



SHIPYARD OPERATIONS



Shipyard Operations



ClassNK
APPROVED



CEO's MESSAGE

Heavy Engineering Industries & Shipbuilding Co. K.S.C. (Public), (HEISCO) is a major Engineering, Procurement and Construction (EPC) Contracting company based in Kuwait with a diversified range of business in Oil and Gas, Petrochemicals, Power, Pressure Equipment Manufacturing, Shipbuilding & Repair, Dredging & Marine Construction, Civil Construction, Maintenance and other industrial services including Heavy Industry projects.

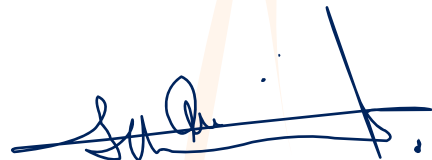
HEISCO's commitment to its clients is proven by its quality management system certification to ISO 9001: 2015 and Occupational Health & Safety Management System certification to ISO 45001: 2018 and the Environmental Management System certification to ISO 14001:2015 standards. HEISCO is one of the approved contractors of Central Agency for Public Tenders (CAPT) for Civil Construction - Category 1, and Electrical works - Category 2.

Established in 1974 to initially meet the demands of the shipping and maritime industry in the Northern Arabian Gulf, HEISCO expanded its operations to meet the challenges of emerging markets. Today, HEISCO has become one of the leading industrial companies in Kuwait having made a major contribution to the development of the country's commercial and industrial infrastructure. We have successfully completed several projects in virtually every economic sector. As our diversification continued to grow, so did our reputation for standards of excellence in quality, performance and customer service.

HEISCO's highly experienced & dedicated engineers undertake all engineering activities from concept to commissioning related to the following operations with a very high level of professionalism.

HEISCO's wide ranging fields of activities and capabilities are operated through:

- Shipyard Operations
- Oil & Gas Construction Operations
- Industrial Maintenance Operations
- Fabrication Services Operations
- Trading Operations
- Testing & Calibration
- Quality Control & Testing
- Scaffolding Services
- Galvanizing Plant
- Onshore & Offshore Operations (through Gulf Dredging & General Contracting Co. K.S.C. (Closed) – a subsidiary company)
- Technical Specialized Manpower Supply (through HEISCO for Technical Specialized Manpower Supply Co. W.L.L. – a subsidiary Company)



Chief Executive Officer



**Vision, Mission, Quality Policy and HSE & Security
Pages 2-3**



**Overview of the Shipyard
Page 4**



**Floating Dock
Page 5**



**Syncrolift
Page 8**



**Ship Repair
Page 9**



**New Building
Page 10**



**Alongside Repair
Page 11**



**Workshops
Page 12**



**Commitment To Quality
Page 13**



**Ships Refurbishment
Page 16-21**



**Shipyard - Special Projects
Page 22**



**Diving / Offshore Support Services
Page 23-25**

OUR VISION

HEISCO will become the customer's first preference Company for Shipbuilding, Ship Repair, Fabrication, Construction, Industrial Maintenance, Dredging and Offshore services in Kuwait.

OUR MISSION

We are determined to provide complete service to our customers in the Shipbuilding, Ship Repair, Fabrication, Construction, Industrial Maintenance, Dredging and Offshore works. We are committed to achieve sustained growth rate by meeting the schedule and quality requirements of our customers. We will provide our value added services at competitive prices by evolving efficient cost control measures and regular upgrading of our resources.

QUALITY POLICY

The Organization's Quality Policy is a commitment to comply with the requirements of the quality management system and continually improve its effectiveness.

The principles of the Quality Policy are:

- We are committed to provide quality products and services delivered within time and budget, meeting or exceeding customer and applicable statutory and regulatory requirements



- We are committed to continually improve our products and services with active involvement and development of all employees, adhering to the principles of ISO 9001 standard
- The effectiveness and efficiency of our services will be continually improved by measurement, monitoring, providing necessary resources and good working environment

HSE & SECURITY

HEISCO HSE Management System is certified to ISO 14001: 2015 standard requirements and is strictly complying with the applicable legal & other regulations.

Our HSE statistics & performances are sublime on comparison with international standards which is an indication of the high standards that we possess.

HEISCO Shipyard Operations are certified with ISO 45001: 2018 for Ship Building, Rehabilitation, Conversion and Repair.

