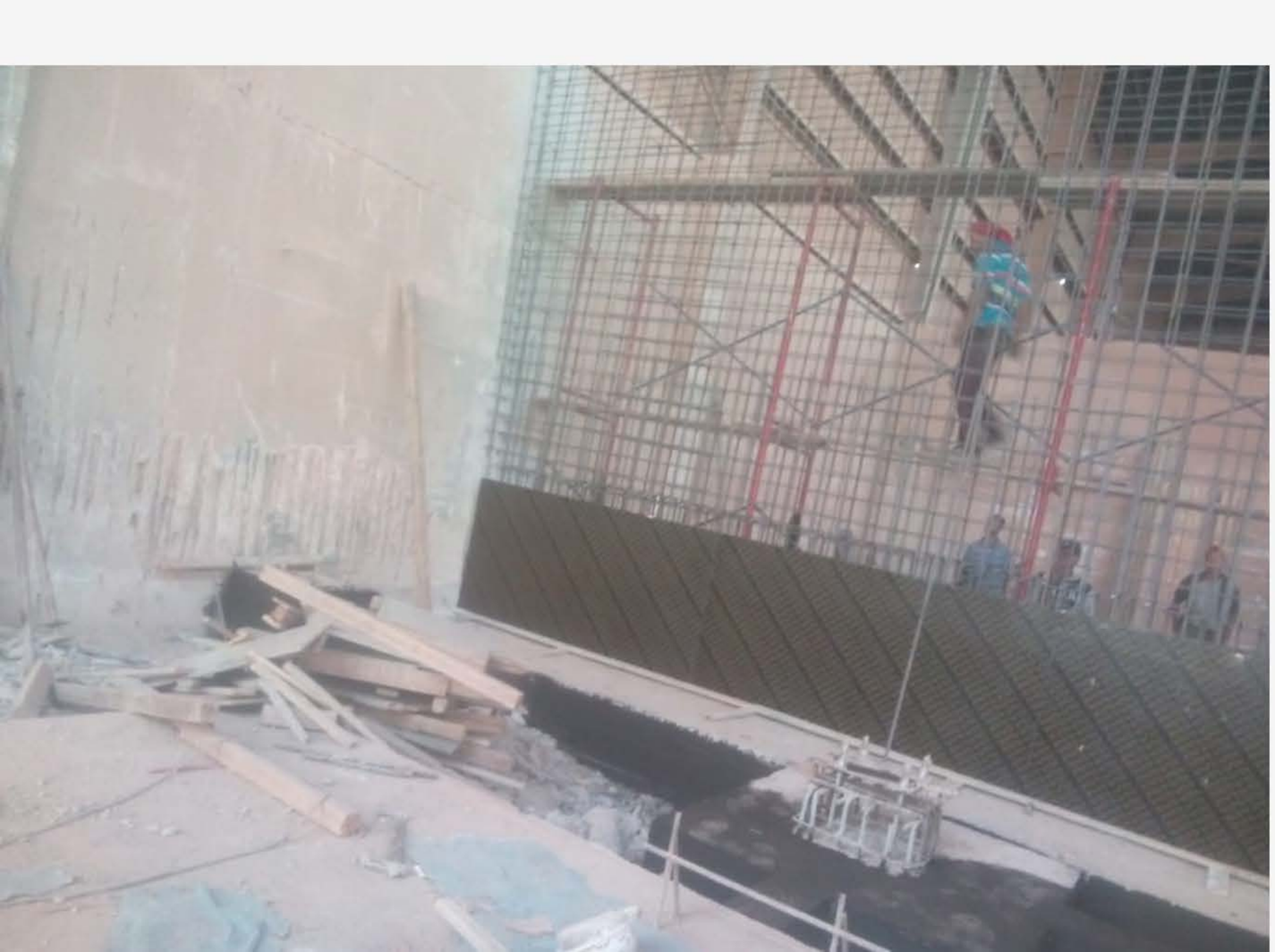


20.Precast Concrete fence

-Client: DP World SOKHNA Port
-Scope of work: Civil works
-Project details: Supply and install a precast concrete fence with height 5.5m.

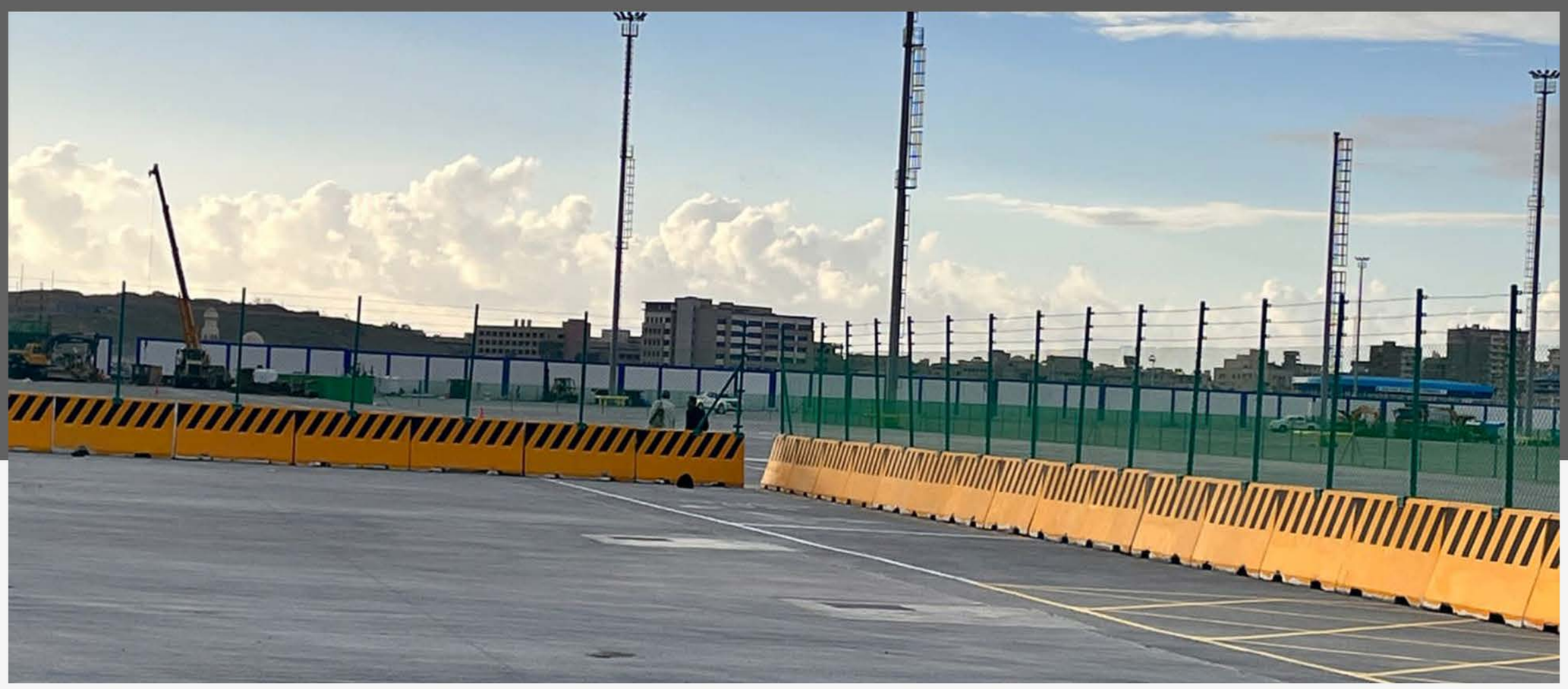
21.RC wall in Eldorado

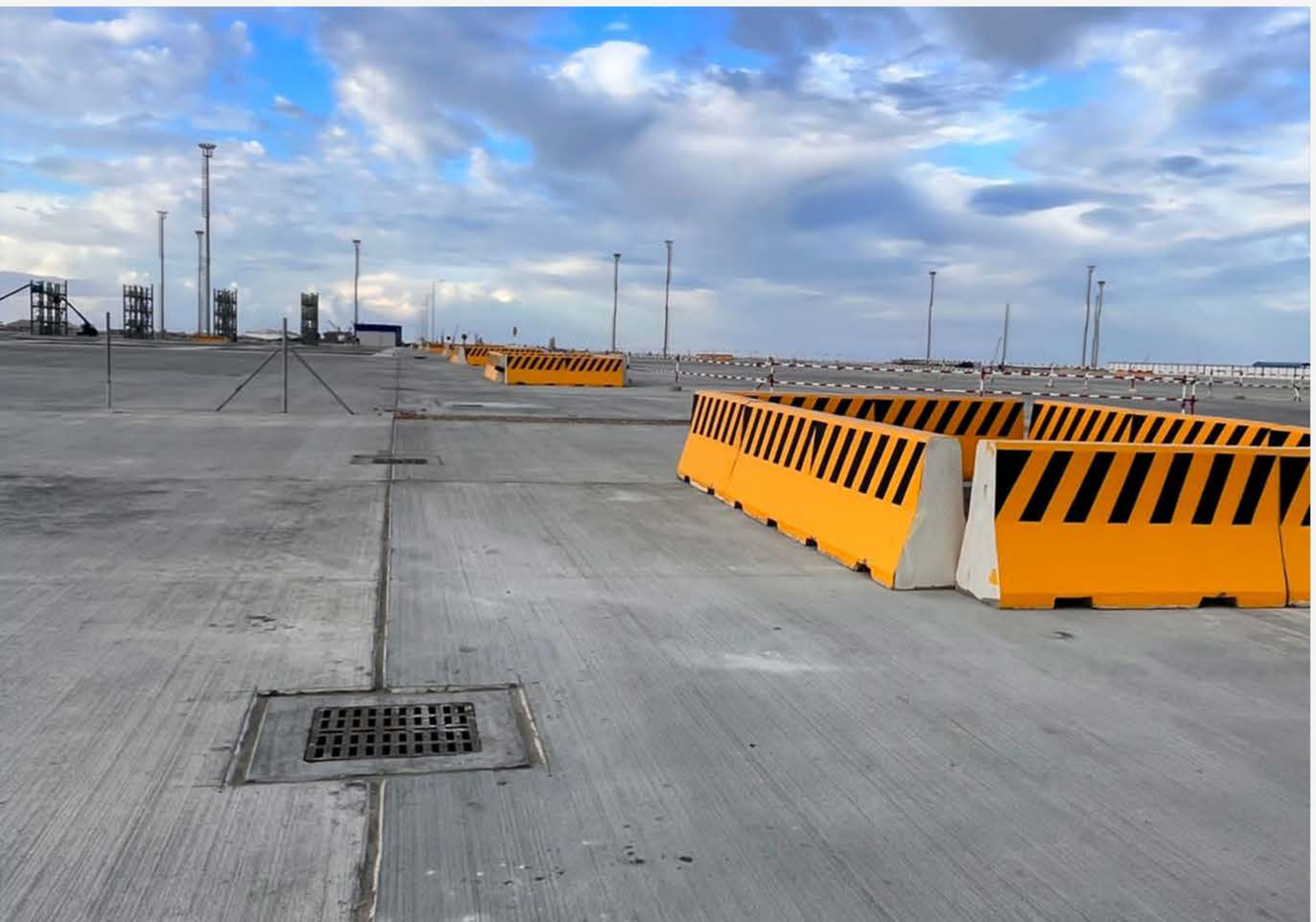
-Client: Ceramica Cleopatra group - Head Factory
-Scope of work: Civil works
-Project details: Construct 4 RC wall in Eldorado factory in materials yard.



22.Temporary Fence

-Client: CHEC in Hutchison Ports Abu Qir Container Terminal
-Scope of work: Civil and steel works
-Project details: Construct 1500ML fence with road barrier finishing with road marking painting, and install steel posts with green mesh.



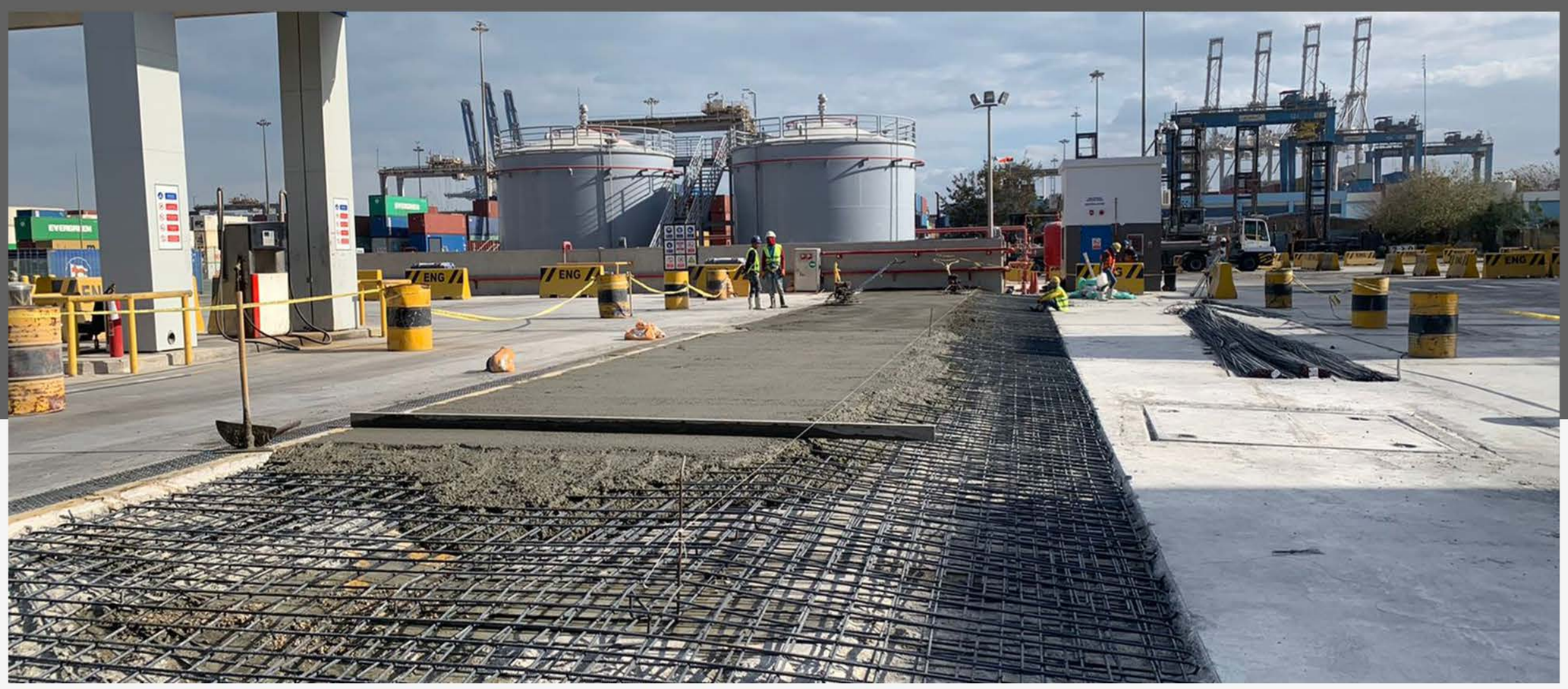


23.Storage Yard of Cleopatra Factory Warehouse Project

-Client: Ceramica Cleopatra group - Head Factory
-Scope of Work: Civil and Steel Structure work
-Project details: Construction of storage yard 3000 m2, in Cleopatra Factory in Ain Sokhna.

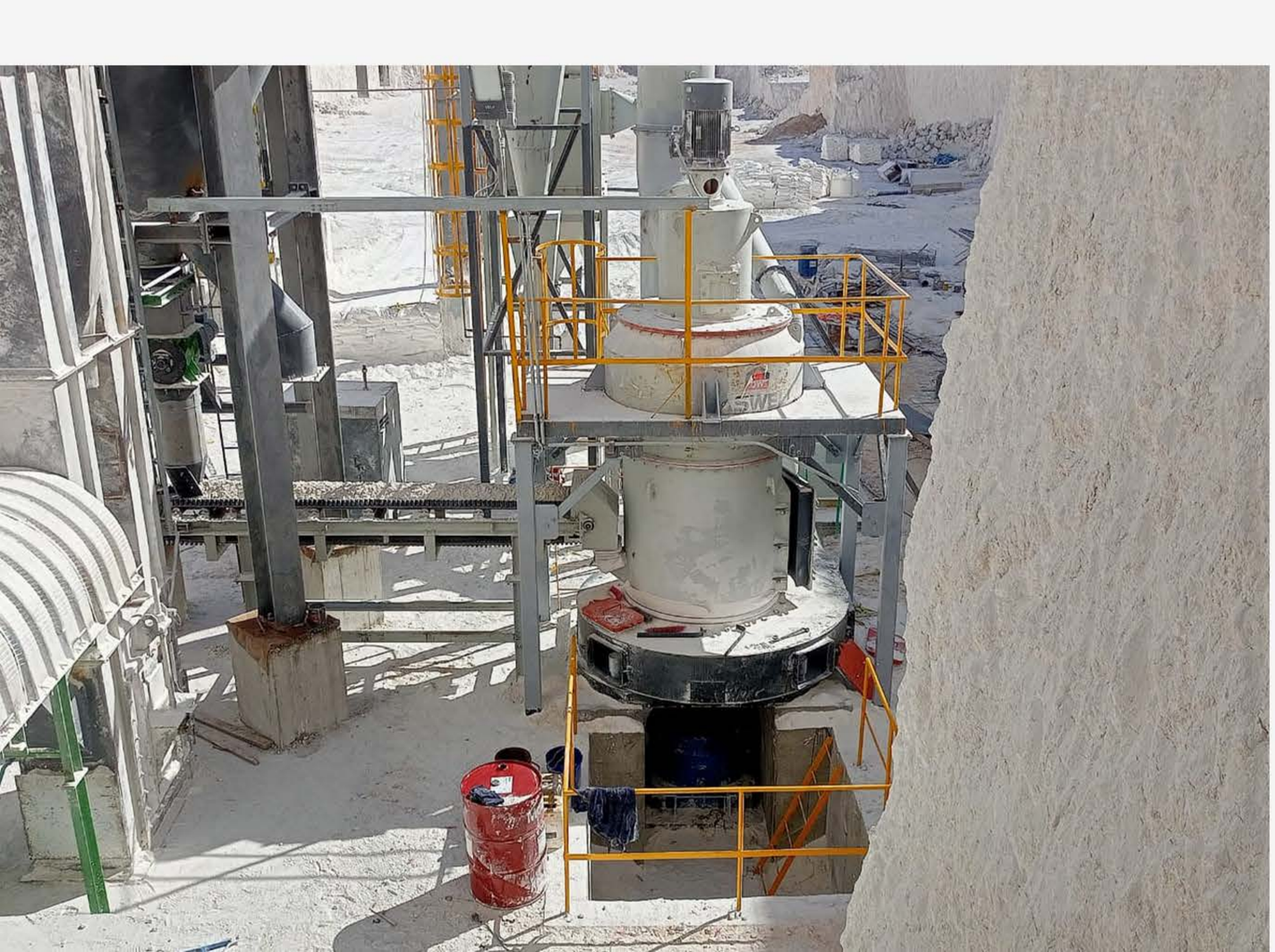
24.Gasoline fuel station and storage tanks Project

-Client: DP World SOKHNA Port
-Scope of work: Civil, Steel work and Tanks
-Project details: installation of infrastructure systems for piping and manholes
Installation of reinforcement concrete floor, Installation of electrical panel, canopy, SOG and Installation of steel canopy.



