



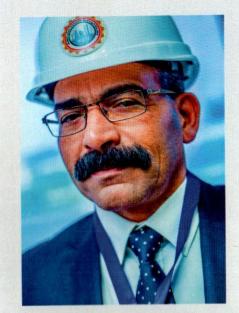
# TABLE OF **CONTENT**

		14 NCC Workshop Equipments
-	Our Manufactured Products	13 NCC Workshop Equipments
200	What we do	12 NCC Workshop Equipments
100	About NCC Workshop	11 Our Experts / Skilled Team
-	Letter of NCC Plant Manager	10 Health & safety / Our Man Power
-	Introduction	09 Workshop Approach
	m m	<ul><li>Letter of NCC Plant Manager</li><li>About NCC Workshop</li><li>What we do</li></ul>

# LETTER OF NCC PLANT MANAGER

General Eng. Hassan Alchimy





Within the framework of continuous cooperation with the Chinese side and its representative cdl giant building materials industry, which was manifested in the challenge of impossible and successful in the construction of the largest cement complex in the Middle East to be established at the same time and in accordance with the latest science in the cement industry in the world and in accordance with international standards Only eighteen months, breaking all the world records in the construction of large industrial castles.

We had to establish and equip a group of workshops with high capacity to achieve the technical insurance required for the six giant lines of cement production and the production of all the necessary heavy industry spare parts, factories, metal structures and equipment.

Believing in the importance of combining all efforts and capabilities of the state and the private sector to promote the industry, we have devoted highly-equipped technical workshops to work to provide the service of local manufacturing as well as export, if necessary, in cooperation with the great experiences of the Chinese side, hoping that God

Hassan El Ching

**Hassan El-Chimy NCC Plant Manager** 

#### **ABOUT US**

## NCC WORKSHOP



At the NCC Workshop we pride ourselves on creating a seamless and innovative work process that can only result in providing our customers with the best solutions time and time again.

Our production experts honer their creative skills and knowledge, and utilize their expertise to deliver the best possible display solutions, and bring a design to life.



## Our Vision

To be the most trusted provider of specialized manufactured products and spare parts and metal fabrications in Egypt and the Middle East.



## Our Mission

our mission is to establish and maintain long lasting relationships with our employees, customers, and industries by delivering a world class experience with dedication and professionality.

Every decision, every project and every innovation is fueled by our futuristic team's profession. A highly motivated and progressive team inspired to make a difference, and have a bucket load of passion doing it. At NCC Workshop our vision, culture and core values empower us to always perform on the highest level.



#### Our Goal

- -To build lifelong professional relationship with our clients based on trust, integrity and competency.
- -To sustain and deliver high quality workmanship and service.
- -To ensure that all the manufactured parts are tested in accordance with the frequencies and test methods specified in the inspection & test plan.





## Our Core Values

We work every day to live our core values in order to give our customers their best experience. We strive to apply these values in the relationships we develop, as well as guide our interactions, decisions, and leadership.

#### WHAT WE DO

# **OUR SERVICES**



We focus on custom manufacturing, our professional engineers with decades experiences who can oversee the process from design development to installation, always being able to choose most suitable manufacturing processes to produce cost effective products within the most demanding of timescales.

At NCC Workshop, we enjoy the challenge and satisfaction of turning a customer's idea into a quality metalwork product.

We specialize in the fabrication of aluminium, stainless steel, mild steel, Corten steel, cast aluminium products, copper & brass. They range from prototypes and bespoke one offs, through to very large volume production.



A progressive and forward thinking metal fabrication company with over real experience and wealth of knowledge across many sectors.

At NCC Workshop, we provide you with a bespoke service tailored completely to your requirements. We assist you with our specially knowledge throughout the entire manufacture process. We can assess the possibilities of you designs and from the assessment we can conver the best methods of metal fabrication. We ensure that the manufacturing process of you product will result in the completed product meeting its specific purposes and being of a quality that's second to none. Furthermore, will meet the volume requirements and batch deadlines without fail whilst still ensuring that you receive the most efficient and cost friend service available.

Not only do we have all the equipment to ensith that we can provide you with the highest qual metal fabrication service but all our staff are experts in the field. Obviously when you bring your metal fabrication job to us, you want to know that you will be getting a specialist serv quality and cost-efficiency. Our staff are expering all types of metal fabrication methods and having worked with all types of clients from a huge range of fields they will be able to assist in the manufacture of your product.