HEISCO owns a wing of highly trained security team aided with the modern Security Systems, operates as per the International Ship and Port Facility Security (ISPS) guidelines, surveilling the shipyard premises, 24 x 7 to ensure the safety & security of our clients and operations.



OVERVIEW OF THE SHIPYARD

Conveniently located in Shuwaikh deep water harbor, **HEAVY ENGINEERING INDUSTRIES & SHIPBUILDING CO. K.S.C (Public) (HEISCO)** is ideally placed to execute Ship repair & construction at competitive rates.

HEISCO's highly skilled workforce, many having been with the company since its inception, have the skills, ability and training to work on both marine and industrial work.

An optimum organization ensures that lines of communication are short and efficient.

A modern approach to management is applied with emphasis on flexibility in accommodating the needs of clients. The skilled Marine Division workforce together with modern equipment and a strong yard management team provide the perfect combination to ensure minimum delivery times at competitive prices.



Aerial View - Shipyard Operations



FLOATING DOCK



Floating Dock

- Lift Capacity - 14,000 tons
- Vessel Capacity - 35,000 dwt
- Length x Breadth - 190m x 32m
- Centralized supply of Oxygen
- Acetylene, Compressed Air
- Ballast and Fresh Water







شركة الصناعات الهندسية الثقيلة وبناء السفن ش.م.ل.ك (عامه)  O. K. S. C. (PUBLIC)

SYNCROLIFT

A syncrolift with 7 repair bays, ranging in length from 90 to 135 meters, is linked by a transfer system. 5 Berths, ranging from 90 meters to 230 meters in length are serviced along their entire length by 3 luffing cranes

with lifting capacities from 20 to 30 tonnes, that cover the yard's open areas and 10 to 20 tonnes overhead travelling cranes in the workshops and stores.

- Lift Capacity : 2000 T

- Length x Breadth = 90 M x 23 M



Syncrolift



SHIP REPAIR

The shipyard maintains a highly skilled workforce that has developed and mastered the techniques in the area of specialized ship-repair/shipbuilding during their 4 decades of experience.

Our workforce is highly efficient, keeping quality and time in their mind always. We strive to develop our staff skills and techniques constantly to cope with the stringent lines of this business.



NEW BUILDING



Fabrication of Calm Buoy

Turn Table Installation



Final Product



ALONGSIDE REPAIR

HEISCO SHIPYARD has five fully equipped Jetties to accommodate alongside/float repairs.

- Jetty A/B 231.2 m
- Jetty C 100 m
- Jetty D 95.10 m
- Jetty E 337.2 m



Alongside Repair



WORKSHOPS

HEISCO's Shipyard is outfitted with modern engineering workshops that ensure efficient and reliable servicing at all times.



Electrical Test Plant

New building modules and large steel repairs are prefabricated in the 7,800 square meters construction area, of which 3,500 square meters is covered. A covered bay of 1,000 square meters with a height of 18 meters which is directly linked to the repair-bay/syncrolift facility has been added. A large steel construction hall, covered repair and new building hall, sheet metal and steel outfitting shop, pipe shop, electrical workshop, wood



workshop, toolmaker's shop, blasting and painting plant, and fully equipped laboratory are located on an area of 200,000 square meters in the yard.



COMMITMENT TO QUALITY

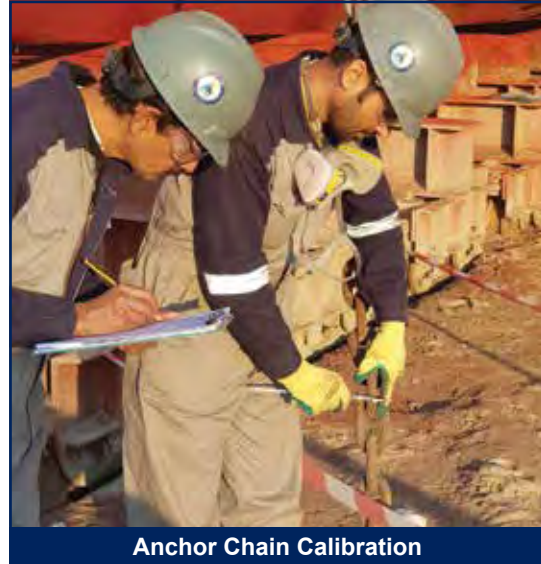
HEISCO Top Management has committed to provide Quality Services to the customers.

HEISCO has developed and implemented a Quality Management System in order to document its best business practices, satisfy the requirements and expectations of its customers and improve the effectiveness of overall management of HEISCO activities including the Shipyard Operations. The Quality Management System of HEISCO is certified to ISO 9001: 2015 requirements.