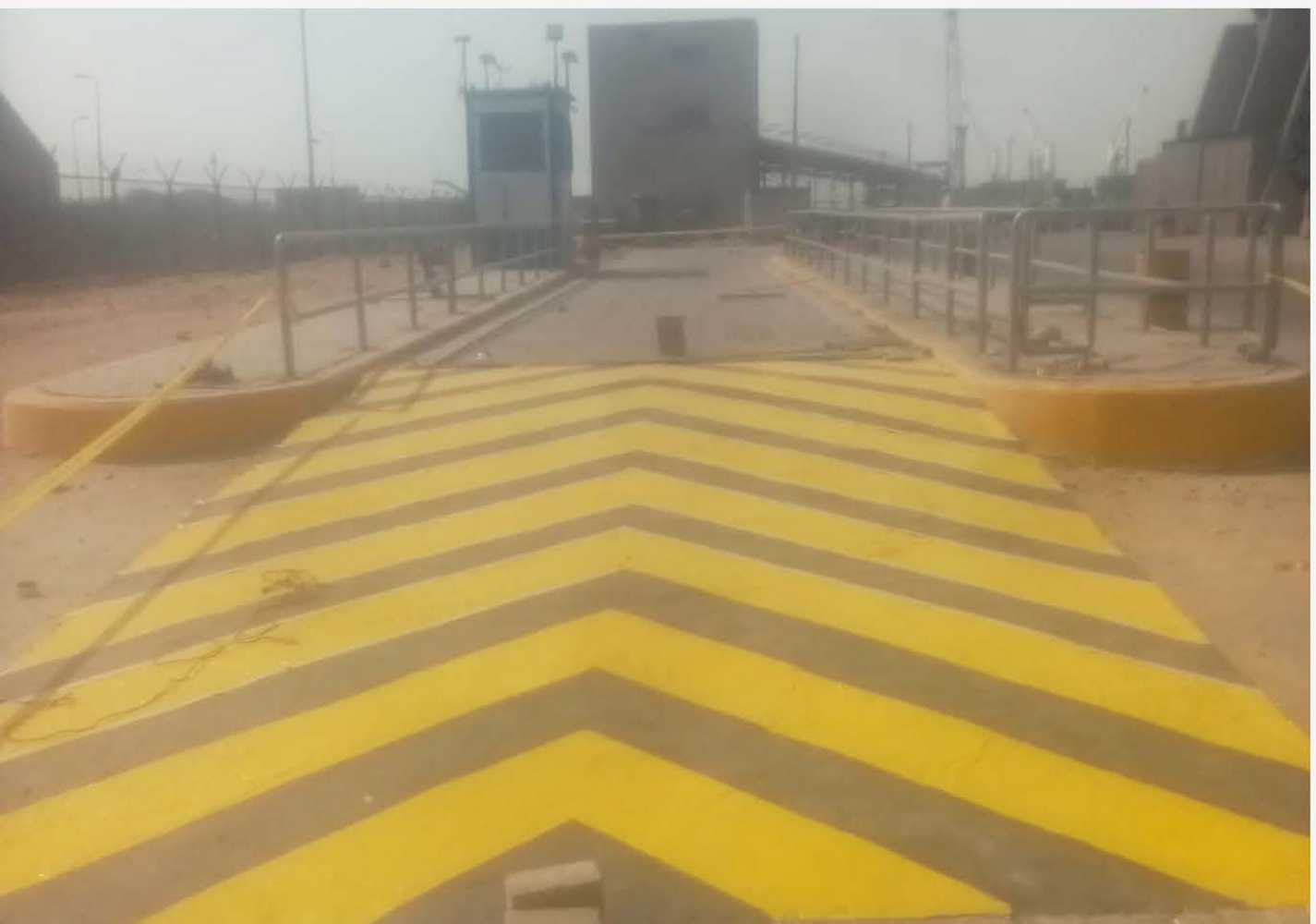
25.vertical mill and Crusher Project

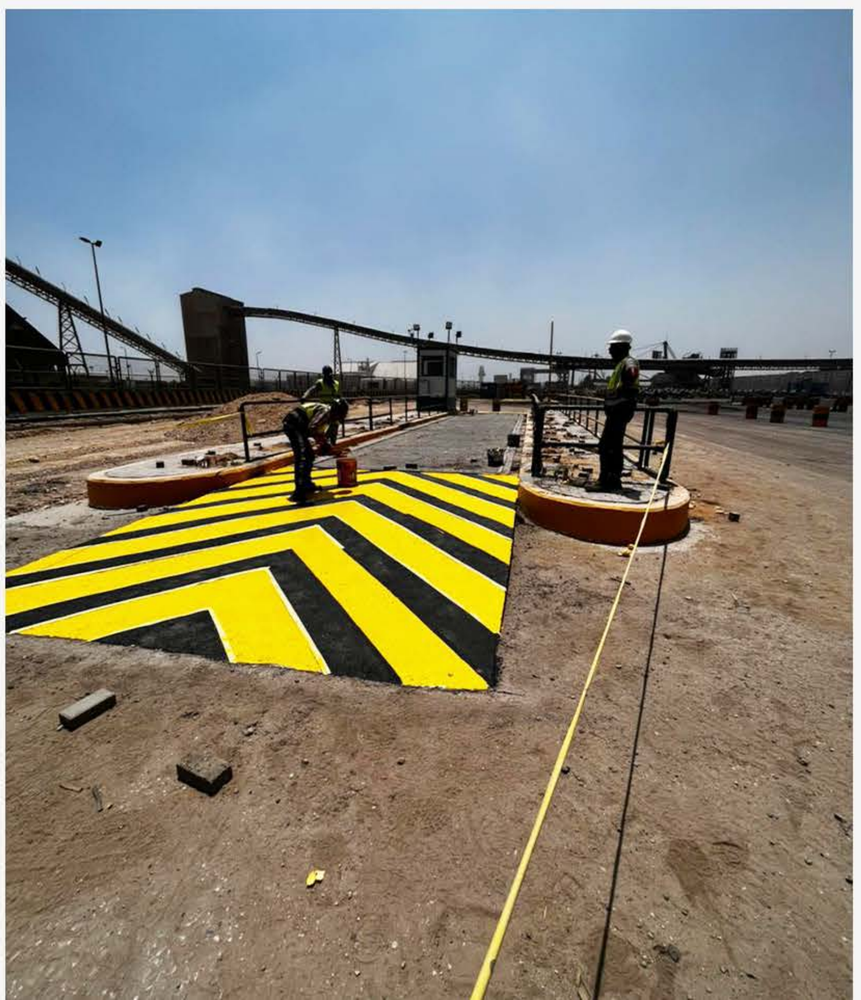
-Client: Ascom for Calcium Carbonate
-Scope of work: Civil and Steel Structure
-Project details: Supply and installation of new crusher works, silos, steel structural and new vertical mill at Ascom crusher site in Minya Governorate.



26.New Weighbridge for BGC Project

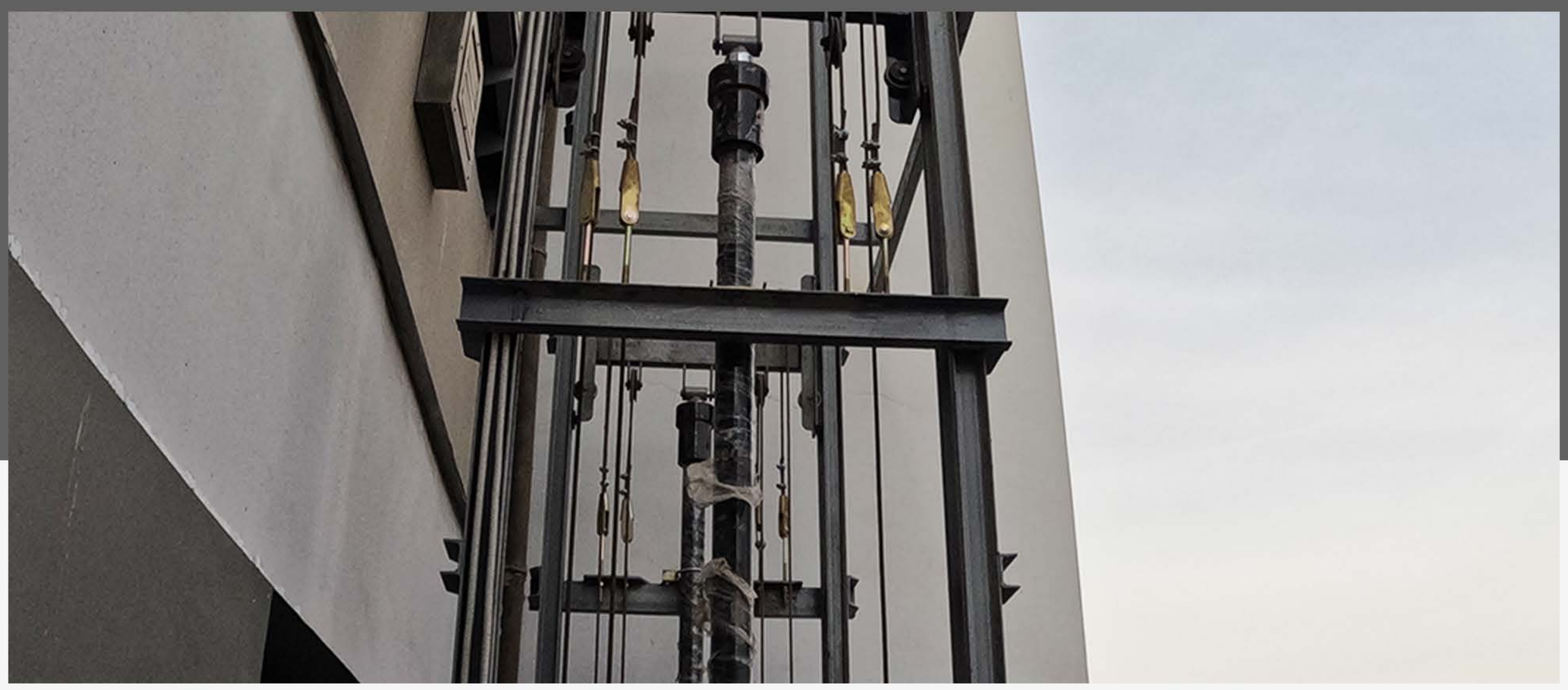
-Client: DP World SOKHNA Port
-Scope of work: Civil and Steel Work
-Project details: Construction of 2 weighbridge at Ezz exit gate at Ain Sokhna port.

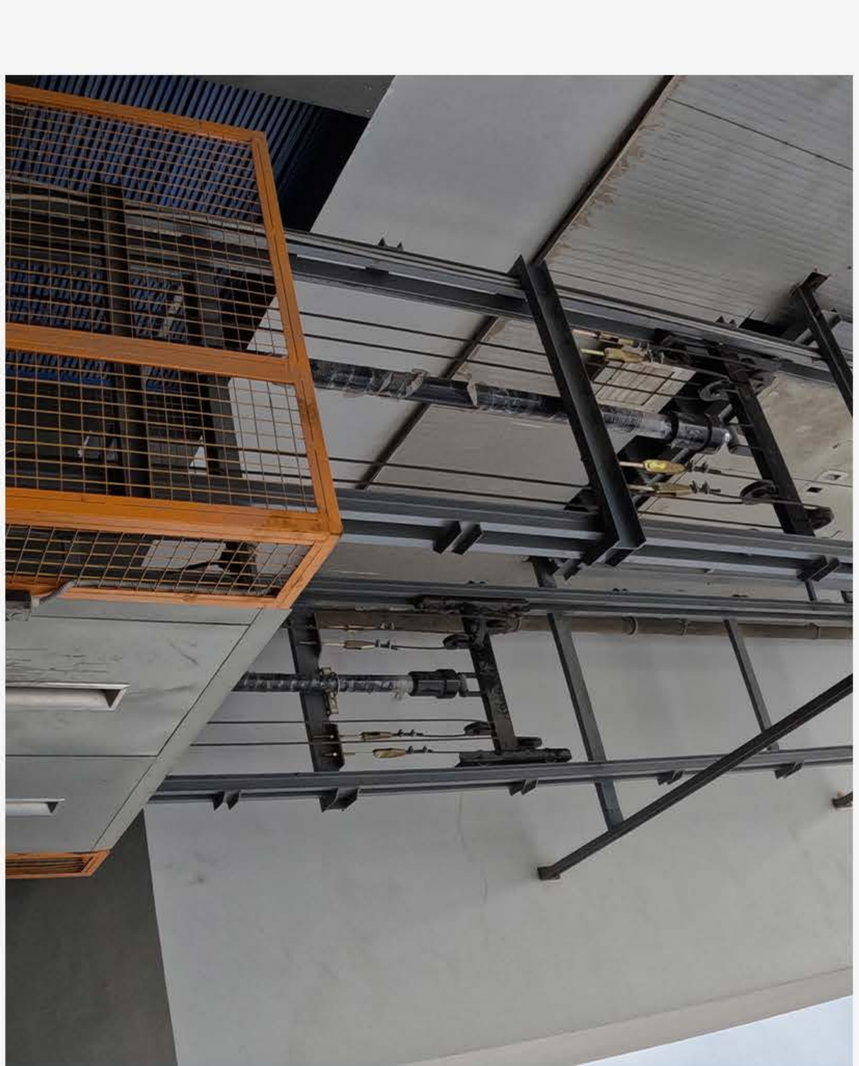




27.Workshop elevators

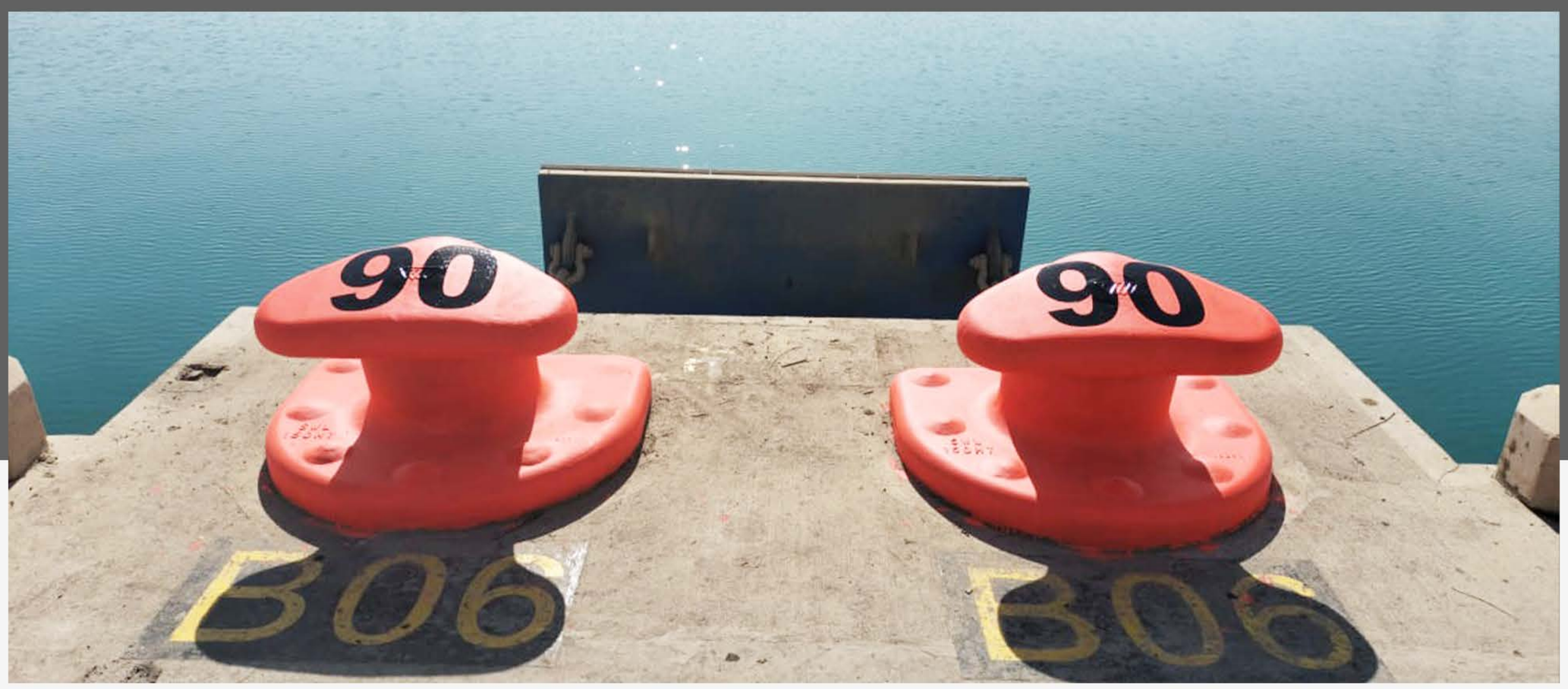
-Clients: DP World SOKHNA Port
-Scope of work: Civil and steel works
-Project details: Supply and install Steel structural for work shop elevators 1000KG in DPW.

