

# Industry Sectors

## Oil & Gas, Refinery



Nass Industrial Services/Nass Mechanical Contracting Co. WLL is a pioneer in the offering of integrated design, procurement, construction, and project management of oil & gas plant, refinery facilities. Since last five decades, customers have relied on our expertise to deliver world class engineering & construction services to many refineries as well as downstream plants, pipeline, offsites & utilities, offshore & onshore facilities, tank farms, and terminal facilities. At the same time, communities have relied on our expertise to enhance local knowledge and capacity to sustain long-term economic development.

We have specialized team for Engineering and Construction of Fired Heaters. We design and fabricate any type of fired heater by modular construction or conventional construction.

We have the practical experience, technical background and specialized tools necessary to meet owner specifications, codes & procedures and government regulations. Our engineering management covers the entire spectrum of engineering services, ranging from FEED services, equipment design (static) as well as detailed engineering to construction supervision and project commissioning. We ensure the highest quality standards by combining advanced technology with extensive knowledge and experience.

### **Our Expertise in Oil & Gas, Refinery are:**

- FEED
- Process Design
- Detailed Engineering
- Fabrication
- General Construction
- LSTK
- LSPB
- Sub Contract to EPC
- (EPC) Engineering, Procurement & Construction
- Commissioning Assistance

# Industry Sectors

## Petrochemical



NIS/NMC has provided engineering, procurement and construction services to the petrochemical industry for more than 50 years. We have the capability to design and build everything from storage tank farms to process units, allied chemical plants, pipelines and import/export terminals. Our comprehensive services include FEED services, process design, detail engineering, procurement, fabrication, construction, commissioning assistance and start-up.

Our Engineering Partner "Project Development India Ltd-PDIL" is pioneer in providing engineering and project management solution for Ammonia and Urea Plant facility. PDIL has enormous project experiences in delivering design, detail engineering and project management services to many Ammonia and Urea plant projects in all over the world.

We have our own technology for thermal design of Air Cooled Heat Exchangers. We can provide complete detailed design, fabrication and construction services for Air Cooled Heat Exchangers.

We can execute petrochemical projects using modular construction methods, conventional construction, or a combination of both. In many cases, modular construction allows the project schedule to be compressed and can reduce costs associated with local on-site labor. We can exercise rigorous safety and quality controls during construction in our in-house facilities. Modular construction also minimizes the impact of the project on the customer's operations and allows a number of processes, such as permitting and transportation, to be accomplished concurrently.

### **Our Expertise in Petrochemical projects are:**

- FEED
- Process Design
- Detailed Engineering
- Fabrication
- General Construction
- LSTK
- LSPB
- Sub Contract to EPC
- (EPC) Engineering, Procurement & Construction
- Commissioning Assistance

# Industry Sectors

## Metal & Mining



NIS/NMC is dedicated to providing high-quality engineering, procurement and construction (EPC) services for the industrial manufacturing industry. We are efficient and flexible with our wide-ranging project capabilities and have extensive grassroots project management experience in steel plant and aluminum plant construction, delivering every project with quality craftsmanship and high value.

**Our Expertise in Metal & Mining are:**

- Detailed Engineering
- Fabrication
- General Construction
- LSTK
- LSPB
- Sub Contract to EPC
- Material Handling System
- (EPC) Engineering, Procurement & Construction
- Commissioning Assistance

# **Industry Sectors**

## **Power & Water**



Energy and water, recognized as critical resources worldwide, have become a focal point of NIS/NMC's engineering & construction expertise.

# Industry Sectors

## Power

NIS/NMC provides a wide range of Engineering, Procurement, and Construction (EPC) services to support developers of new plants or operators expanding the capacity of existing facilities. Our skilled project teams deliver project-specific or turnkey gas turbine and thermal power solutions. We have extensive experience in constructing new or previously owned OEM equipment including gas turbines, generators and boilers across all phases of project development.

Our in-house knowledge covers balance-of-plant systems including boilers, HRSGs, condensers, fuel handling systems, precipitators, ash handling systems, water treatment plants as well as the core rotating shaft equipment.

We have a wide range of power plant construction experience in simple cycle, combined cycle, and cogeneration gas turbine power plant projects.

### Our Expertise in Power Generation Projects are:

- Detailed Engineering
- Fabrication
- General Construction
- LSTK
- LSPB
- Sub Contract to EPC
- (EPC) Engineering, Procurement & Construction
- Commissioning Assistance

## Water

NIS/NMC today is one of the leading company in the GCC specializing in engineering, procurement and construction management of desalination plants as well as integrated power/desalination (IWPP) complexes. generation.

In the area of desalination projects, NIS/NMC's experience has included EPC of Multi-Stage Flash (MSF), Multi-Effect Distillation (MED), and Reverse Osmosis (RO) single-purpose and dual-purpose desalination plants. Study and preliminary engineering assignments have included other process designs, namely VTE, VC, hybrid systems - VTE/MSF and VC/VTE/MSF - and electrodialysis. NIS/NMC's staff have extensive experience in various areas of process design, detailed engineering, and construction management.

We also provide a full suite of integrated water and wastewater engineering, procurement and construction services from the detailed engineering phase through to commissioning assistance of water and wastewater treatment facilities, as well as facility upgrades

### Our Expertise in Water Desalination Projects are:

- Process Design
- Detailed Engineering
- Fabrication
- General Construction
- LSTK
- LSPB
- Sub Contract to EPC
- (EPC) Engineering, Procurement & Construction
- Commissioning Assistance

# Industry Sectors

## Cement



NIS/NMC is engaged in turnkey cement plant projects based on EPC or EPCM model, including detailed engineering, project management, equipment manufacture and procurement, civil engineering, installation and erection, commissioning assistance.

**Our Expertise in Cement plant projects are:**

- Detailed Engineering
- Fabrication
- General Construction
- LSTK
- LSPB
- Sub Contract to EPC
- (EPC) Engineering, Procurement & Construction
- Commissioning Assistance

# Industry Sectors

## Infrastructure



**Our Expertise in Infrastructure projects are:**

- Detailed Engineering
- Fabrication
- Erection



## **Nass Industrial Services**

Building 630, Road 102,  
Block 117, Hidd,  
Post Box 669, Manama,  
Kingdom of Bahrain.

Phone: +973 1746 5477

Fax: +973 1746 5485

E-mail: [info@nassmechanical.com](mailto:info@nassmechanical.com)