HEISCO Shipyard has an exclusive QA/QC team to support the Shipyard Operations with the guidance of Corporate QA/QC Department. HEISCO has developed and implemented Quality Management System procedures specific to Shipyard Operations to meet the specific requirements of the industry.

HEISCO is capable of providing a wide array of Testing & Calibration Services with High accuracy through its Testing & Calibration Laboratory which has been accredited to ISO 17025 requirements.

HEISCO is also providing Non Destructive Testing (NDT), Heat Treatment and Third Party inspection services to its customers with high quality. Moreover, ABS recognizes HEISCO as a recognized External Specialist in Non-Destructive Examination (NDE).



Anchor Chain Calibration



NEW WORKSHOP

Mechanical Workshop (2,025 M²) and Piping Workshop (960.3 M²) Upgrade completed in 2019 with Investment of \$. 1,042,760.000, which gave drastic improvement to work environment. Existing flooring replaced with new reinforced concrete floor slabs with heavy duty concrete surface protective coating, resin coating, and drainage system. New Roof Cladding and External Wall cladding with insulated sandwich panel installed. Fire proofing to steel structures, new slide door installed. New False Ceiling, Lighting systems, Ventilation system and Roof Top Fans are installed, Color coding of work area done.



السلامة هي أولويةنا الأولى
SAFETY IS OUR NO. 1 PRIORITY
أولاً السلامة
ثم الإنتاج
STOP ACCIDENTS
BEFORE THEY START FOR!

ZILCANDAN
PRESSURE PUMP

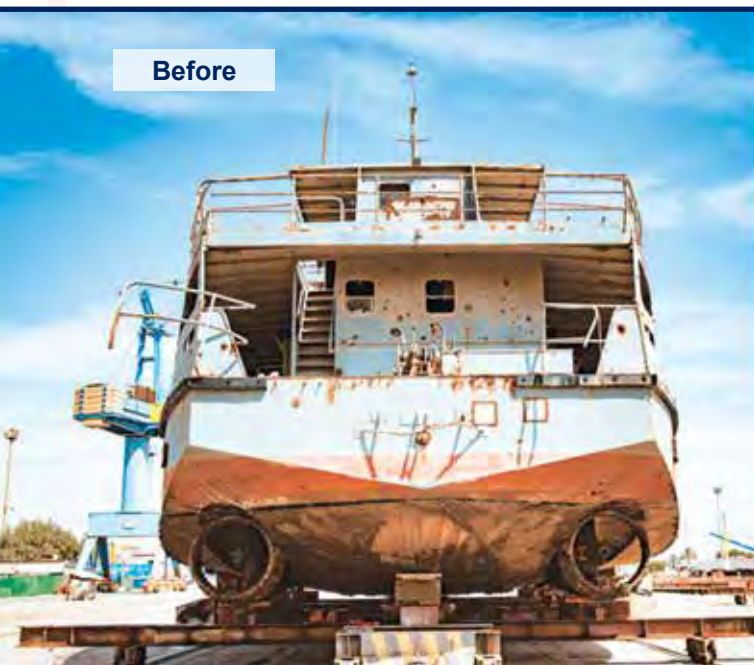
WATER TANK

SHIPS REFURBISHMENT

HEISCO Shipyard has refurbished various types of Ships, Dredgers, Naval Vessels and many other Marine Crafts. All jobs have been performed up to the highest approved International Maritime Standards & following Classification Societies Rules & Regulations. The scope of work covers -but not limited to- the following Works :



- Steel (Structural & Non-Structural)
- Pipes & Hydraulic
- Normal / High pressure Pipes & Ultra High pressure (Hydraulic) Pipes
- Engine Room Main & Auxiliary Machinery
- Deck Machinery & Equipment