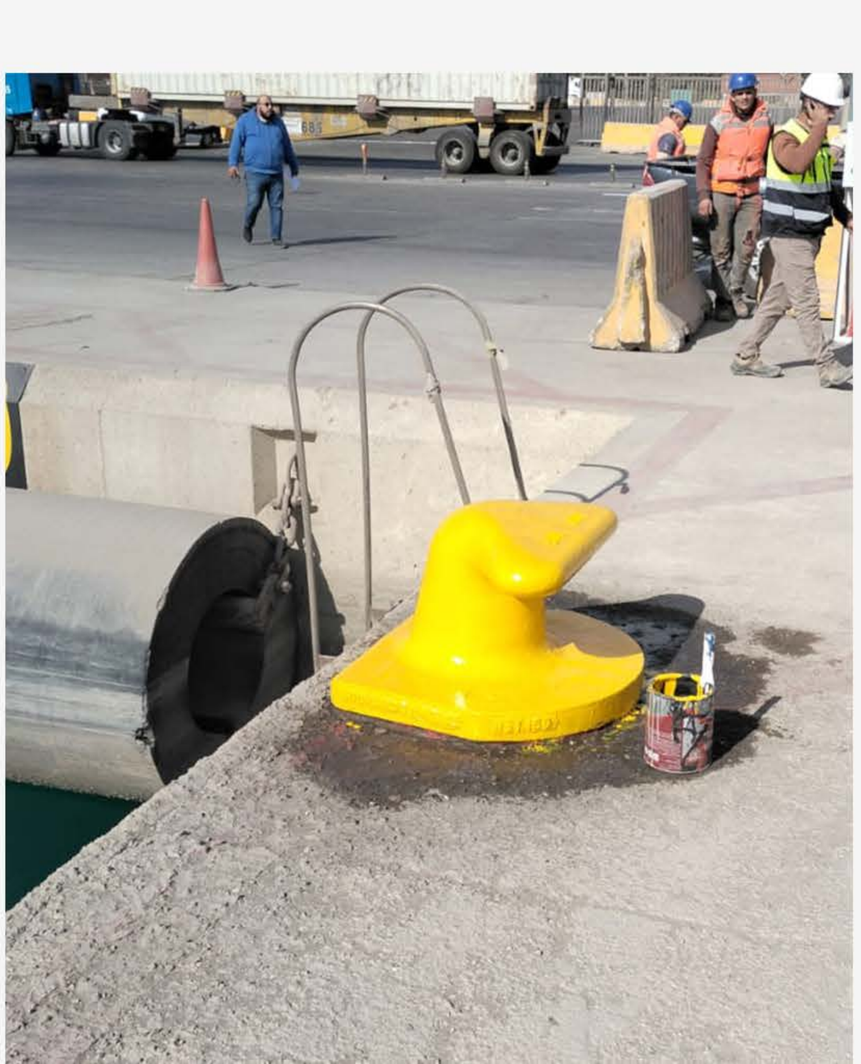




28.Rehabilitation for ships bollard

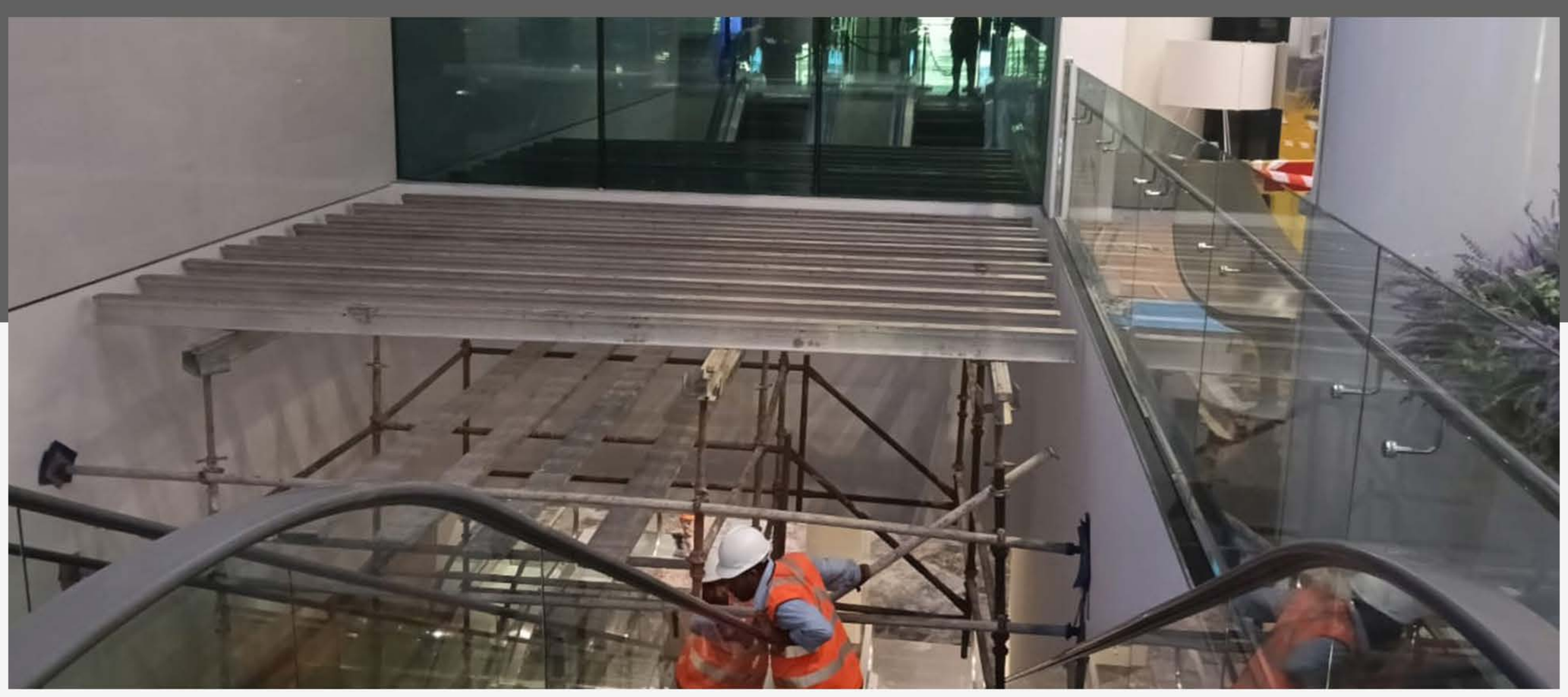
-Client: DP World SOKHNA Port
-Scope of work: Steel works and Painting
-Project details: Rehabilitation and renovation of the ship’s terminal bollard with reflective paints and install Cat eye in the first basin in DPW Port

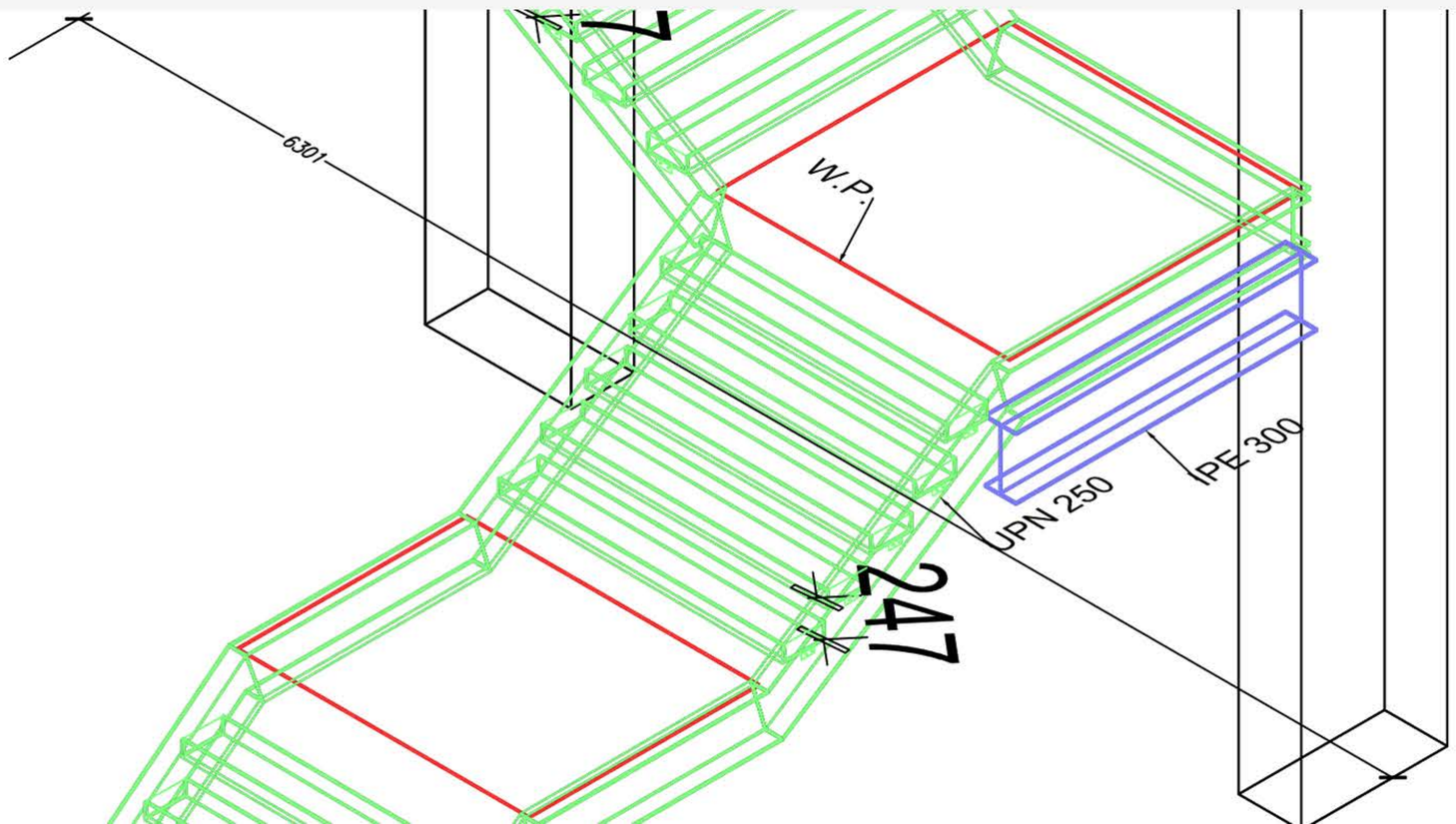




29.Fabrication and Installation of Steel stair

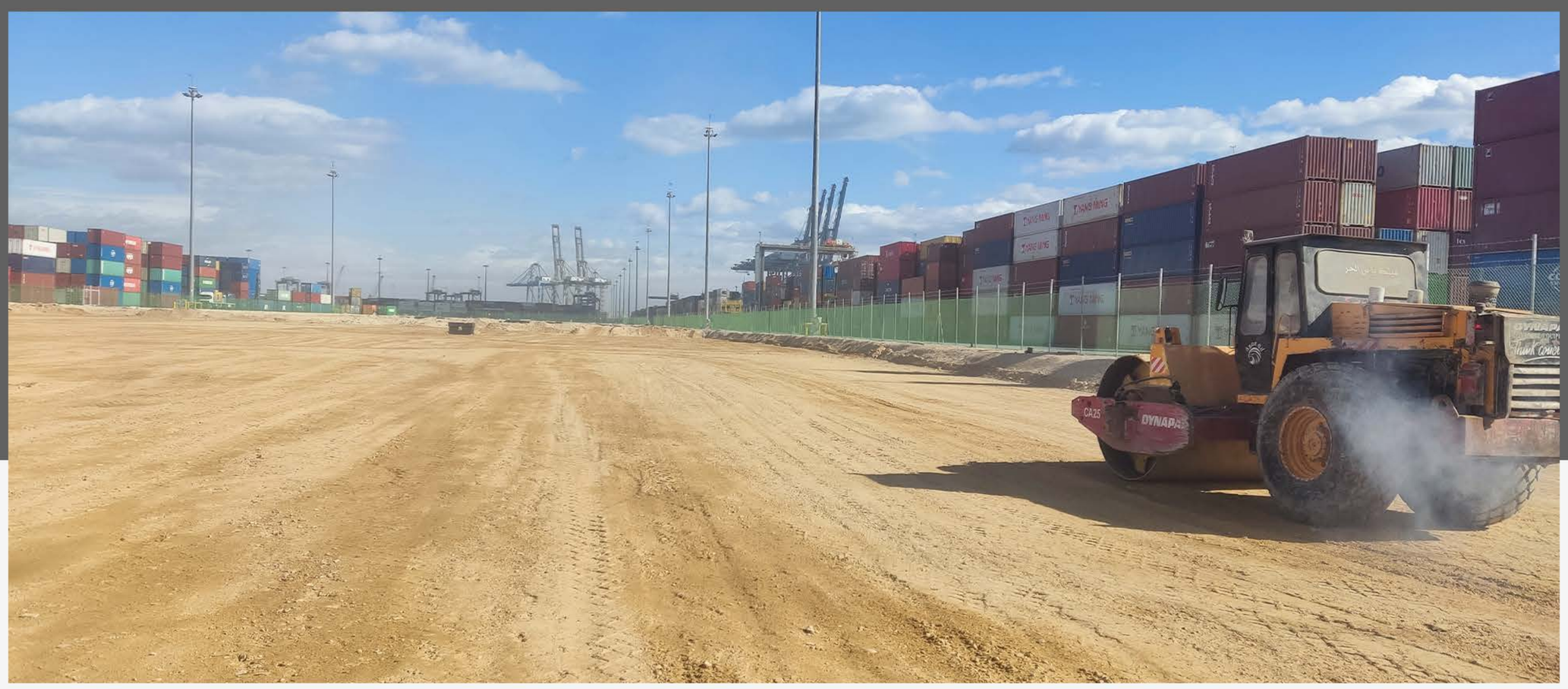
-Client: IFM - NOVOTEL Hotel
-Project: Fabrication and Installation of Steel Stair from Ground floor to the new meeting room
-Project Scope:
-Design: Development of detailed engineering drawings for the steel stair, ensuring compliance with structural and safety standards.
-Fabrication: Manufacturing of the steel components, including the stair treads, risers, and supporting structure, using high-quality materials and precise fabrication techniques.
-Installation: On-site assembly and installation of the fabricated steel stair, connecting it securely to the existing building structure and ensuring proper alignment and functionality.

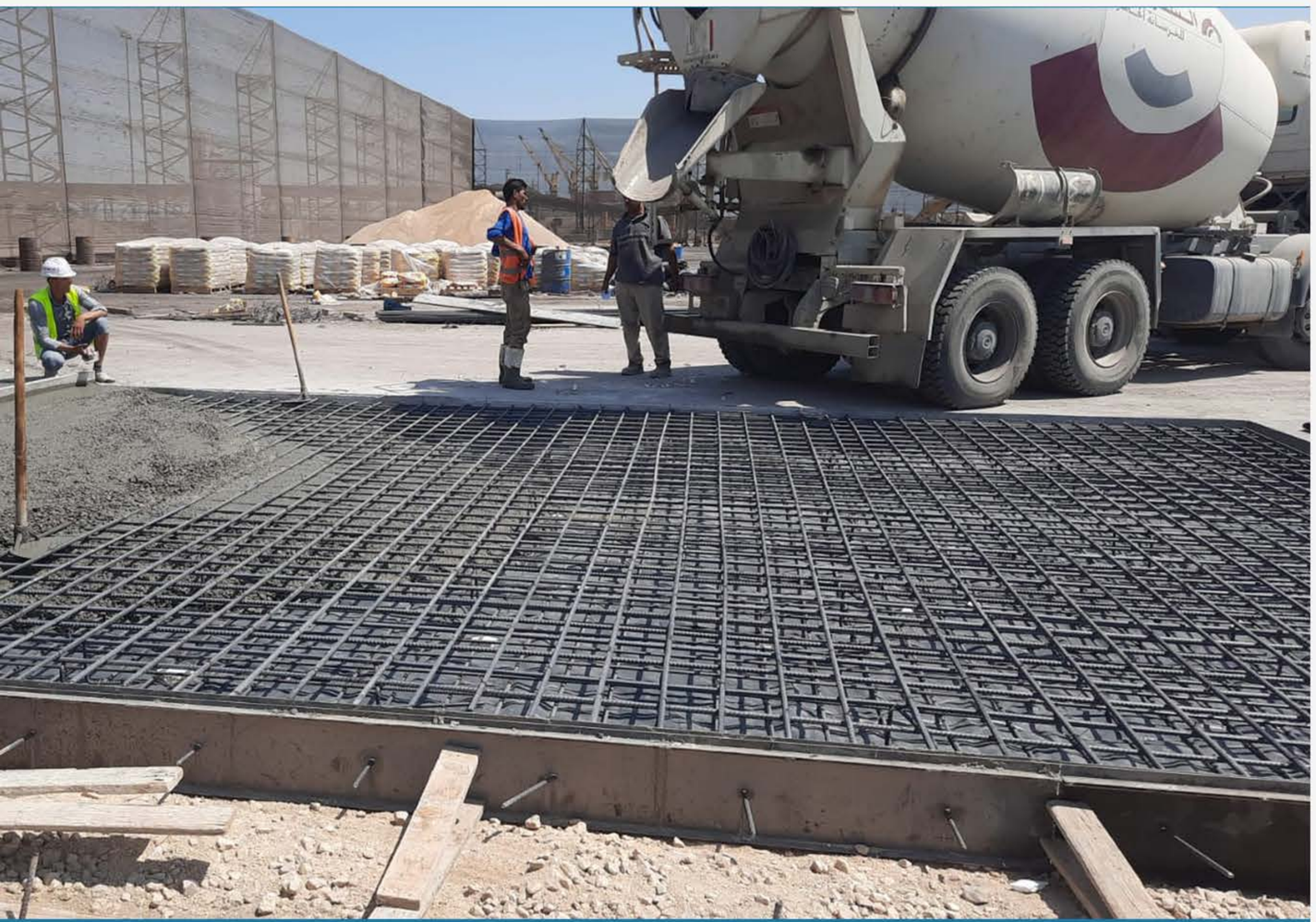




30.Coal Yard Project:

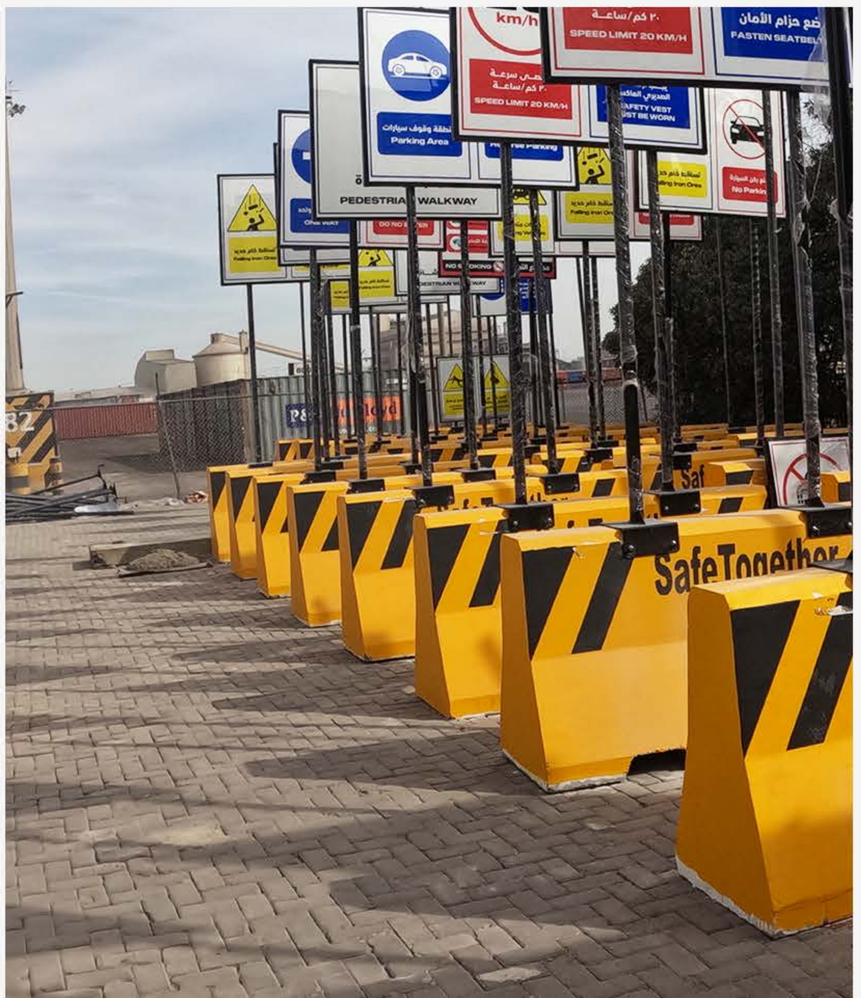
-Client: DP World SOKHNA Port
-Scope of work: Civil Work
-Project details: Construction of “Coal Yard” In Sokhna Port Slab on Grade with an Area of 30,000 M2.





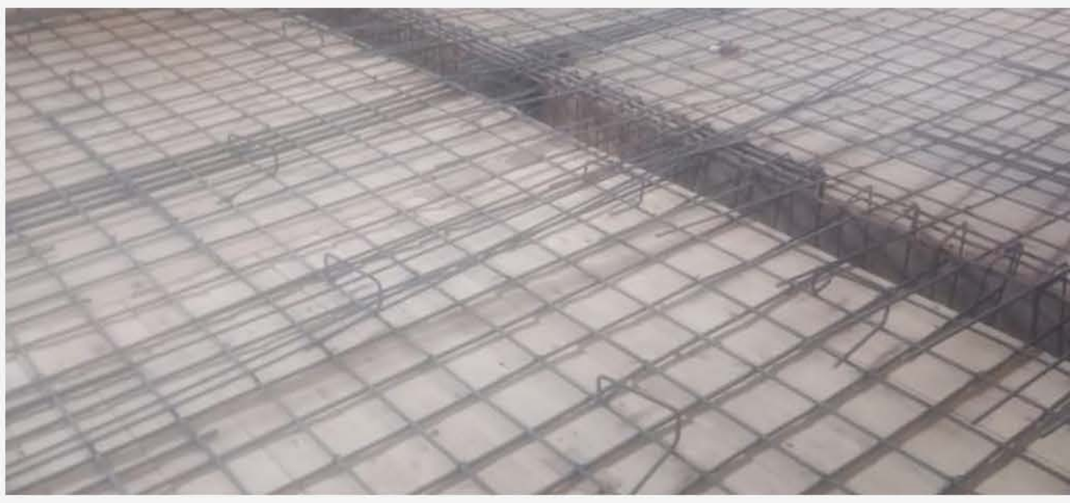
31.Precast and Concrete Road Barrier Project

-Client: DP World SOKHNA Port
-Scope of work: Civil and Steel Work
-Project details: Supply and install 5000 pieces of Road Barriers with Road Marking painting system, with installation of steel posts and road signage.



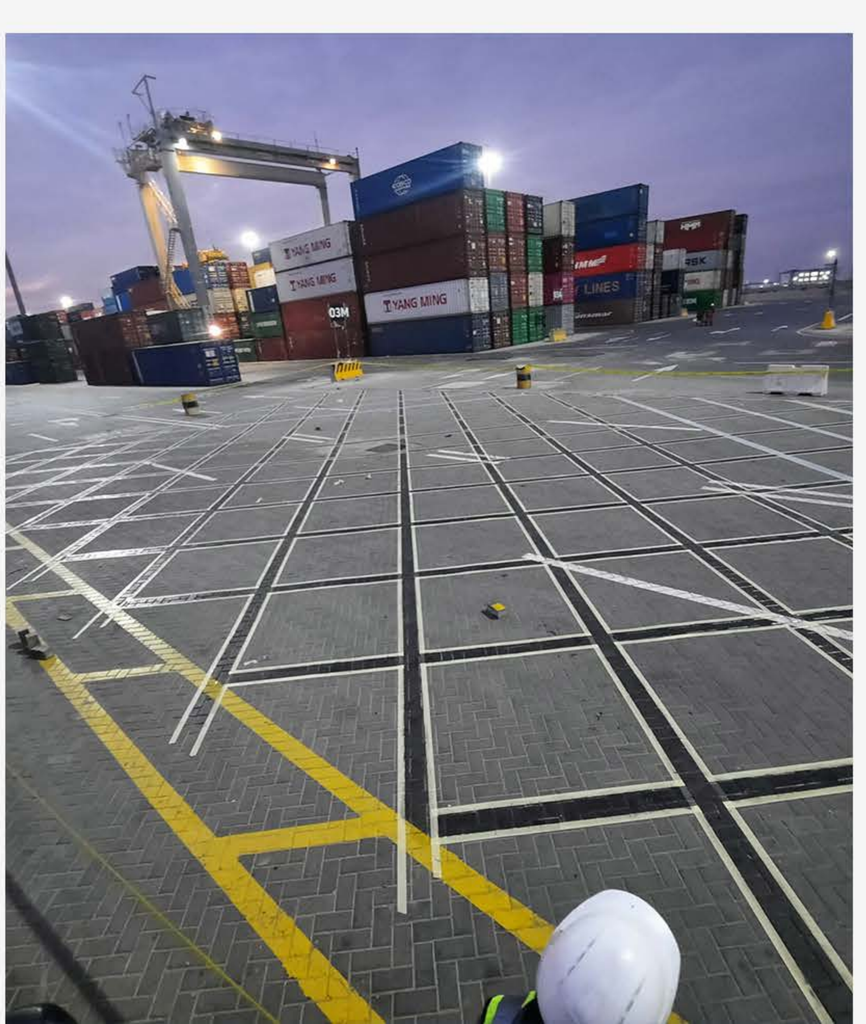
32.Electrical room

-Client: Ceramica Cleopatra group - Head Factory
-Scope of work: Civil works
-Project details: Supply and install Electrical room with seller and SOG in Cleopatra factory.



33.Road Painting/Marking Project

-Client: DP World SOKHNA Port
-Scope of work: Painting
-Project Details: Supply and install of epoxy paint works for 3 yards in DPW port, basin 1

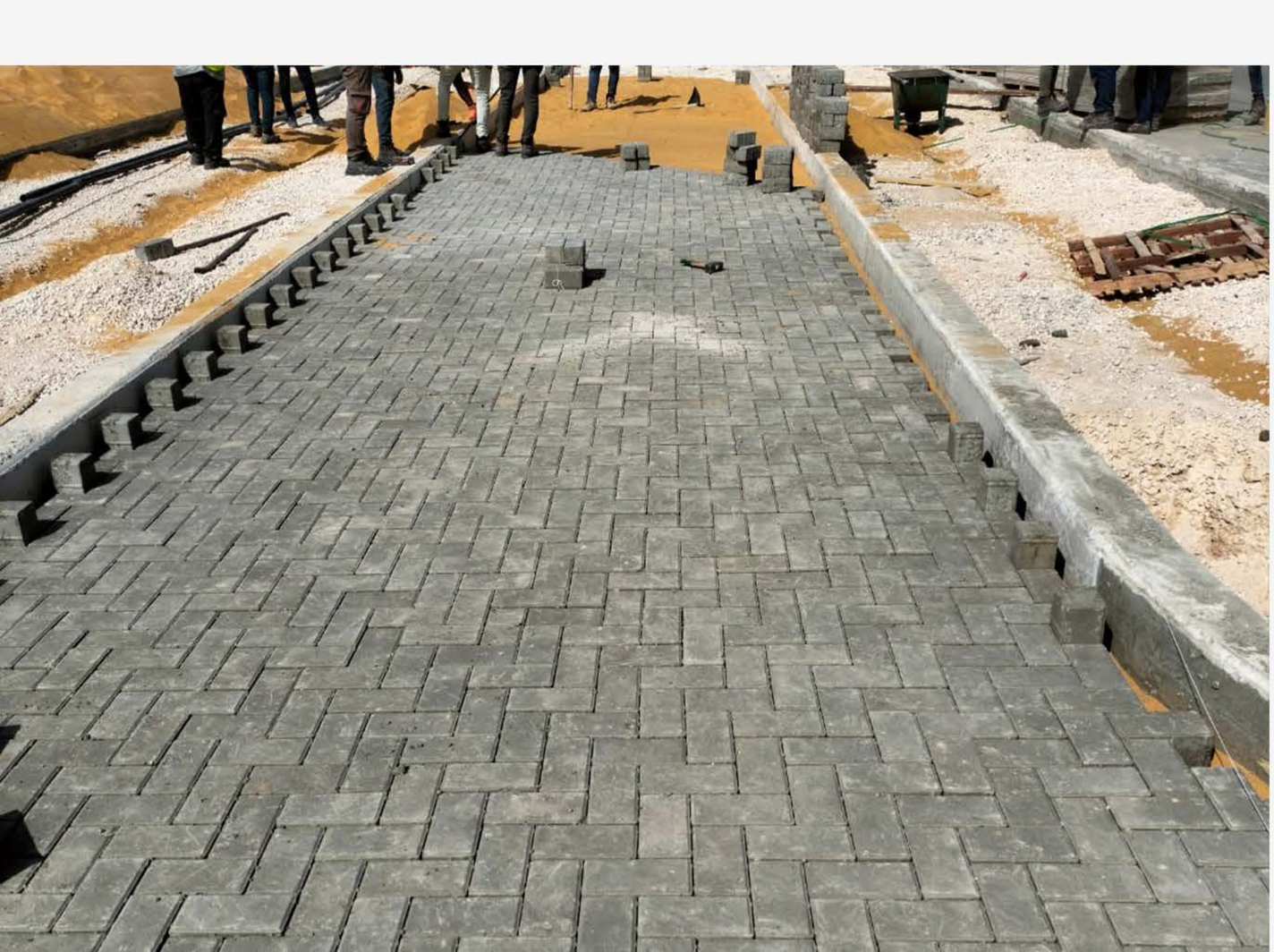


34.Firefighting networks

-Client: DP World SOKHNA Port
-Scope of work: Civil works and Piping install
-Project details: Supply and install HDPE pipes with fittings and valves in the first basin in DPW Port.

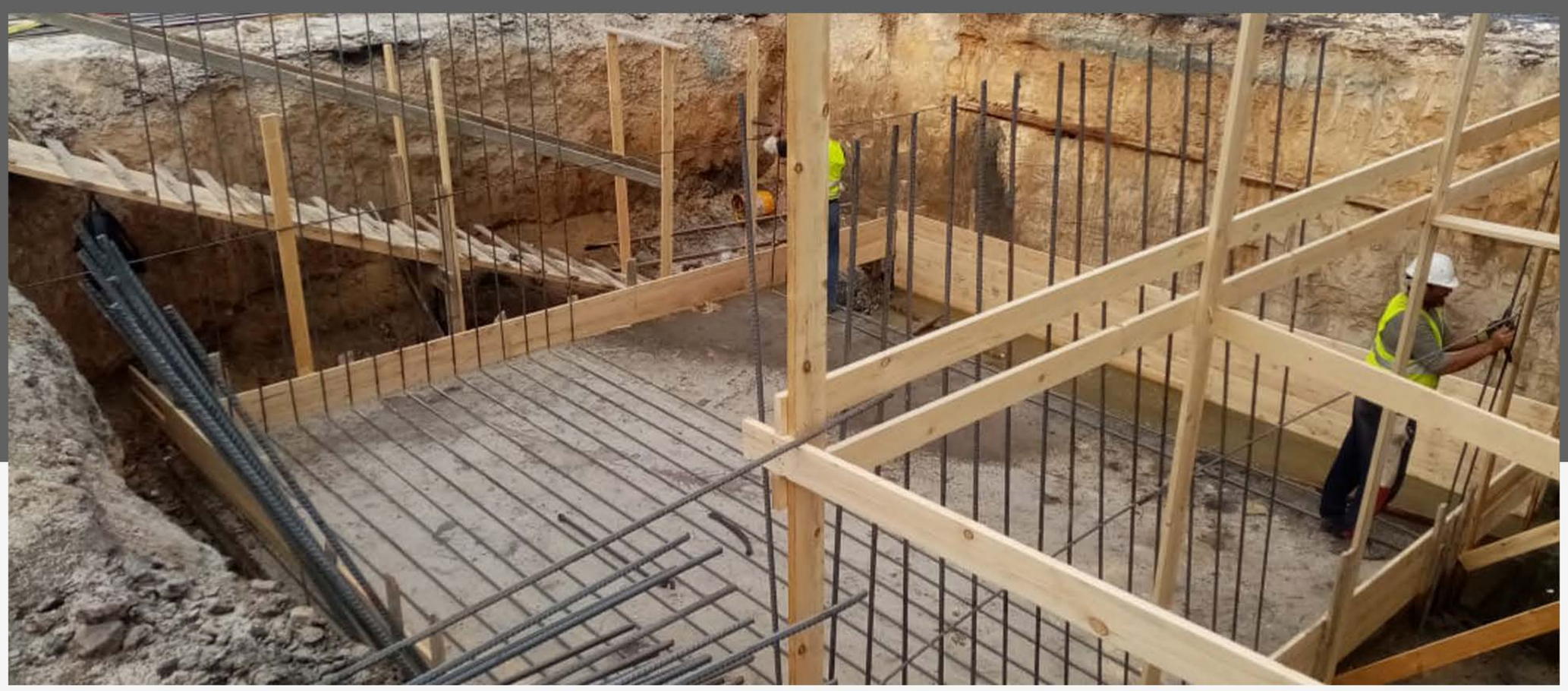
35.Gate Automation Project

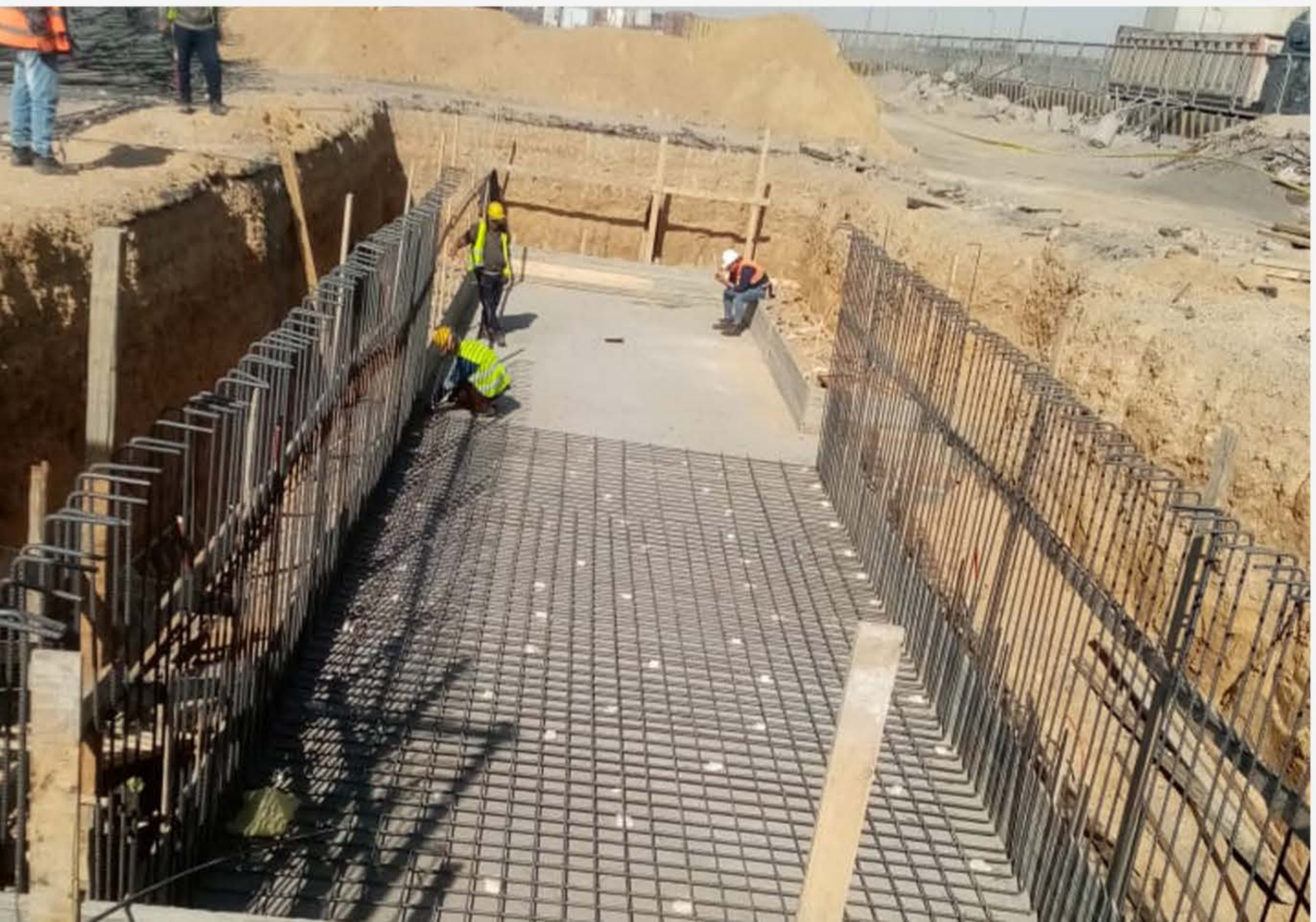
-Client: DP World SOKHNA Port
-Scope of work: Civil, Steel work and Electric Works
-Project details: Construct OCR in OCR out with 3 lanes and 5 islands with installing the entire electric infrastructure in addition to establishing 2 cabinets with the X-Ray gates.



