



Capital Leading Company  
For Projects and Specialized Services



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## About Us

CLC is one of the challenging services companies that have been established in Egypt at the beginning of 2019 to serve large scale of process-based industries (oil and gas cement, petrochemicals, fertilizers, infrastructure, machinery). Providing large scale of Services including Global Maintenance, Materials Supplement, Lifting service and Equipment Rental, manpower supply, chemical and mechanical cleaning, Scaffolding activities, fire alarming and fire fighting system, Safety Solutions, Construction activities





## Our Vision

We always seek a 100% safe plant for our customers, we choose this objective & struggle to achieve it, not because it is easy but because it is hard. We accept the challenge and believe in our energies & skills, that challenge is the one we intend to win because we care about ourselves and others too.



## Our Mission

It's the mission of CLC to provide highest Quality Product & Services to our valued customers worldwide & integrate technology, science & implement solutions to guarantee a safe working plant.



# Partners of Success





**CLC Geographical  
Distribution**

**LOWER  
EGYPT**

**UPPER  
EGYPT**

Nile Delta

Giza

Memphis

Lake  
Moeris  
Faiyum

Gulf of  
Suez

Sinai  
Peninsula

Libyan  
Desert

Arabian  
Desert

Red  
Sea

Abydos

Thebes

Abu

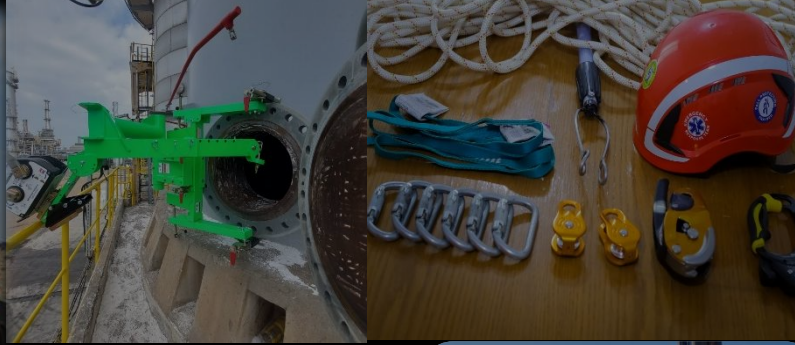
Aswan

1st cataract

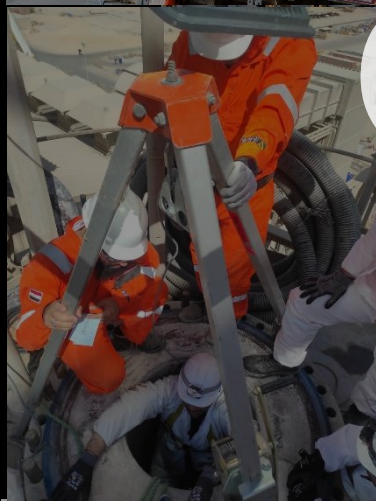
2nd Cataract

Nubian Desert





# CLC Capex







# Global **Maintenance**

- Mechanical
- Electrical
- Tank projects activity
- Instrumentation
- Q.C Inspections
- Fire Alarming & Fire Fighting (design, installation and maintenance)
- Technical Manpower Supply
- Energy solutions
- Mole sieve \catalyst replacement



# Energy Solutions

- plugging with freezing
- N2 plugging
- Flange refacing
- Nitrogen Purging
- Heat Treatment
- Cold Cutting
- Welding habitat Services
- Corrosion Inhibition
- Pipe Freezing
- Hot Tapping





# Support **Services**

- Lifting solutions (planning , Assessment, Equipment Rental and Supervision)
- Scaffolding (Design and Installation)
- Insulation
- Sand blasting and Painting
- Mechanical ,chemical cleaning (Jet Pump Up to 2500 Bar )





# Safety Solutions

- Rope Access
- HSE Manpower
- Rescue (Vertical and Confined Space)
- Supplement of HSE devices ( Side Entry, Measurements devices, Rescue Devices)
- Advanced HSE training and V.O.C



# WHAT'S CAN BE ADDED FROM CLC IN FLANGE MANAGEMENT SCOPE:

We have our own procedure that drawing how CLC will manage implementation of Flange management system with its clients through Gap analysis for on going practices and targets ( theoretical and practical / Site survey and workforce discussions is mandatory

## ESTABLISHING ACTIONS PLAN THAT WILL CONSIDER;

- Developing Flange Management procedure jointly with the client concerned departments.
- comprehensive training (theoretical and practical) for all concerned disciplines and workforce.
- On monthly basis evaluation for a quarter duration that will depend on three days monthly visit that focus on site coaching



# FLANGES MANAGEMENTS PROCEDURE

## Contents

1. Introduction
  - 1.1 Purpose and scope
  - 1.2 Distribution and intended Audience
  - 1.3 specific terms, definitions, acronyms and abbreviations .
  - 1.4 Equipment Required.
2. Part I
  - 2.1 General Requirements.
  - 2.2 Principles of flange joint assembly
  - 2.3 Flange joint assembly
  - 2.4 Bolting requirements
3. Part II
  - 3.1 Flange joint integrity management
    - 3.1.1 Preliminaries
  - 3.2 Criticality assessment
  - 3.3 Competence management
  - 3.4 Tagging
  - 3.5 Records and data management system
    - 3.5.1 Data management system
    - 3.5.2 Data Management system Functionality specification
  - 3.6 Joint data
    - 3.6.1 Joint data sheets and joint completion



# FLANGES MANAGEMENTS PROCEDURE

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## Contents

1. Appendix A- flange preparation and bolt working procedure
2. Appendix B - Flanged joint manual torque tightening procedure
3. Appendix C - Flange Tagging Procedure
4. Appendix D - Flange Joint Integrity Management Database
5. Appendix E - Hot bolting





# Thank You



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