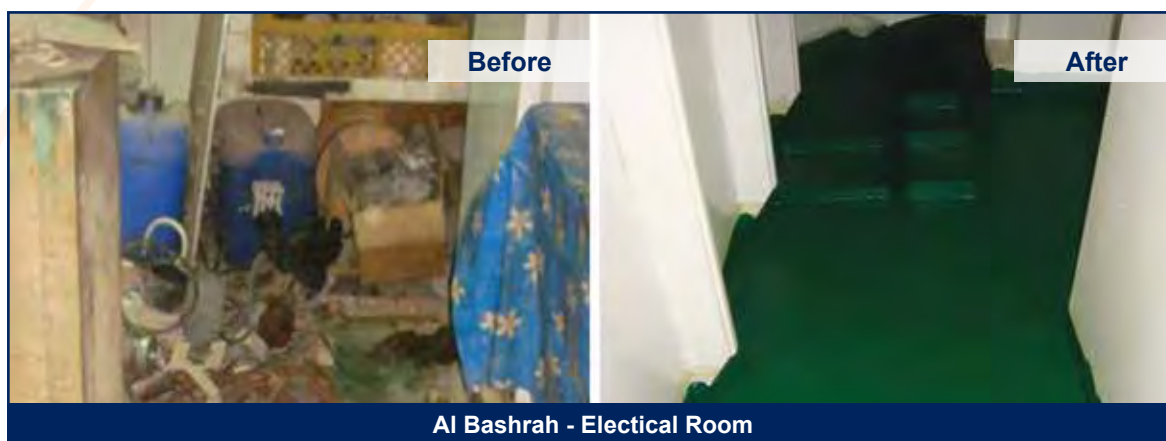
- Stern Gear System
- Steering Gear System
- Electrical (Power & Lighting)
- Preservation (Blasting & Painting)



- › External Hull
- › Cargo Holds
- › Various Tanks
- Accommodation :
 - › Sound & Heat Insulation

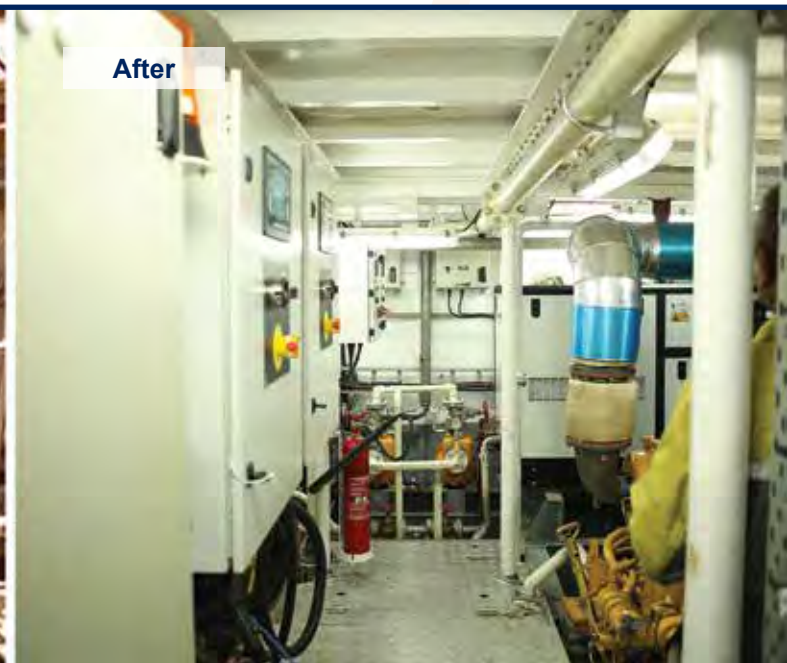
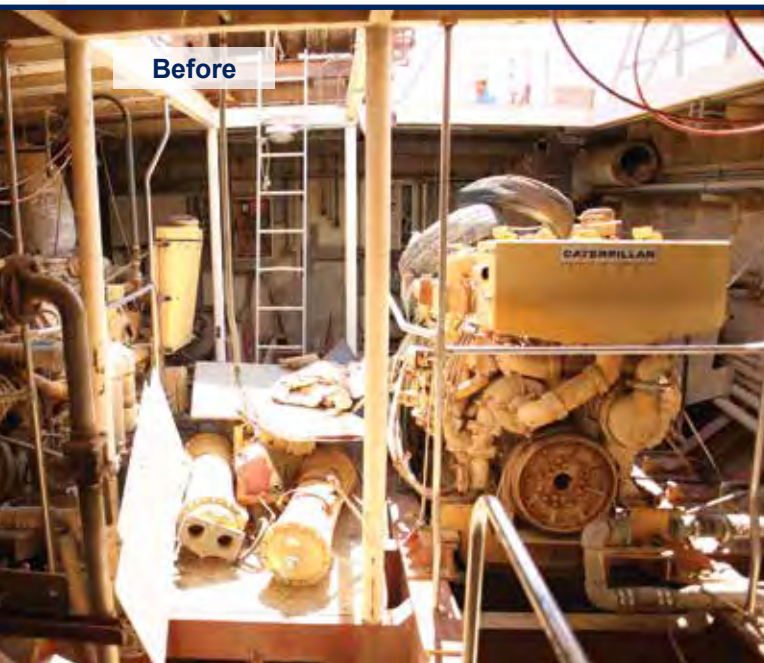


SHIPS REFURBISHMENT Cont...