36.Construction of Underground Septic Tank

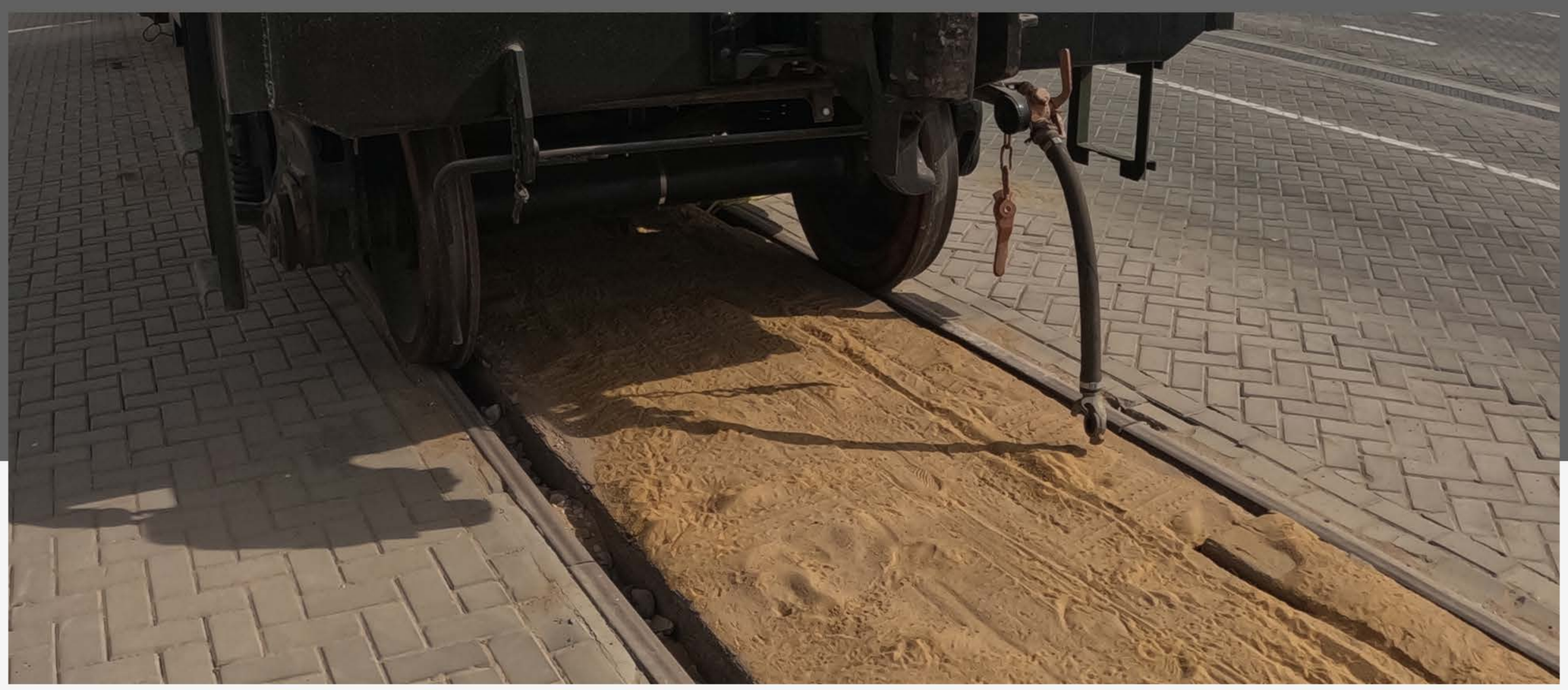
-Client: DP World SOKHNA Port
-Project details: Construction of underground septic tank with depth 4m





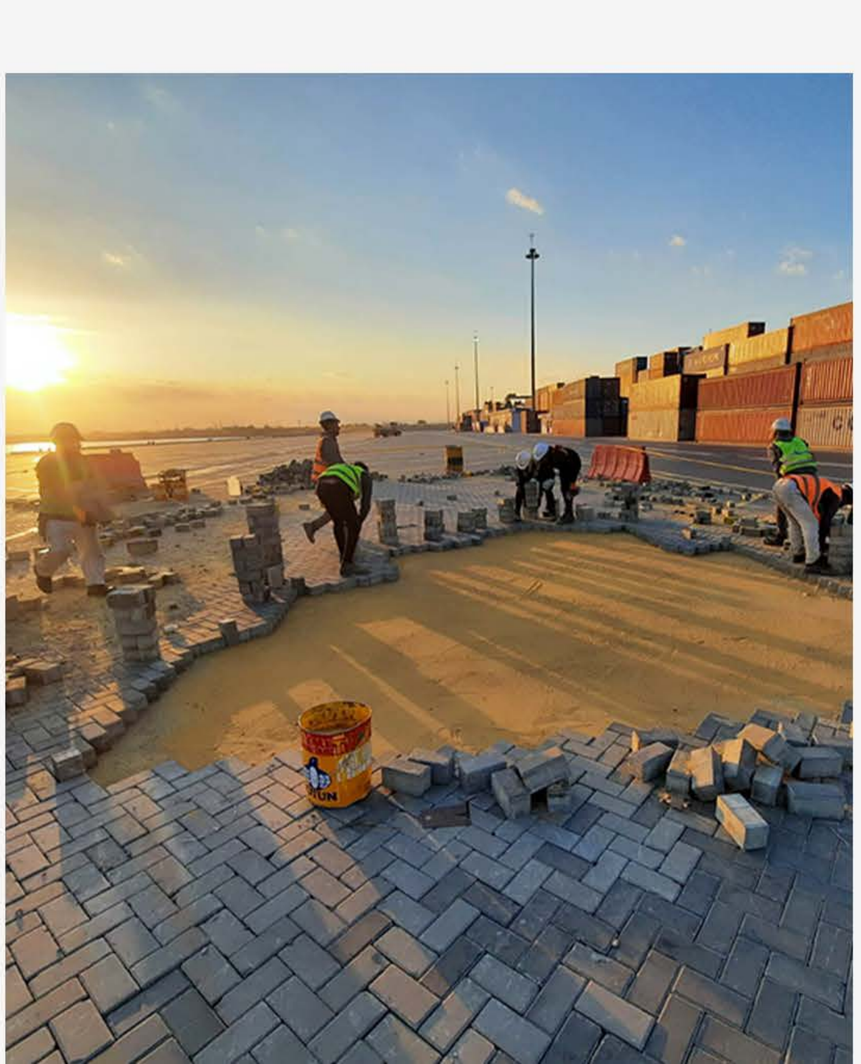
37.Paver block for railway

-Client: DP World SOKHNA Port
-Scope of work: Civil works
-Project details: Supply and install 4800m2 paver block for railway yard in DP world.

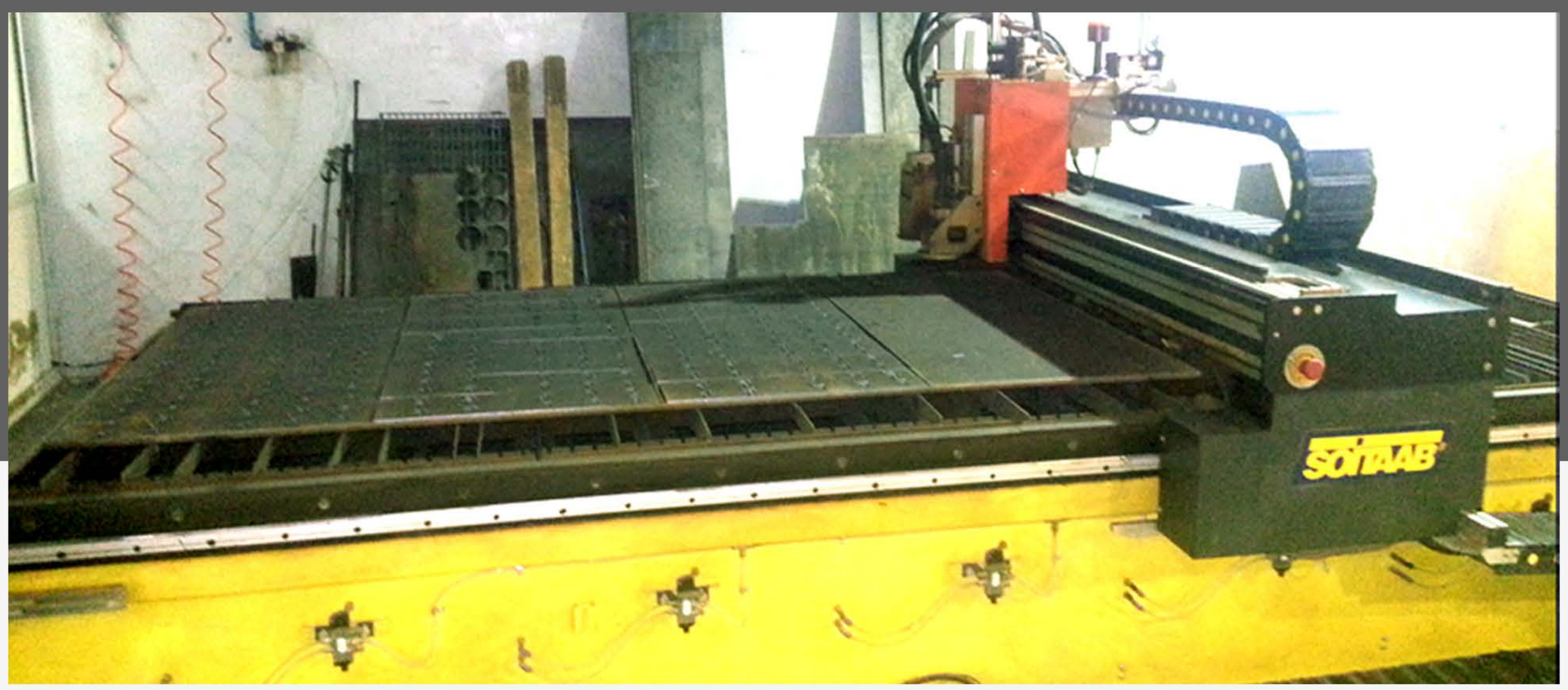


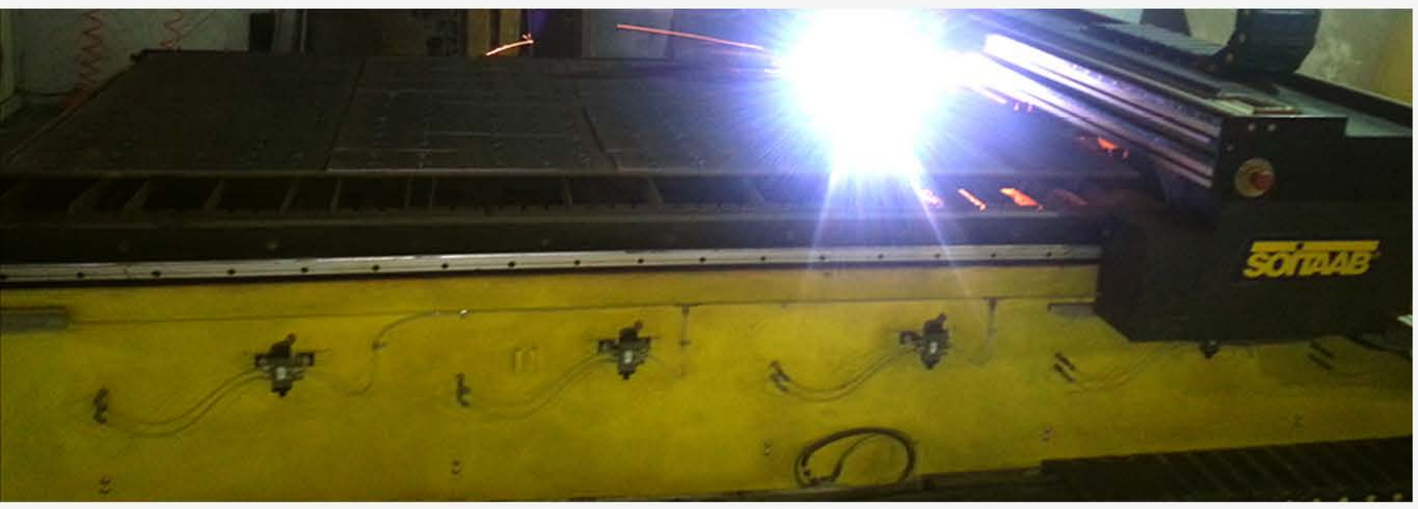
38.Yard Paving

-Client: DP World SOKHNA Port
-Scope of work: Civil works and Painting
-Project details: Supply and install 50,000 m2 interlock for basin yards.

