



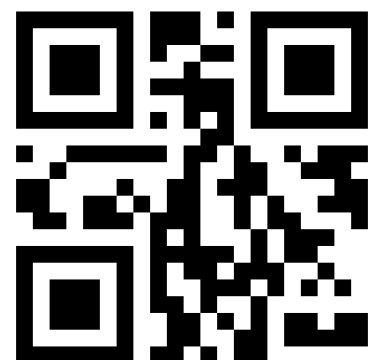
National Construction Company



2022

Precast Concrete Guide

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About Our Company

NCC was established in 1999. We started our business with a clear vision for the future and we have seen our business growing with a fast pace and consider NCC as capable of handling multi-million projects in a short time period.

In 1999, we defined our goals & objectives and so far, have strictly adhered to the methods which we believe will make us to achieve them. Our main strategies were:

1- Ensure a total client satisfaction through 100% commitment to:

- a- High level of quality.
- b- Timely completion of projects.
- c- Safe construction.

2- Ensure an adequate manpower & equipment resources needed to fulfill the a/m requirements.

3- Provide a continuous training for our Engineers, supervisors & skilled labors in order to upgrade their skills.

Needless to say, our strategies have worked well for us . We have established a good relationship with our clients which resulted in an ongoing relation with most of them. We entered in new construction fields and have established business partnerships with reputable firms. We extended our people & equipment resources to allow us more contribution in the construction fields.

Precast Concrete

Precast Concrete

Concrete has been around for centuries made popular for its durability and aesthetic versatility. Adding to the many widely known benefits of concrete, precast concrete has its own unique set of strengths. Not only is it durable and versatile, it's easy on the environment and can significantly reduce construction time.



1. **Saves Construction Time:** Precast Concrete construction saves time, the risk of project delay is also less. The precast concrete casting can be carried on simultaneously with other works on site such as earthwork, survey, etc. and thus saves time.
2. **Quality Assurance:** The key factors which regulate the quality of construction such as curing, temperature, mix design, formwork, etc. can be monitored for Precast Concrete. So, improved quality construction can be performed.
3. **Cost-effective:** The simplified construction process reduces the time, increases the productivity, quality and safety and thus the cost is reduced.
4. **Durability:** Precast Concrete structure has a longer service time period and minimal maintenance. The high-density Precast Concrete is more durable to acid attack, corrosion, impact, reduces surface voids and resists the accumulation of dust.
5. **Aesthetics:** As the structures are prefabricated in a controlled factory environment, several combinations of colors and textures can be used. A wide range of shapes and sizes are available to choose from with smooth finishing and thus the aesthetical value of products are increased.
6. **Safe Construction Platform:** No raw materials have to be stocked in site for Precast Concrete construction. It reduces the requirement of traditional formworks and props, wastage, workers, etc. and thus provides a safe working platform.

Precast Portfolio

A Brief Story About The Portfolio

NCC specializes in custom made precast units, our facility and engineers have enabled us to work closely with our clients to create custom precast concrete units able to solve our clients needs and exceed their expectations.



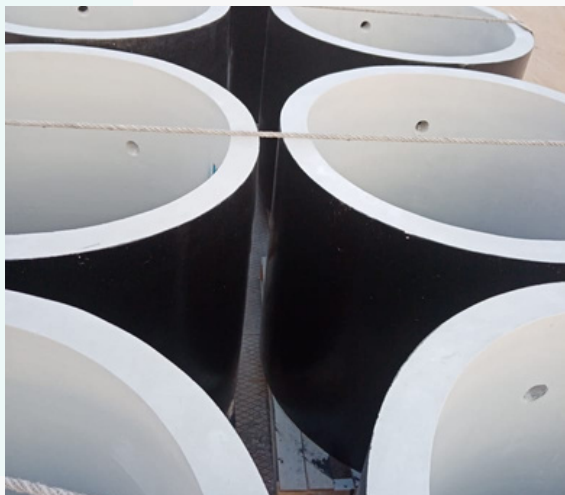
Sample Projects

El-Dabaa Nuclear Powerplant Manholes

Client: Hassan Allam Sons

Location: El-Dabaa

Description: Supply Precast Concrete Manholes



Concrete Bases

Client: Alstom

Location: Adly Mansour

Description: Concrete Bases for Kozzika Yard Project



Concrete Channels

Client: Alstom

Location: Adly Mansour

Description: 750 VDC Concrete Channel



Railway Line Precast Footings and Manholes

Client: Hassan Allam Sons

Location: Beni Suef & Assiut

Description: Supply Precast Concrete Footings and Manholes for Railway



Concrete Gutters

Client: Colas Rail

Location: Line 3 Phase 3, Cairo Metro, Ramsis Complex

Description: Supply of Precast Concrete Gutters for Metro Line



Other Precast Solutions

- Trenches
- Temporary Fences
- Permanent Fences
- Bases (Light post, Traffic Lights, etc.)
- Foundations
- Parking Stoppers
- Roadside Barriers
- And More....



Gallery



Clients

ALSTOM

Al Ahram
Beverages Company
Since 1897

FRANCE
METAL

STEEL DOORS & FRAMES

LINK MISR
International

MANUFACTURERS OF STORAGE PRODUCTS



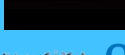
SNC • LAVALIN

FRESH

RAVA

LINK MISR
International

MANUFACTURERS OF STORAGE PRODUCTS



ORASCOM
CONSTRUCTION

SIEMENS

ELSEWEDY
ELECTRIC



COLAS RAIL



CONTRACT
WATTS

TAV
Construction



ORASCOM
TRADING S.A.E.



HASSAN ALLAM
CONSTRUCTION

TAV
Construction



ORASCOM
TRADING S.A.E.



HASSAN ALLAM
CONSTRUCTION



Meeting your Needs and Exceeding your Expectations

Working with various local and international partners, NCC has gained a reputation in the manufacturing of custom precast concrete units in a timely manner with utmost quality to exceed our clients' standards for highly regulated projects such as the El-Dabaa Power Plant, Various Railway Projects, Metro Lines, and individual industrial facilities.



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