SHIPS REFURBISHMENT Cont...





- › Furniture
- › Sanitary & Plumbing
- › Shower & W.C.
- › Galley & Equipment
- › HVAC
- › Intercom & Talk Back

- › Entertainment Systems
 - Navigation & Communication Systems
 - Safety / Fire Detection, Alarm & Fighting Systems
 - Life Saving Equipment & Appliances
 - Engineering Calculations & as Built Drawings



SHIPYARD - SPECIAL PROJECTS



SERVICES AND CAPACITIES

SPECIAL PROJECTS - SHIPYARD: FIELDS OF ACTIVITIES

- › Technical Manpower Supply
- › Offshore Works
- › Marine Spare Parts Agency
- › Crewing & Fleet Operation
- › Diving Services

HEISCO-5



HEISCO-6



DIVING / OFFSHORE SUPPORT SERVICES

- Marine Growth Removal of vessels & sub-sea structures
- Anode Installation / Replacement
- Bolt Tensioning
- Underwater Structure / Jetty Pile Maintenance
- Fender installation & Removal
- Spool Piece Maintenance
- SPM's PLEM Maintenance
- Risers Maintenance
- CALM Buoys Maintenance
- SPM's Subsea Hose Maintenance
- SPM's Anchor Chain Maintenance
- In-water Surveys for offshore structures and vessels, certified by major international classification societies
- Underwater Salvage
- Underwater high-quality video / filming / still photography
- Underwater welding and cutting services
- Underwater high-pressure cleaning of intakes and outlets of oil refineries, installations and powerplants
- Seabed inspection and surveys
- Underwater search and recovery operations
- PowerStation underwater maintenance, Stop Log & Trash Log removal and installation
- Debris Removal
- Pipeline Free Span Surveys
- Pipeline Inspection
- Clamp Installation / Replacement
- Assistance for Pigging of Pipeline
- Boat Landing Platform
- Marine Growth Measurement
- Chain Angle Measurement
- Drift Measurement of PLEM
- UT examinations
- CP Readings
- Weld visual Inspection



HEISCO DIVING EQUIPMENT

Sr. No.	Description	Quantity
1	Decompression Chamber with Three Diver Panel (20' Containers).	3 Nos.
2	High Pressure Breathing Air Compressor.	11 Nos.
3	Low Pressure Breathing Air Compressor.	2 Nos.
4	Diving Umbilical. (With & without Camera Cable).	22 Nos.
5	LARS (Launch and Recovery System)	2 Nos.
6	Portable Two Diver Pannel	6 Nos.
7	Diving Helmets (KMB 37, KMB 28 & KMB18)	17 Nos.
8	Underwater CCTV (Video System)	4 Nos.
9	Underwater Still Camera. (Photo & Video Camera)	8 Nos.
10	C P Meters. (Underwater Cathodic Protection Gauge.	3 Nos.
11	U T Meters. (Ultrasonic Underwater Thickness Gauge).	3 Nos.
12	S R P System (SCUBA Replacement Panel)	3 Nos.
13	Communication System (Amcom)	8 Nos.
14	Oxygen Quads (12 x 50 Liters)	6 Nos.
15	Air Quads (12 x 50 Liters)	12 Nos.
16	SCUBA Cylinders. (10 Liters)	81 Nos.

Decompression Chamber



HEISCO DIVING EQUIPMENT Cont..

Sr. No.	Description	Quantity
17	Hydraulic Power Pack. (Up to 120 to 220 Bar)	04 Nos.
18	Brush Cart Unit. (for Hull Cleaning)	02 Nos.
19	Propeller Polisher	02 Nos.
20	H P Water Jet Machine (35000 PSI)	02 Nos.
21	Metal Detector	06 Nos.
22	Cavit dyne 1625-D	02 Nos.
23	Brocco Cutting /Welding Torch with cable	04 Nos.
24	Electric cutting / Welding Machine	04 Nos.
25	Rubber boat – 20 Feet.	04 Nos.



HEISCO-7



HEISCO-3



MASHARIF-7



Rev.10 - Aug 2025