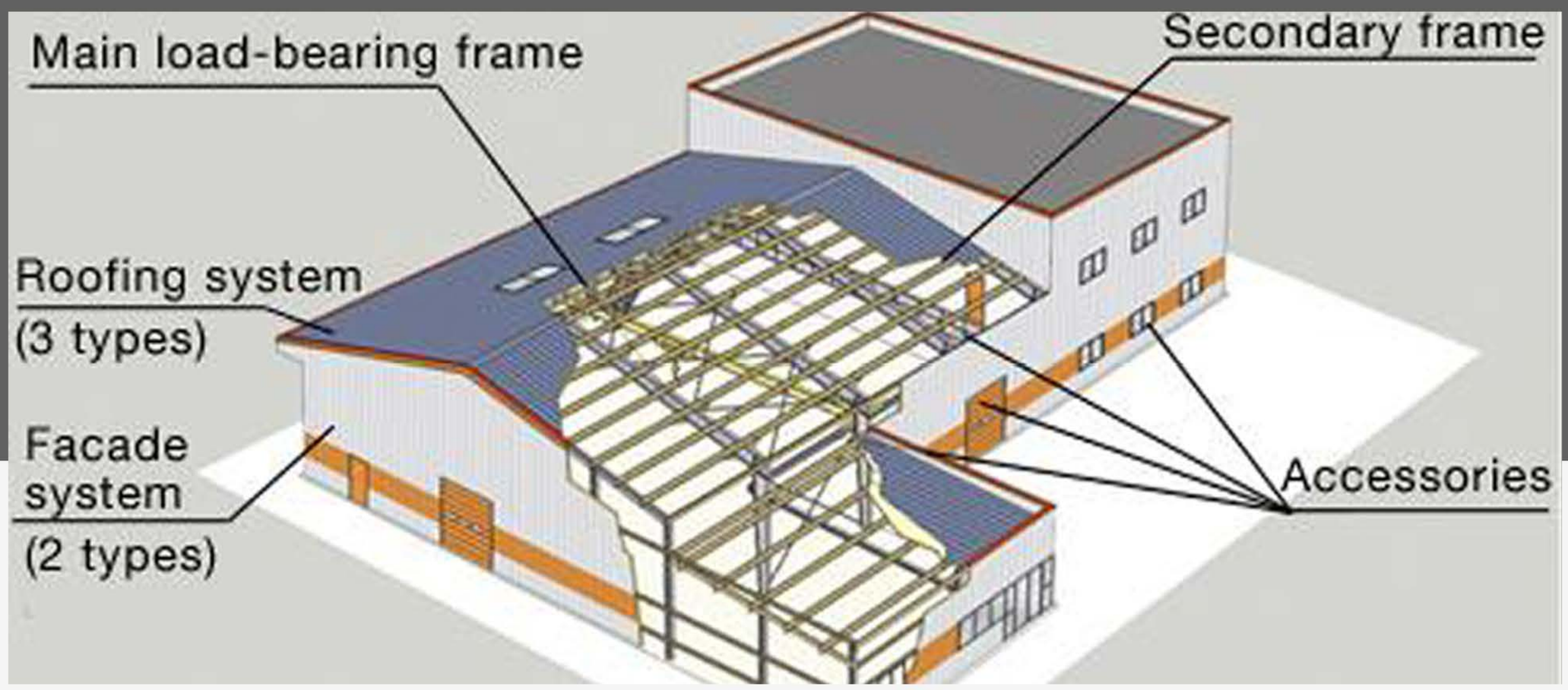


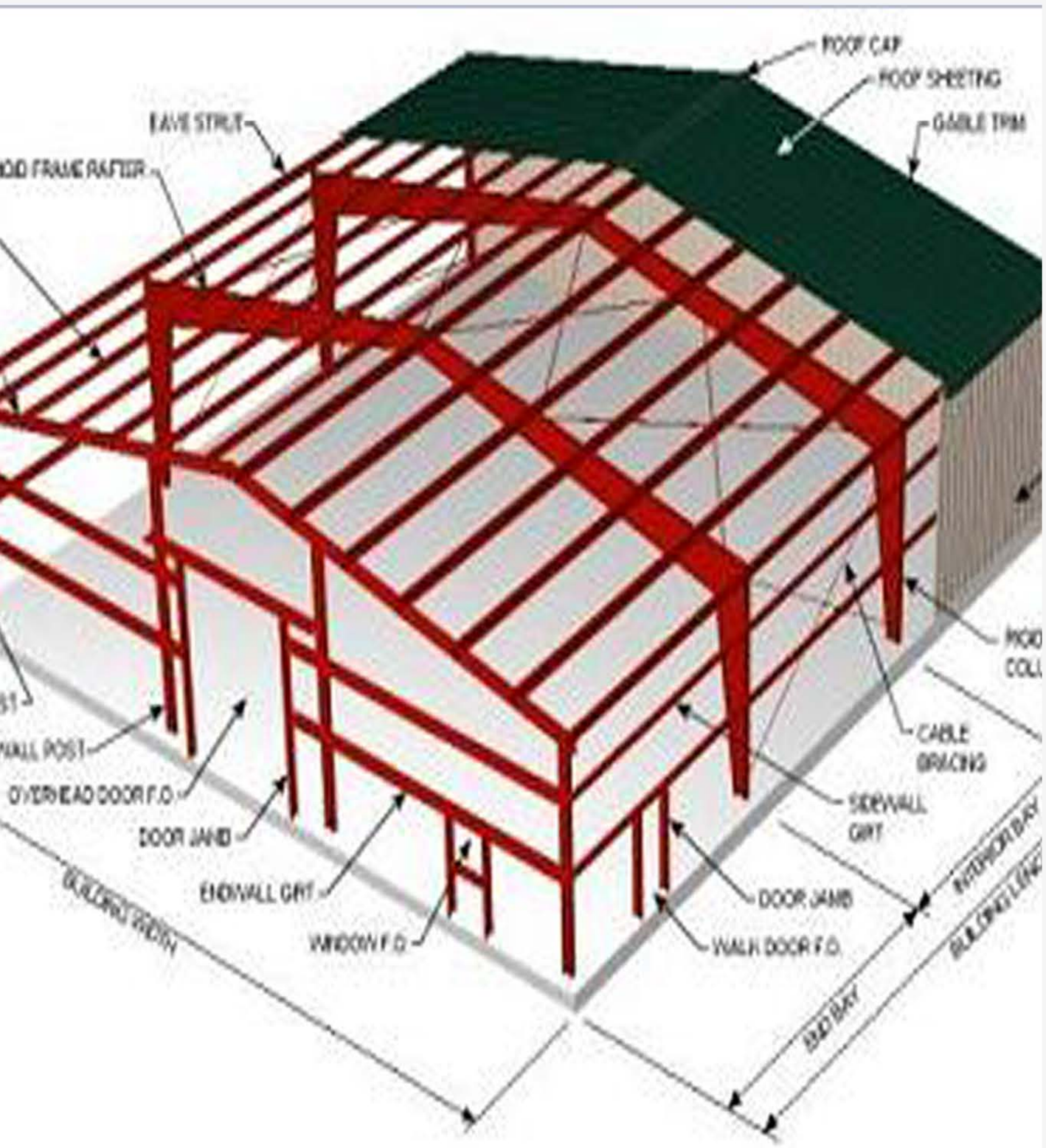
39.Plasma Cutting Machine

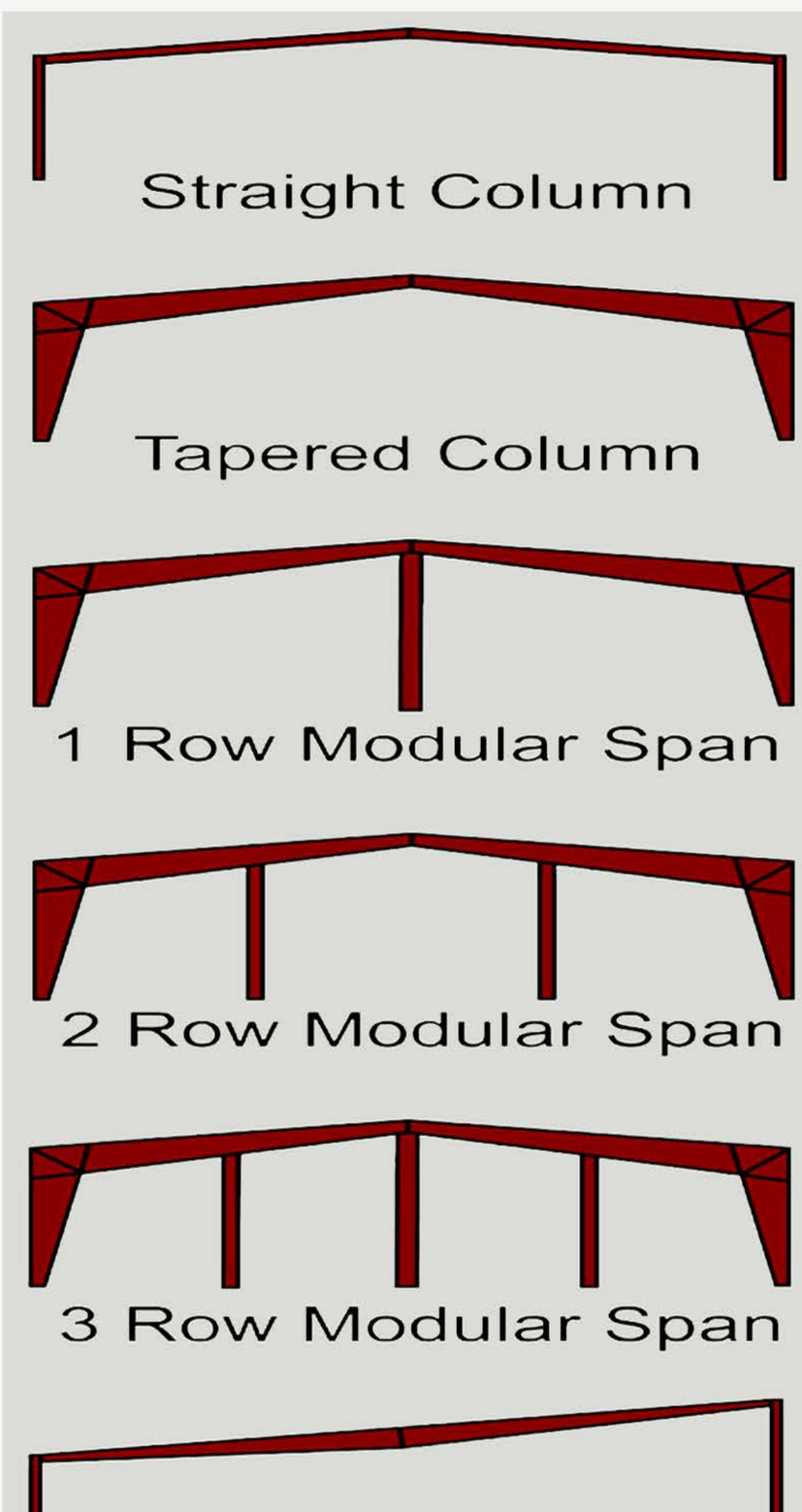




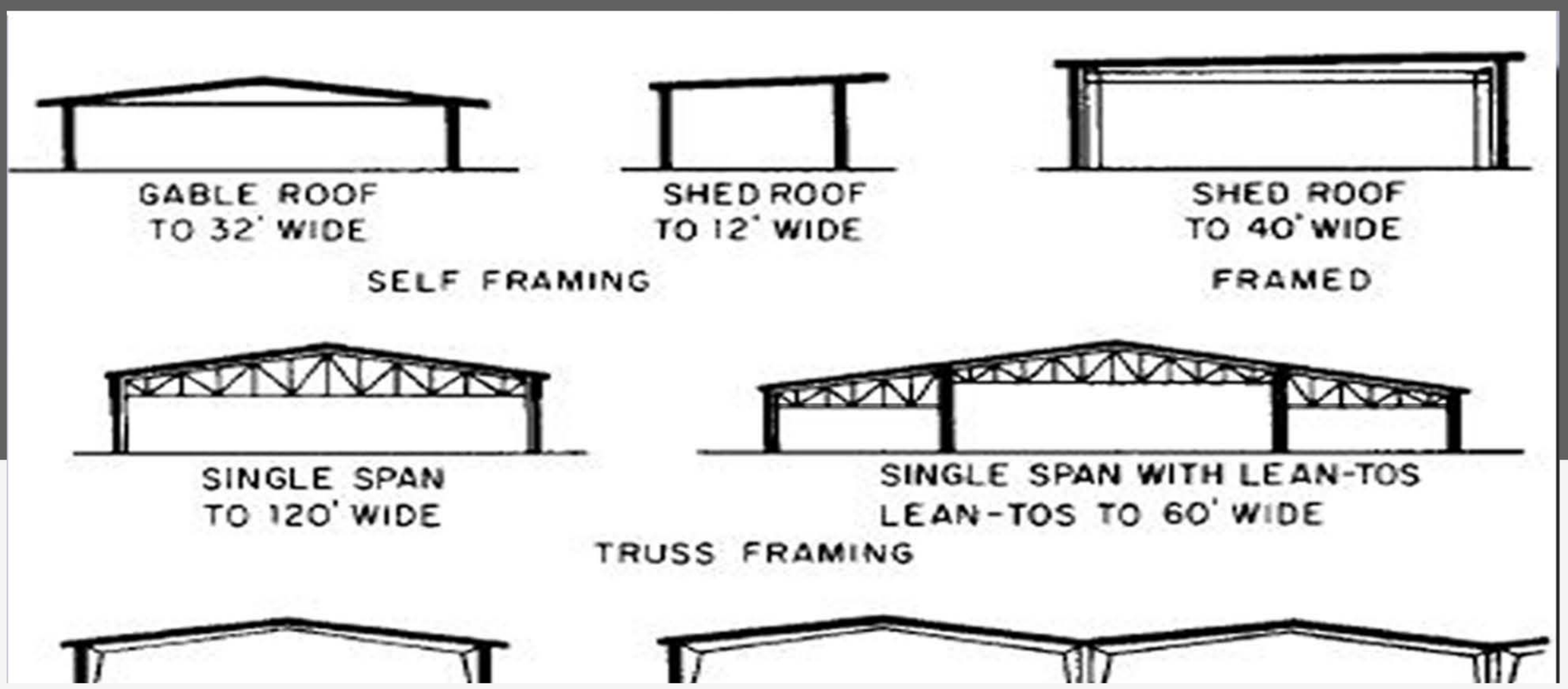
40.Steel Primary Structures
- (HAK) PREENGINEERED Frame

