





MODERN GROUP

Modern Group (MG), An Egyptian Company holds the majority interest in the Multi JV's and will provide all the construction activities, suppliers, commissioning, Supervision and design with the support of international partners for Middle East. MG possesses more than 21 years of experience in design and construction of projects In Egypt. The company maintains an outstanding records of safety, timely completion, And client satisfaction in all of the projects executed so far.

ORGANIZATION

Our organization chart for the above projects, illustrating the appropriate line of authority, Is provided yet flexible project organization incorporates defined responsibilities and Proven systems with established control mechanisms in place to minimize any Potential risk to the client. These serve as an early warning system, enabling MG To monitor the baseline at all times. Our key personnel will interface and communicate with the client to achieve and maintain a Shared Vision on the four project objectives Of Scope, Schedule, Budget, and level of quality. They will also lead our team in partnering with the client to ensure there is a thorough understanding Of all aspects during execution of the mission.

OUR TEAM WILL ALSO ENSURE THAT :

- The technical objectives are met safely and in a best-value, high-quality manner.
- The most qualified candidates are identified and used for all aspects of the project.
- All subcontractors are properly focused on the project objectives.
- Our team interacts positively with the client to actively engage him in the process.

- DESIGN 
- SUPERVISION 
- CONSTRUCTION 
- TESTING 
- OPERATION 
- MAINTENANCE 





PAINTING SYSTEM

Painting technology is an important part of any modern manufacturing.

The correct choice of method of painting allows to provide not only the required surface protection, but also an appropriate decorative and aesthetic properties with airless technology.

Construction industry and large equipment manufacturers require custom painting booths Or hangers to meet their specific product challenges. When you're exploring the diverse world of paint finishing, the paint booth is a piece of kit that you simply won't be able to ignore.

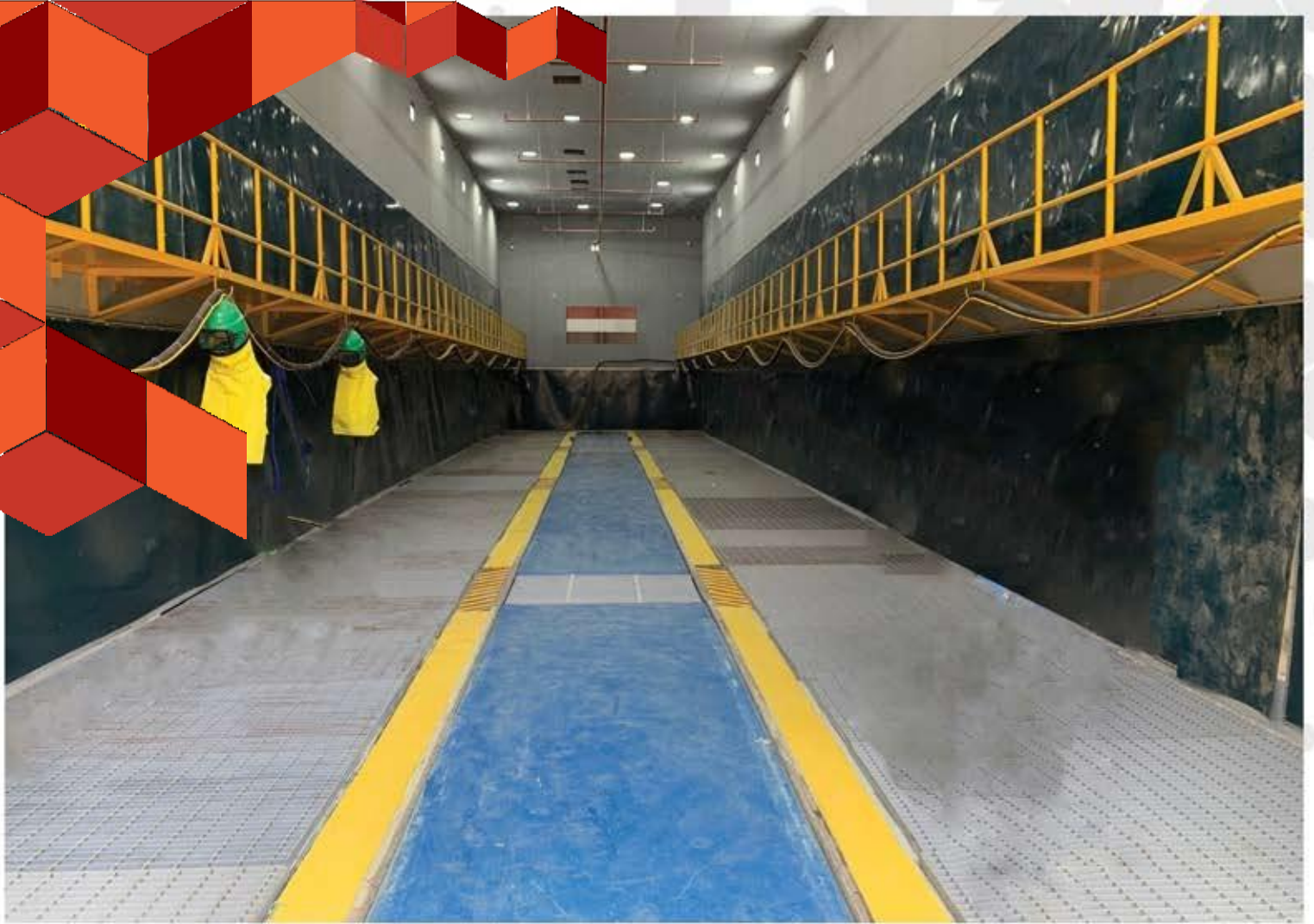
Whether you're a new operation looking to set up shop or a more established outfit looking to expand or update your facility, knowing the key components of paint booth design is essential.