#### **Steel Structure**

steel construction material, a profile, formed with a specific shape or cross section and certain standards of chemical composition and mechanical properties. Structural steel shape, size, composition, strength, storage, Warehouses, Factories, Bulk Stores. Workshops, Casing, Inlet Duct, Outlet Duct & Harps



#### **Steel Cutting**

NCC Workshop has many metal cutting experts that are always ready to meet high volume and fast turnaround bandsaw cutting requirements for a wide range of different industries.



#### **Steel Bending**

We offer complete, turnkey custom metal bending services to meet your metal bending application and performance requirements. With highly qualified experience and a host of custom metal bending capabilities, we can deliver the products you need, just the way you need them.



#### **Fabrications**

Our workshop production capabilities allow us to comfortably handle structural steel projects ranging in size from 5 to 500 tons, Steel Structure from Standard Profiles and Built-up Sections. Pressure Vessels and Tanks, Piping Spools and Wall pieces, Hand Rails. Steel for Architectural Purposes.



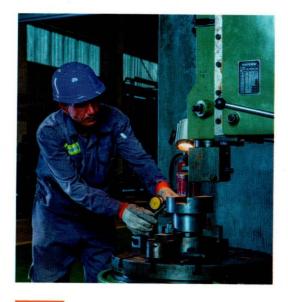
#### **Steel Pipes & Tanks**

We are able to supply, fabrication and installation of: Tanks (Oil, Gas Holder, Utilities, Water ... etc). Smoke Stacks and chimneys. We are able to supply, fabrication and installation of pipework, pressure vessels, pipe spools and well works in all the known common materials including exotic alloys and plastics.



#### **Steel Welding**

We welcome all welding metal fabrication orders, from smal, single part orders to large assemblies and multiple run parts. Whether it is just few pieces or it is a full container, we take the responsibility.



#### WE ARE PROUD OF HANDLING FABRICATIONS AND INSTALLATIONS OF INDUSTRIAL FACILITIES AND MEET **OUR CLIENTS BEST EXPECTATIONS!**

Creativity and functionality are combined to offer our client high quality products that reflect their personality or the brand identity they represent. Tailored made solutions are produced with no imagination "limits", and engage aluminum's malleable properties into unprecedented sinuous shapes for original, colorful and finished results. We very much enjoy the challenge and satisfaction of turning a customer's idea into a quality metalwork product.

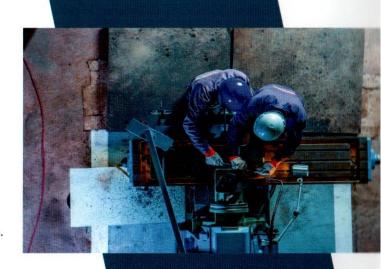


# Innovation

We recognize that the Manufacturing industry is shifting toward more cost-effective, efficient, and environmentally friendly solutions; this inspires us to be more innovative in conducting our global business.

## **OUR WORKSHOP APPROACH**

We aim to build close customer relationships that set us apart from our competitors by listening to our customers, understanding their challenges and providing valuable solutions.





#### **Business Strategy**

We have a geographically diversified portfolio of assets in well-balanced sustainable and profitable growth markets, focused on our core business of heavy manufactered products and spare parts.



#### **Sustainable Development**

Sustainable development is embedded in our core business strategy and our day-to-day operations in order to develop building solutions to meet the needs of a world with unlimited resources.



#### **Help Customers Succeed**

Our customers deal with important challenges daily - we help them succeed by delivering quality products, innovative solutions, and great customer services.



#### **Operational Efficiency**

Our industry-best processes allow us to satisfy the needs of our customers while using the optimal amount of resources, thus creating the most value.

It is not just what we do, but it is all about how

we do it.

#### Health & Safety

# **OUR MAN POWER**

The safety and well-being of our people are of paramount importance to us

we continually monitor our safety progress to ensure that our programs are working as effectively as possible. The Management of NCC WORKSHOP is committed to the health, safety, and general WellCare of its employees; and extends this commitment to ensuring that our operations do not place our visitors and members of the local communities in which we are working at risk of injury, illness, or property damage. Accordingly, we ensure full compliance with all applicable Health & Safety Regulations and current Industry Standards by:





#### **Quality Control**

Our exacting standards and near limitless list of precision capabilities are keys to our excellent service and quality. We can fabricate your designs from beginning to end, creating all necessary components. Perhaps the most critical piece of our fabricating process is quality control. No part of your project will be deemed complete until it has been thoroughly reviewed, tested, and approved.