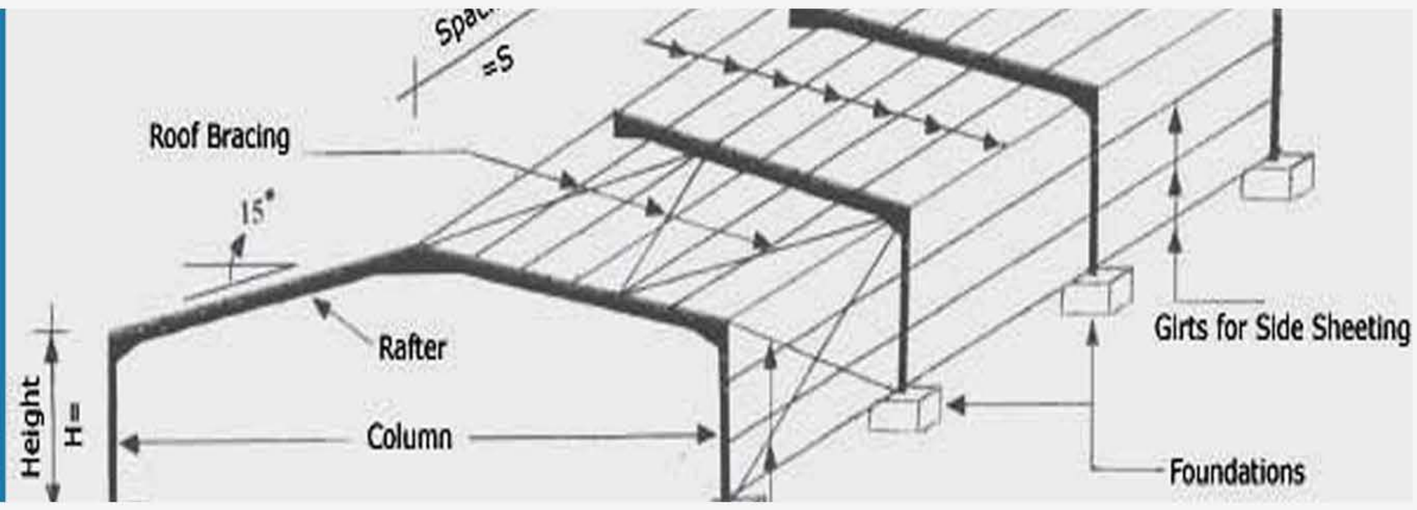


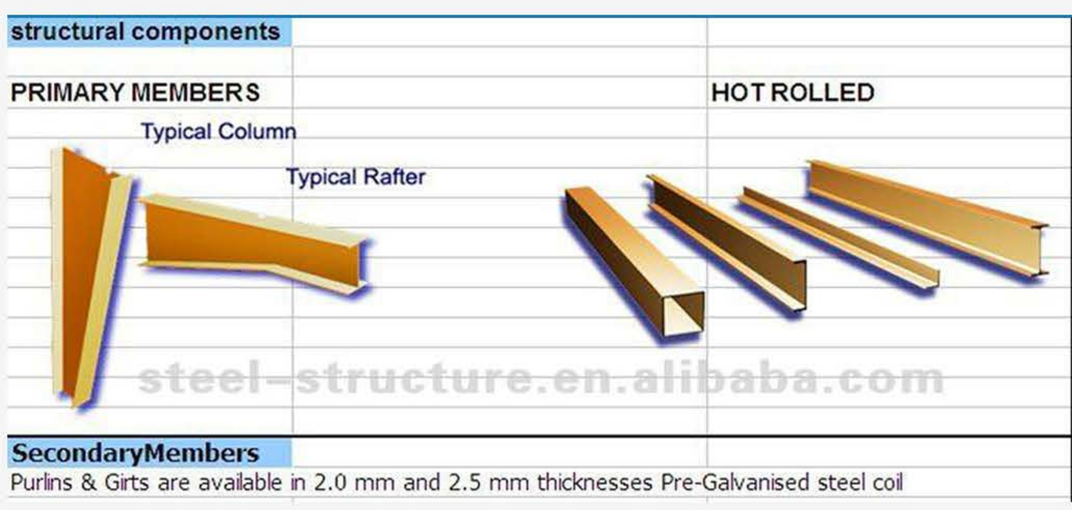


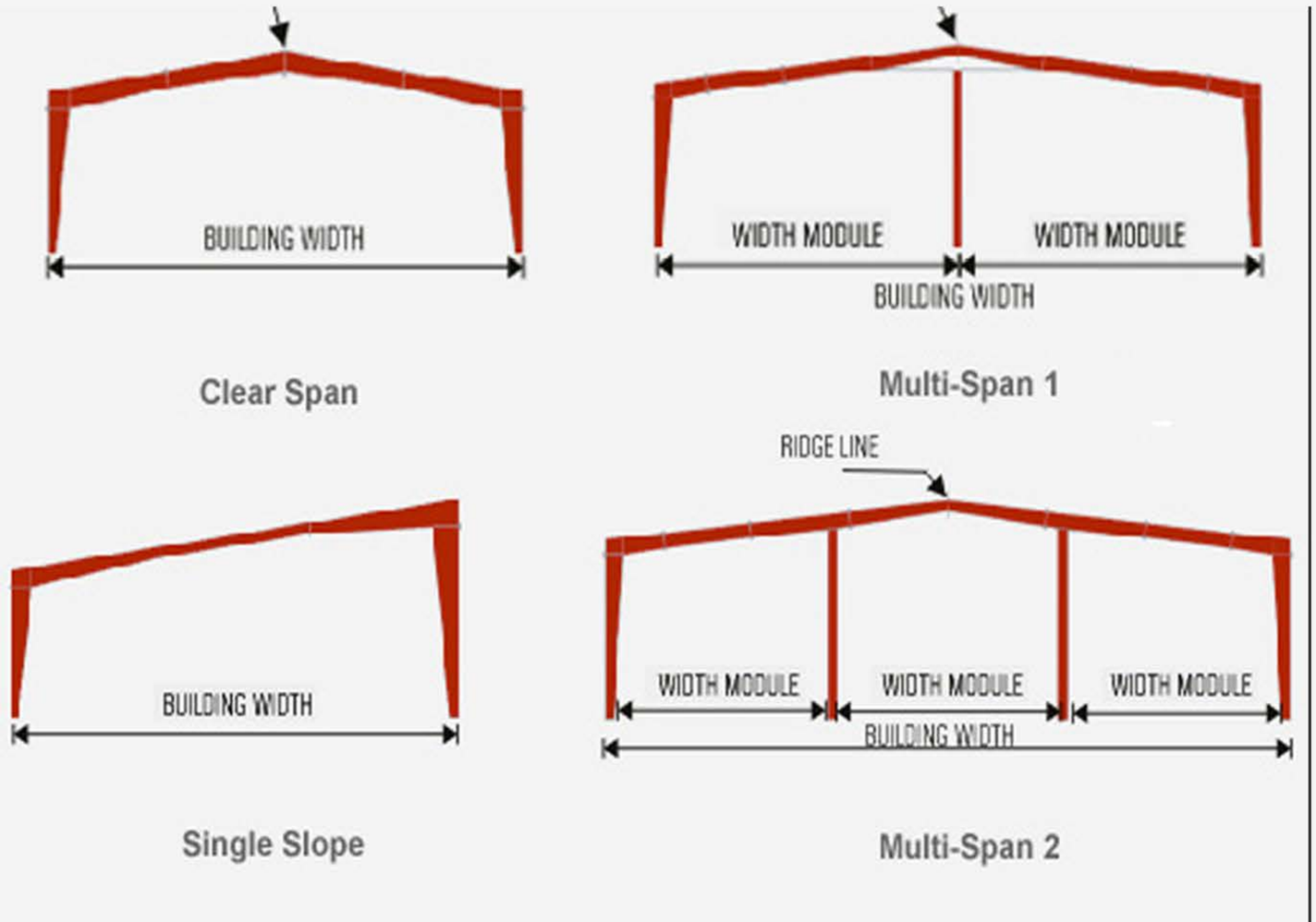


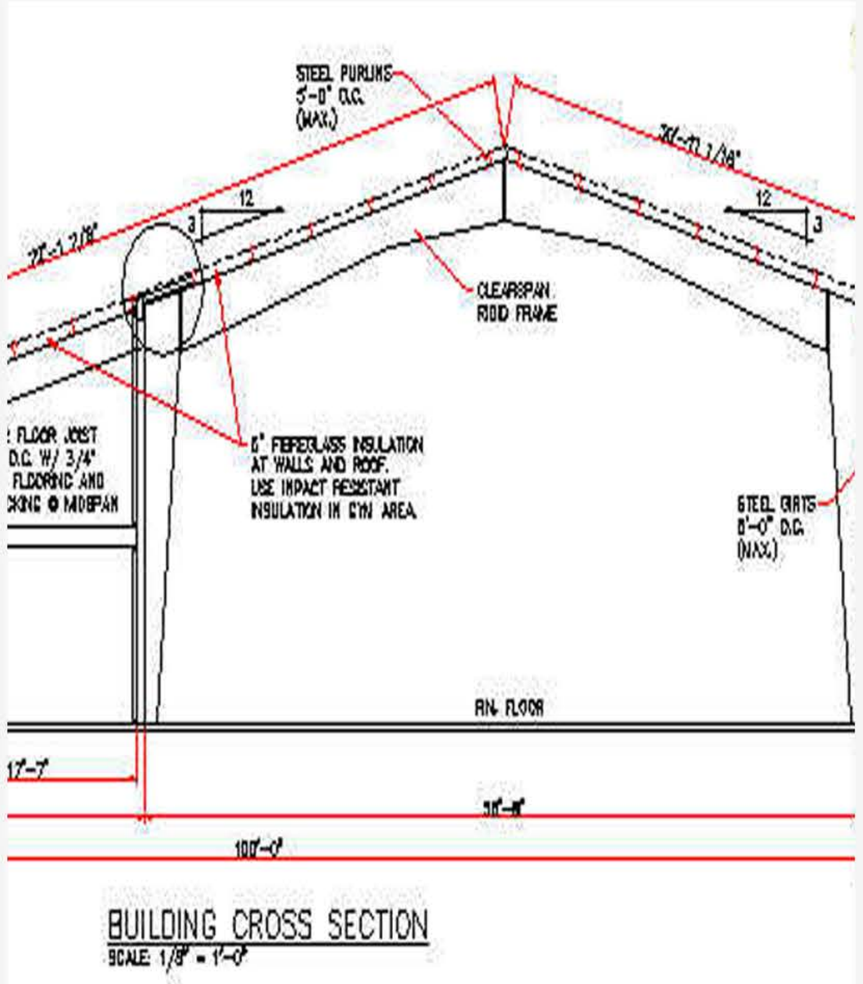
41.Steel Primary Structures
-Hot Rolled Frames





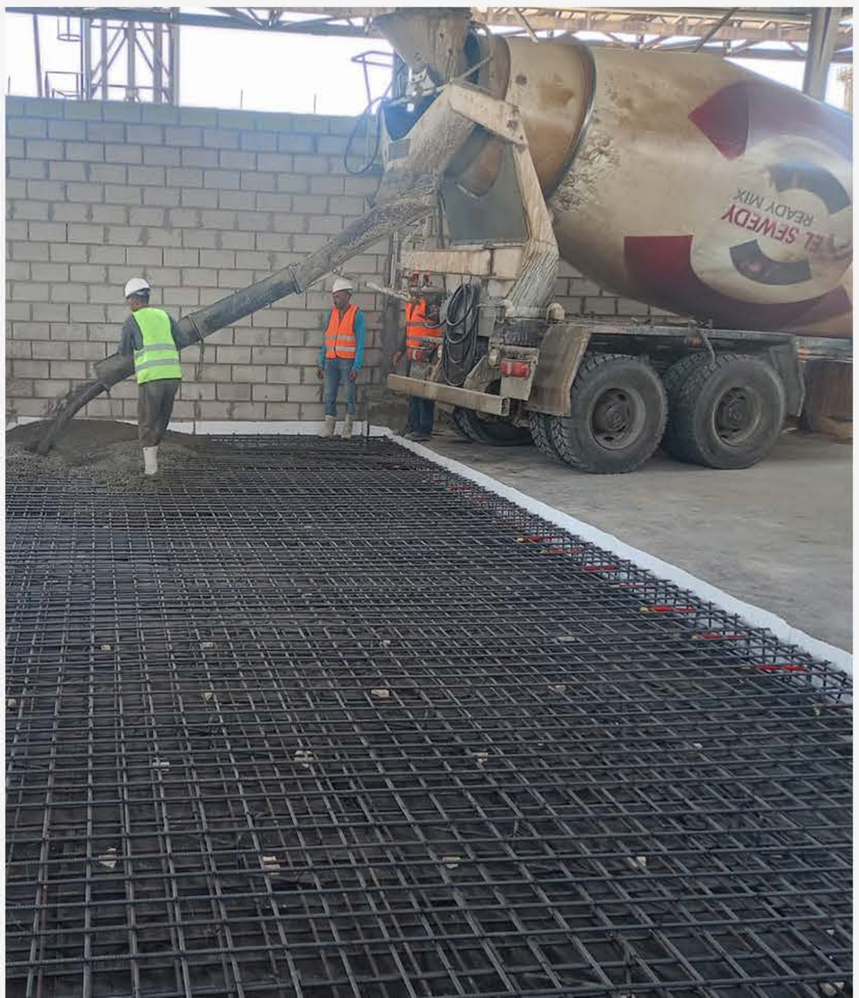






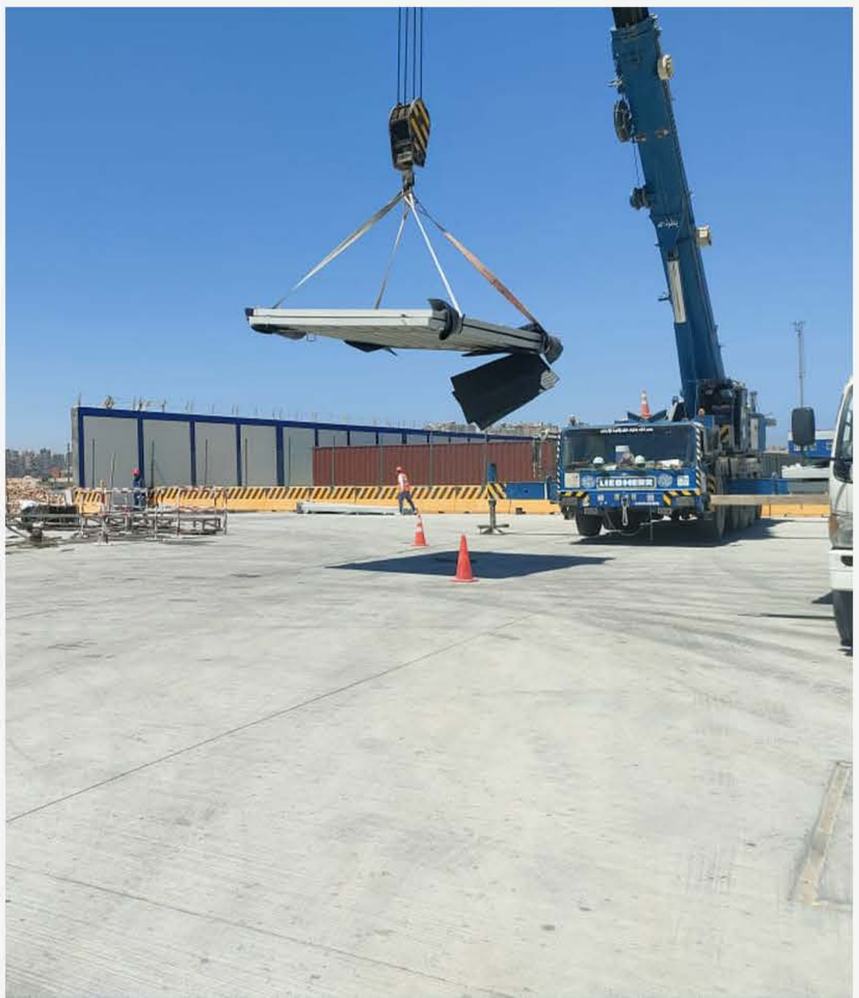
42-Installation of Warehouse in BGC Area

-Client: DP World SOKHNA Port
-Project details: Project entails the construction of a new warehouse facility in the BGC area. This comprehensive project involves the~ erection of a sturdy steel structure, the construction of concrete walls and foundations, the installation of essential utilities like electricity, water and Fire system, and the provision of a secure and functional workspace.



43.Supply and Installation of High-mast steel barriers

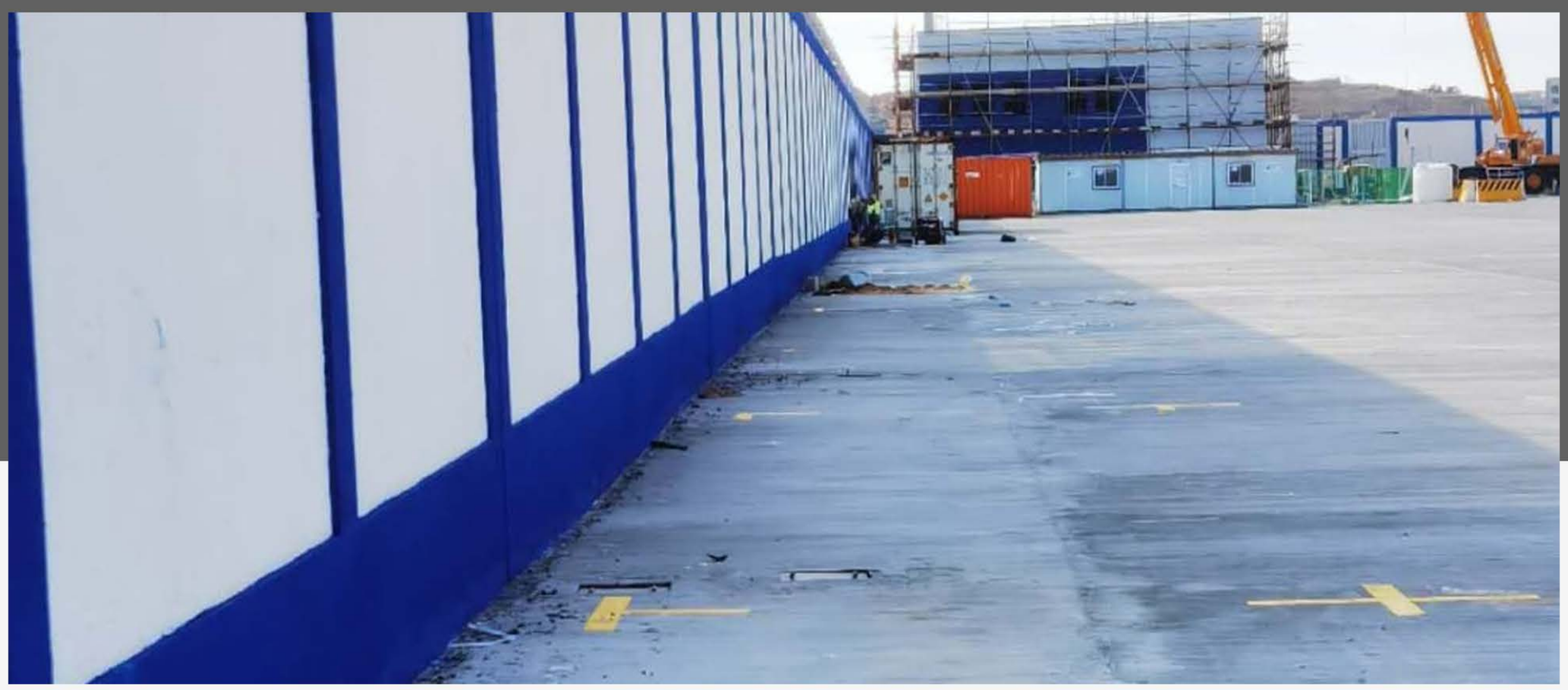
-Client: CHEC in Hutchison Ports Abu Qir Container Terminal
-Scope of work: Supply and installation of Emergency gates
-Project details: This project entails the design, fabrication, and installation of emergency gates along the external fence of the port. The scope of work includes both civil activities, such as preparing the gate openings and foundations, and the fabrication and installation of the gates themselves.

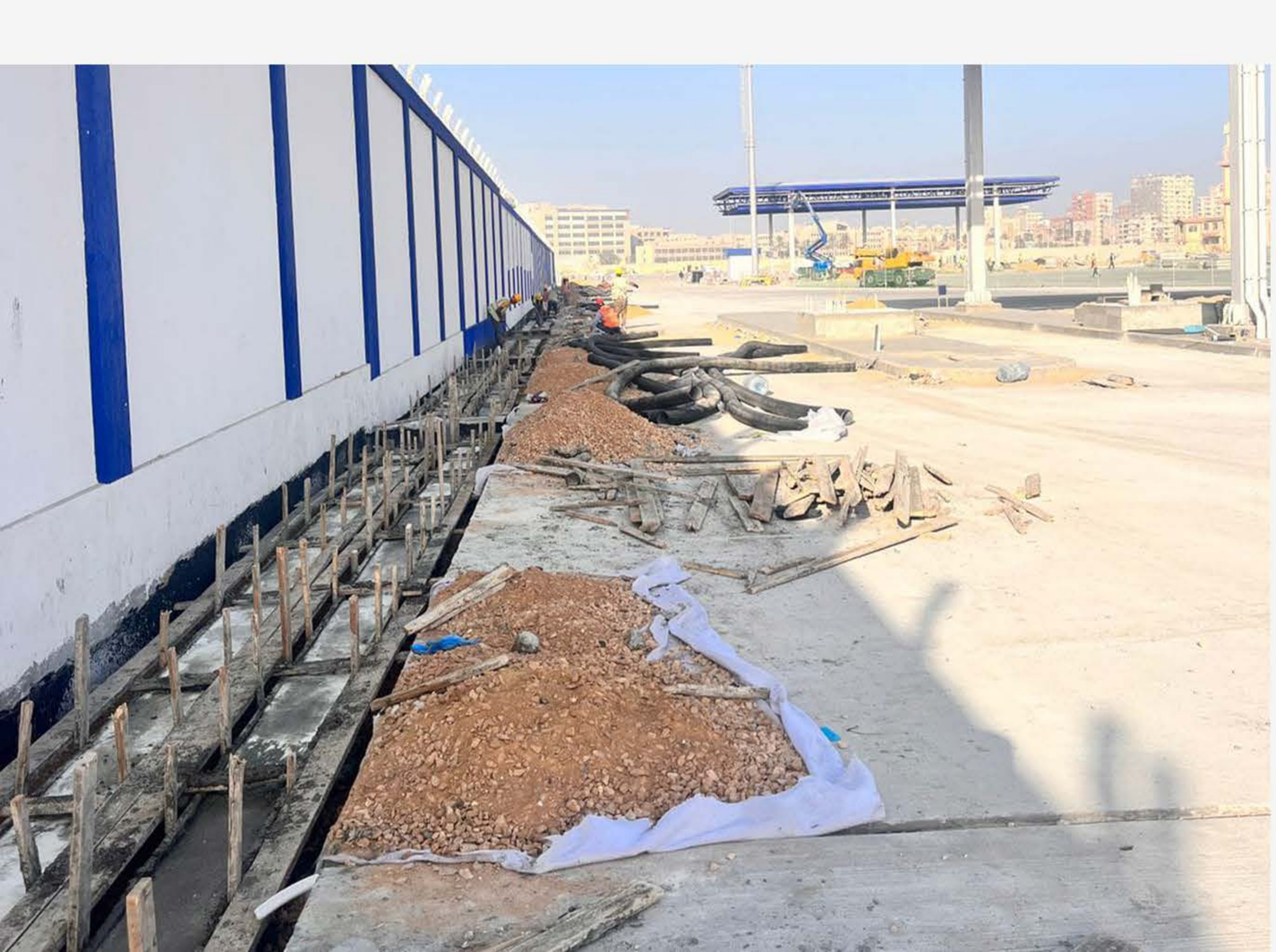


44.Supply and Installation of 2500ML of IT Route

-Client: CHEC in Hutchison Ports Abu Qir Container Terminal

-Scope of work: Supply and installation of 2500 ML of IT route duct and manholes.





Quality Process

1. Workmanship Excellence:

-A team of skilled professionals dedicated to delivering craftsmanship of the highest quality.
-Continuous training and development programs to stay at the forefront of industry best practices.
-Attention to detail in every phase of construction, from planning to execution.

2. Innovative Solutions:

-Embracing cutting-edge technologies and industry innovations for superior project outcomes.
-Collaboration with leading experts and partners to integrate the latest advancements.
-Customized solutions that address unique project challenges and requirements.