Paint spray booths are multi-purpose work areas that collect airborne residue and filter air during the Coating process including putting. Booths have two main functions.

The first is gathering "overspray" during the application process – which is the paint or coating that Gets into the air. Containing overspray stops chemicals from permeating your shop or escaping into the atmosphere.

A paint booth's second main function is filtering incoming air to remove dust and other floating particles. Filtered air is important for creating glass-like finishes and inhibits contamination of your shop's air quality. We believe, highest efficiency in a spray booth can only be attained when the capacity, size and other specifications are best suited to the kind of work that is performed.





SHOT BLASTING SYSTEM

Shot blasting involves forcibly propelling a stream of abrasive material against a surface using high-pressure air through a nozzle.

Shot Blasting is a method used to clean, strengthen or polish metal, it is used in almost every industry that uses metal.

There are two technologies used: Wheel blasting or air blasting. Shot blasting is used in almost every industry that uses metal, including:

- Aerospace.
- Automotive.
- Construction.
- Foundry.
- Shipbuilding.
- Rail.
- Airport, plane & aircrafts.
- Railways.
- Military Division .
- Steel manufacturing.

Blast Cabinet and Hangers:

The blast cabinet and hangers is the "body" of the shot blast system. The best cabinet performs two purposes; one is to support the wheels and second to contain the steel shot within a confined area and recover it back to the primary storage hopper (recycle). The cabinet is usually fabricated from manganese steel and AR plate.

The blast cabinet must withstand years of heavy-duty wear in a three shift, 24 hours-a-day capacity.





WASHING CABINET

A washing Cabinet is have a washing machines and recycle system that washes dirty in the have equipment, designed to purify waste water with its further use in a closed loop circuit and delivers

A washing Cabinet is have a washing machines and recycle system that washes dirty in the have equipment, designed to purify waste water with its further use in a closed loop circuit and delivers chamber body is supporting structure made of a special aluminum or Special Steel profile filled with Stainless steel sandwich panels.

Celling chamber for filtration, watertight fixtures ,floor epoxy, devices for cleaning, heating and supplying of inlet air, a ventilation system with devices for removing water and air evaporation, illumination lights in accordance with OSHA and international safety requirements.



Water Treatment and Recycle



Washing Machine





INDUSTRIAL SERVICES

In 2000, we began operating our industrial construction and Millwright Divisions in response to the outgoing demand for improvement to The areas Industrial Infrastructure.

Today, Modern Group Industrial Construction and Divisions are performing work throughout the country For a wide variety of industrial producers. Included, Putting Hangers, Washing hangers, Painting Hangers , Shot blasting Hangers for Having duty equipment and many kinds of Traverser .





ELECTRICAL DISTRIBUTION

Modern Group is a special company for electrical distribution (is highly specialized for) Electrical Distribution System, Management, Design and Installations of custom solutions for commercial, institutional, and industrial clients, design, install and maintain all facets of a low voltage system, medium voltage and related electromechanical and civil scope

Modern Group assures customers of a single source to meet all their communications needs.

From design and construction, to maintenance and repair.
All systems and services are in strict adherence to industry standards, local codes, and safety.

Our integrated solutions optimize performance while reducing overall cost and complexity, Design, implementation and delivery of electrical distribution system.

Low voltage, medium voltage, switchgear, switch board, light current.
In-plant distribution systems.
Motor control centers and breakers.
Generating systems.
Instrumentation, installation and calibration.
Fiber optic cabling and splicing.
Emergency repairs.
Plant-wide electrical maintenance.
Design build services.





ENGINEERING & CONSTRUCTION

Our integrated engineering and construction capabilities can efficiently upgrade production installations, expand client facilities and keep assets complaint to the latest requirements, both as main or as subcontractor.

We have proven project management procedures in place to manage construction projects of all types, sizes and degrees of complexity. We have proven the resources to manage your projects safely, efficiently and within schedule.

Our engineering & construction offering:

- Construction support services.
- Project management services.
- Management and coordination of civil works and other subcontractors.
- Risk analysis, procurements work preparation and project execution planning.
- Skilled technicians and supervision supported by experienced project management.
- Safe and predictable project execution.
- Quality management and quality assurance documentation.