#### **Health Administration**

As we always care to assure all the terms and conditions of the international OSHAS certifica We are dedicated to ensures the health and well-being of all our employees & managers. By applying a regular medical examinations.



As every business and industry has risks. Safety regulations was not an option for us, it was mandatory from the very beginig to consider all the industrial safety rules, because we believe that our workers desire to work in a safe and well protected environment.



# OUR EXPERTS **SKILLED TEAM**

Experienced, visionary management drives our workshop to set goals that position us ahead of industry trends and developments.



**Workshop Director** Eng. Amr Mostafa Email: a.mostafa@elarishcement.com



Chinese WorkShop Manager **Eng. Niu Guorui** Email: niuguorui@sinoma-cdi.com



Egyptian WorkShop Manager **Eng. Ahmed Adel** Email: a.adel@elarishcement.com



**Eng. Chen Tao** 

**Production Manager** 

Email: cdichentao@sinoma-cdi.com

# NCC WORKSHOP **EQUIPMENT**



## Heavy duty lathe machine

Specifications:

Max. Rotatory diameter: 1000mm Work piece Max. Length: 5000mm



## **Hack saw for bars**

Specifications:

Maximum cutting size400mm



## **Shaping Machine**

Specifications:

Maximum cutting lenght 1250mm



#### **Slotting Machine**

Specifications:

Max Slotting length: 320mm

Diametmeter of worktable: φ630mm

#### **Box-type drilling machine**

Specifications:

Max. Drilling diameter: 50mm

Usable diameter of thetable: 560X480mm

Stroke of the shaft: 250mm

#### NCC WORKSHOP

# **EQUIPMENT**



#### **Hydraulic press**

Specifications:

Main oil cylinder nominal pressure:5000KN



#### **Punching Machine**

Specifications:

Punching(D×T):φ30×20mm/ φ38×15mm

Punching force: 600kN

#### NCC WORKSHOP

# **EQUIPMENT**



#### **Plan Grinding machine**

Specifications:

Max work piece: 1000×400×400mm Longitudinal travel: 1100mm



## **Bending Machine**

Specifications:

Nominal Pressure:1250 Length of worktabe: I4000mm



# **Plate Bending Machine**

Specifications:

Maximum thickness of Coiled plate:16 mm Maximum width of Coiled plate: 3000 mm

17 Company Profile

# NCC WORKSHOP **EQUIPMENT**



# **Planing Machine**

Specifications:

Max.Length of work: 3000mm - Max.width of work: 1000mm - Max.height of work: 1000mm



### NCC MANUFACTURED

# **PRODUCTS**



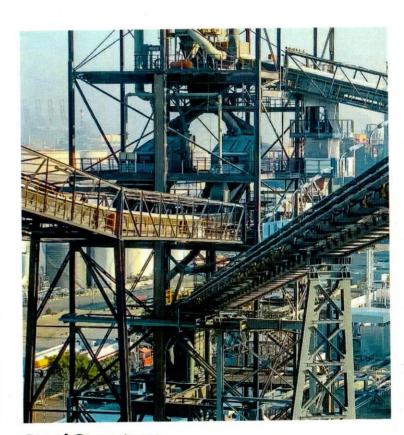
Cyclones



**Steel Silos** 



Pre-heater **Calciner** 



**Steel Structure** with Sand Blaster and Painting



Integrated pump unit with control panel

(Water, Fuel & Lubricant)



**Steel Tanks** 



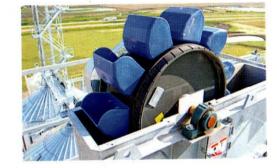
**Steel Hopper** 

# NCC MANUFACTURED

# **PRODUCTS**



**Screw Conveyor and its** part



**Bucket of the bucket** elevator



Flap gate



Distributer of coal, **Rod** gate



Silencer for fans



**Flexible connection** 



**Bag filter casing** 



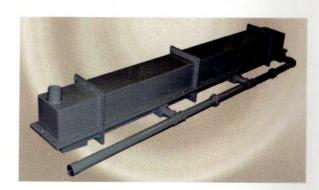
Steel casing for process fan, cooler and non standard parts



Belt conveyor drum



**Coupling flanges** 



Air Slide