3. Stringent Quality Control:

-Robust quality control measures at every stage of the project lifecycle.
-Regular inspections and assessments to ensure adherence to specifications and regulations.
-Utilization of top-tier materials and components for lasting durability and performance.

Quality Process

4. Customer Satisfaction:

-Client-focused approach, understanding and prioritizing their needs and expectations.
-Transparent communication throughout the project, keeping clients informed and involved.
-Proactive problem-solving to address challenges and ensure complete client satisfaction.

5. Environmental Responsibility:

-Implementation of eco-friendly practices and materials to minimize environmental impact.
-Compliance with industry sustainability standards and regulations.
-Consideration of long-term environmental implications in every decision and action.

HSE Policy

Occupational / Workplace health and safety policy

Policy brief & purpose

-Our Occupational / Workplace Health and Safety Policy help us preserve the best possible work conditions for our employees. Every employee has a right to feel safe at work. CTS Gulf is committed to follow legal standards and create a hazard-free workplace.

-Our Occupational / Workplace Health and Safety Policy help us preserve the best possible work conditions for our employees.

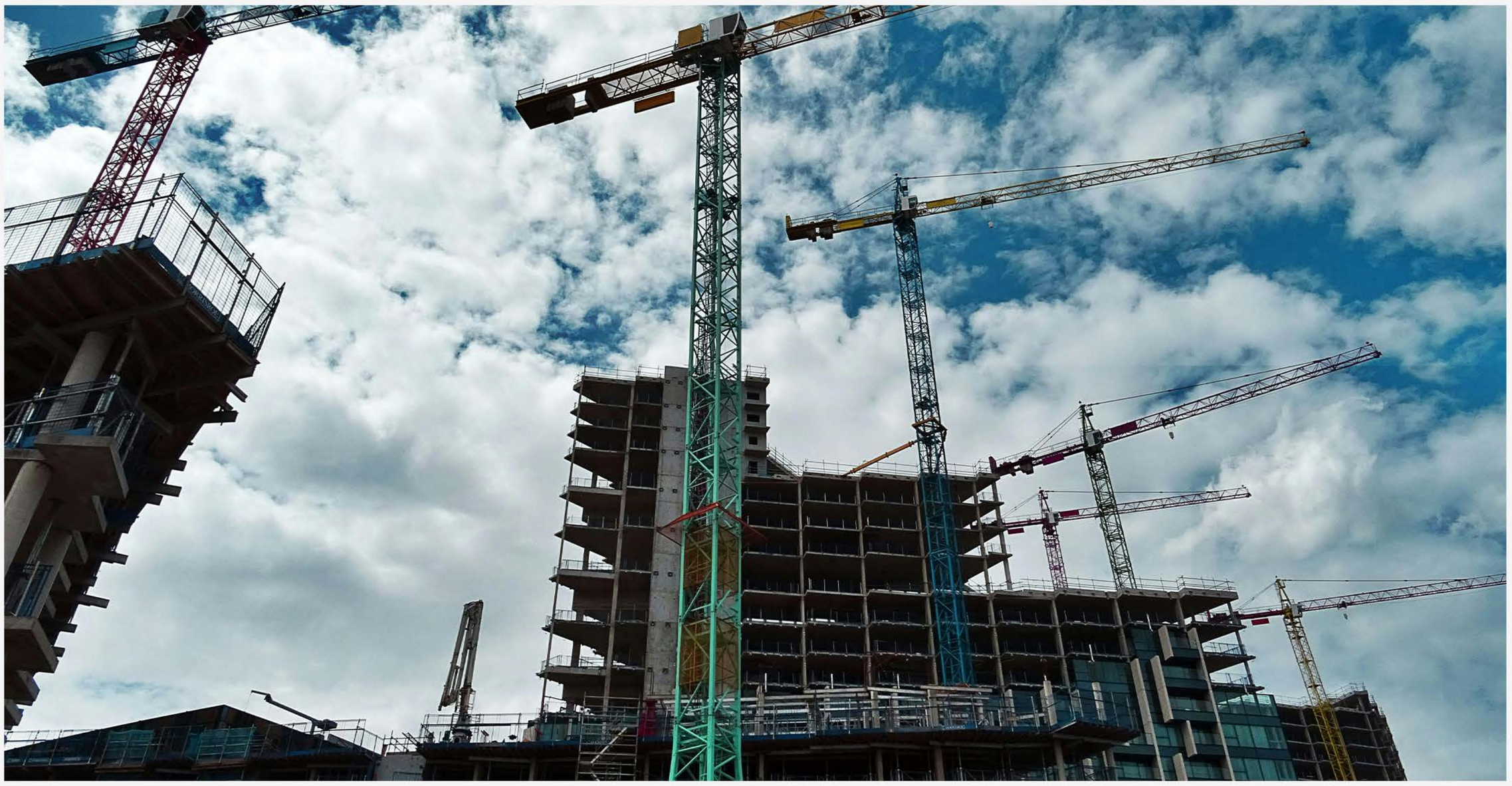
Scope

This Occupational / Workplace Health and Safety Policy applies to all prospective and current employees of CTS Gulf Company.

Policy element

-Preventative Action.

-Emergency Management.



Preventative action

-Preventative action is any action we take to avoid injuries or illness related to workplace conditions.

-We'll conduct periodical risk assessments and job hazard analysis to discover what is likely to harm employees

- We'll establish preventative measures accordingly.

Potential threats and dangerous situations include but are not limited to:

. Performing tasks on heights, scaffolds, ladders and other unsteady structures

. Chemical substances (toxic, flammable etc.)

. Operating dangerous equipment

. Slippery or uneven surfaces

. Electrical infrastructure

. Noise/temperature

. Quality of air

We'll take the following preventative measures:

. When employees work in dangerous contexts or locations, we'll make sure there are safety precautions like safety nets and ropes.

. We'll provide protective gear like gloves, helmet, Safety shoes, protective uniforms, goggles etc. Using safety equipment is obligatory.

. Inspectors and quality control employees will inspect equipment and infrastructure regularly.

. We'll hold employee training sessions in health & safety standards and procedures.

. All highly dangerous job tasks require at least two employees to be present.

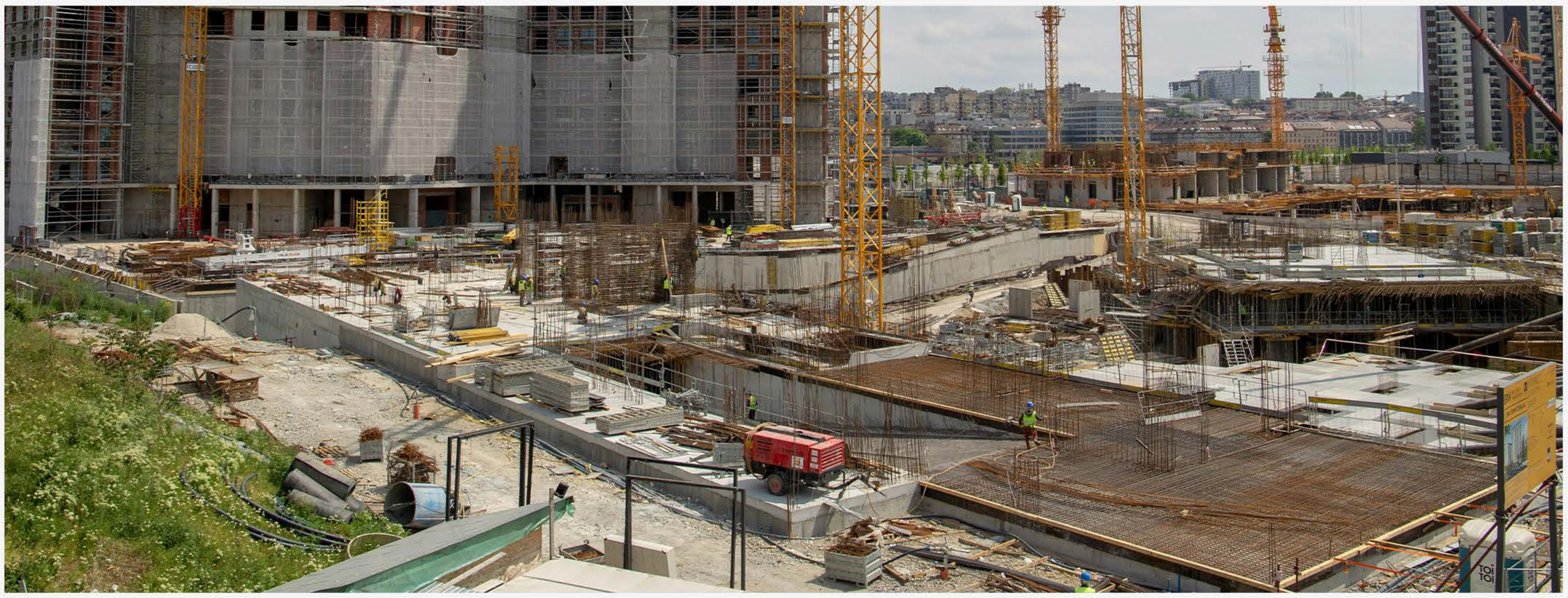
. Exposure to chemicals and radiation will not exceed a certain time limit.

. Employees who do repairs or cleaning need to put up caution signs.

. We'll prohibit smoking indoors.

Emergency Management

Emergency management refers to our plan to deal with sudden catastrophes like fire, flood, earthquake or explosion. These depend on human error or natural forces.



Our emergency management involves the following provisions:

. Functional smoke alarms and sprinklers that are regularly inspected by [maintenance supervisor]

. Technicians (external or internal) available to repair leakages, damages and blackouts quickly

. Fire extinguishers and other fire protection equipment that are easily accessible

. An evacuation plan posted on the walls of each floor and online

. Fire escapes and safety exits that are clearly indicated and safe

. Fully-stocked first-aid kits at convenient locations

We'll also schedule fire drills and emergency evacuations periodically. We will monitor performance of health and safety procedures and will revise them to ensure higher level of protection.

Additional measures

Our company will also keep abreast of changes and try to promote health & safety actively. We will:

. Update our policy according to changes in occupational health and safety legislation.

. Use incentive actions for health & safety (e.g. presenting safe employee awards.)

. Analyze past incidents to discover what went wrong.

. Establish clear procedures for accident reporting.

. Revise work procedures to make them safer.

CTS Gulf will also consult experts or insurance representatives to ensure it complies with local and international standards.

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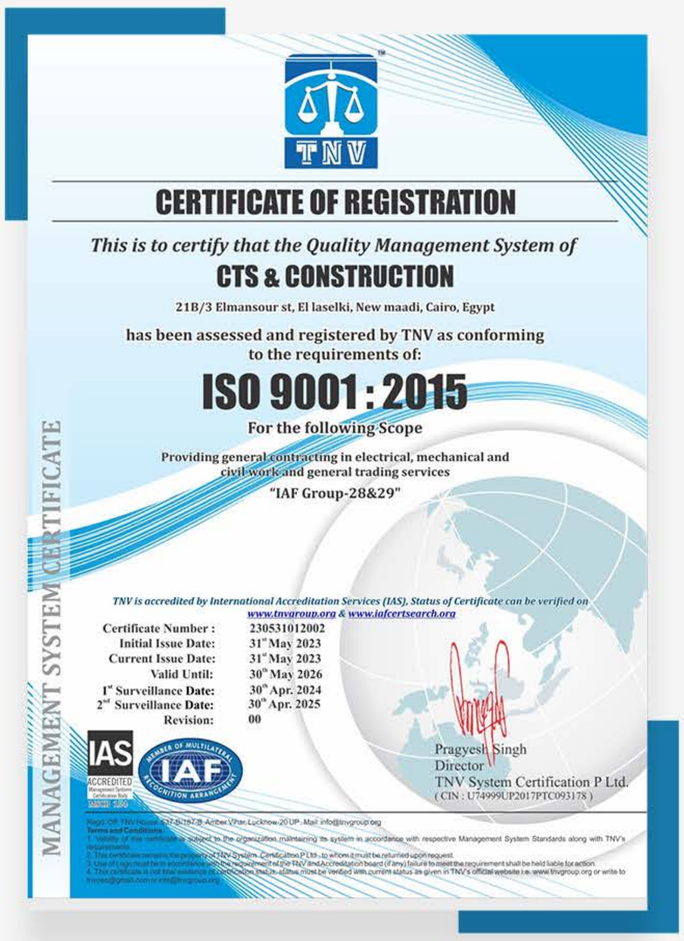

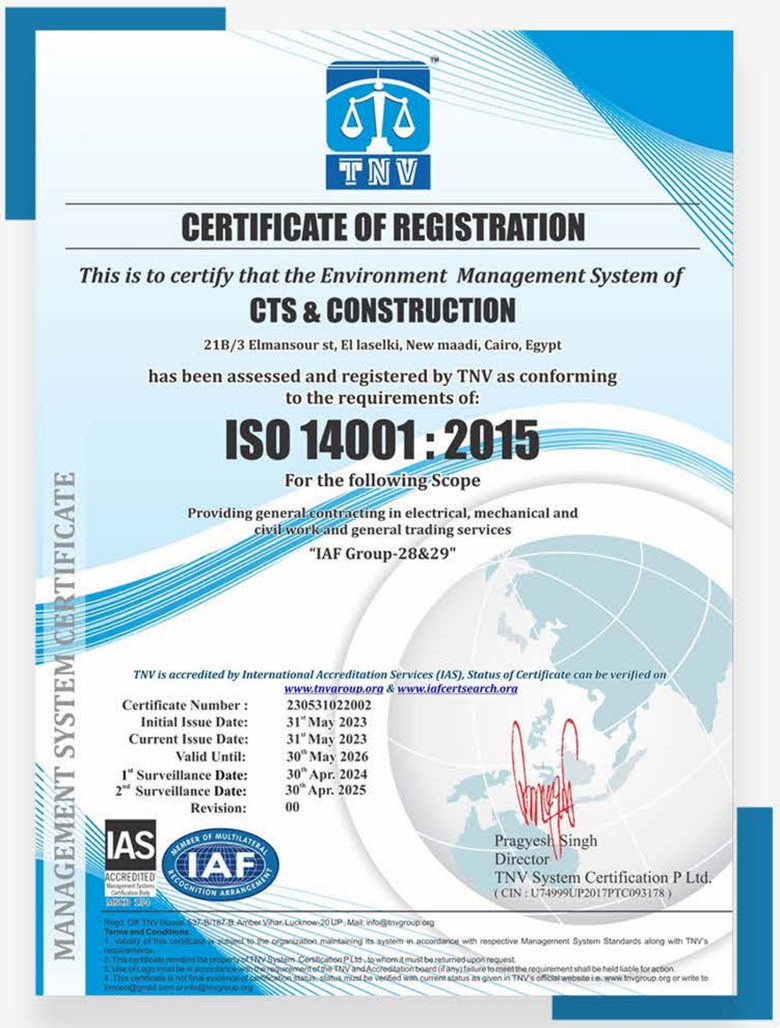

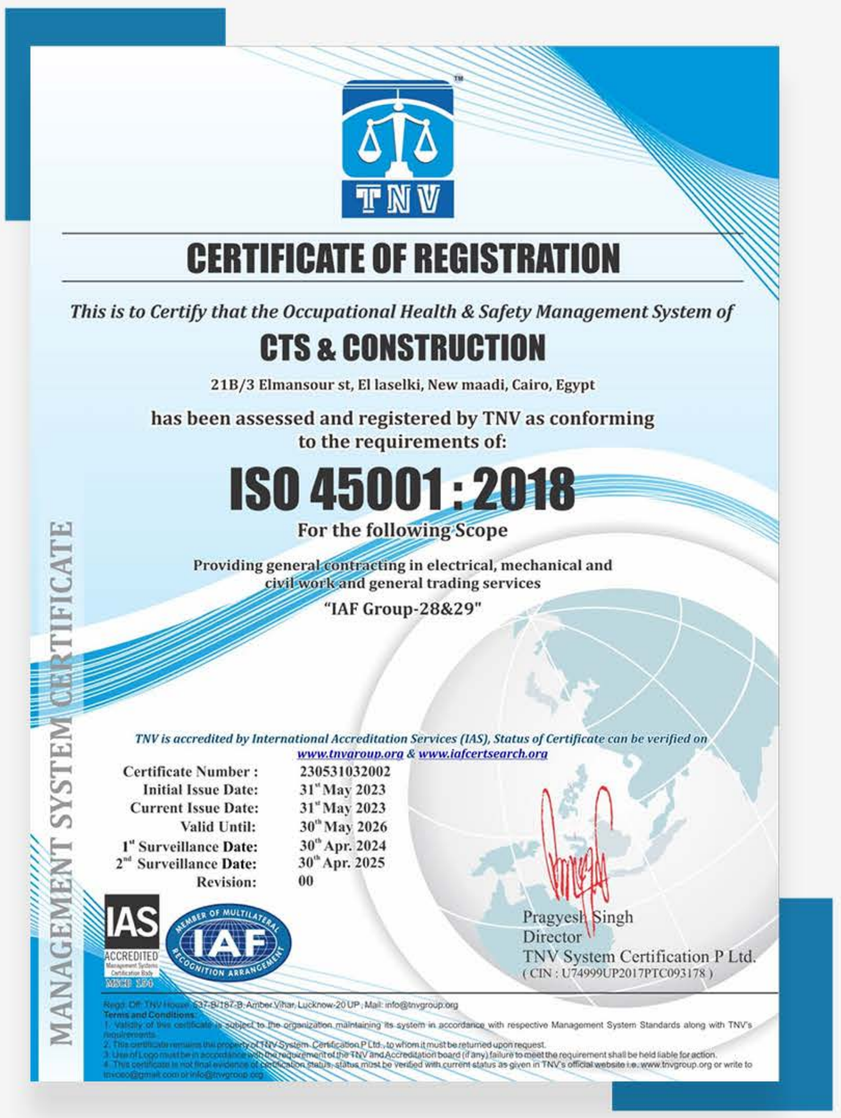

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