



# Engineering for maintenance

**African Touch Stone**

Industrial Expertise

# INDUSTRIAL ENGINEERING COMPANY

- ✓ Offshore and onshore industrial maintenance
- ✓ Industrial Instrumentation and Regulation
- ✓ Boilermaking and industrial piping
- ✓ New commissioning and technical advice
- ✓ Boiler room maintenance and industrial chimney sweeping
- ✓ Rotating machines
- ✓ Project management
- ✓ Trainings

☎ (+237) 659 45 45 45 ♦ +33 744 88 14 61

📍 Douala - Yassa

🌐 [www.ats-ie.com](http://www.ats-ie.com)

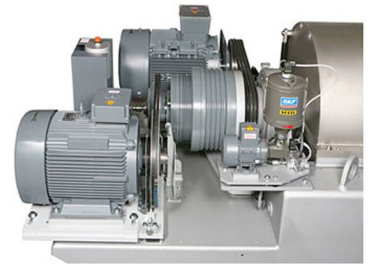
📞 +1 (484) 702-9047

✉ PO Box : 2949 Douala Cameroon

# PRESENTATION

## Who are we

Created in 2016, formerly Anglestone International, **African Touch Stone** is a young company which aims to prosper and diversify into activities mainly involving trades linked to the **Design Office, Electromechanics, Industrial Piping, Boilermaking and rotating machines**. It is based in Douala, the economic capital of Cameroon.



Because the trades involved are tough and demanding, we first based our development on people. We intend to develop our reputation thanks to available, experienced and professional staff who sometimes allow themselves to push their limits beyond the limits of the manufacturer.

Indeed, **African Touch Stone** has adopted a policy of representing builders who appreciated the method and approach of its men.



Because our business is above all technical know-how and constant adaptation to new technologies, **African Touch Stone** can, thanks to a flexible structure, offer an efficient and safe service.

Thus, we have focused on developing our activities through four distinct departments, **MAINTENANCE OF ROTARY**

**MACHINES, ELECTROMECHANICAL MAINTENANCE SUSTAINABLE MANAGEMENT OF PROJECTS IN THE ENERGY SECTOR, INDUSTRIAL PIPING & BOILER WORK, METALLIC CONSTRUCTION**. In continuous interaction for a complete service.

## Our partners

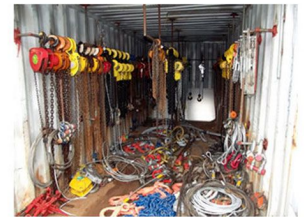


# OUR RESOURCES

- ▶ Design and Methods Office.
- ▶ Mechanical tool box.
- ▶ Electrician toolbox.
- ▶ Welding tool box.
- ▶ Pipe fitter toolboxes.
- ▶ Boilermaker tool boxes.
- ▶ Instrument toolboxes.
- ▶ Complete vibration analysis kit.

## Material resources

- ▶ Complete temperature analysis kit.
- ▶ Complete laser alignment kit.
- ▶ Laser level measurement kit.
- ▶ Intervention vehicle.
- ▶ Handling and lifting equipment.
- ▶ Welding stations.
- ▶ Generators...



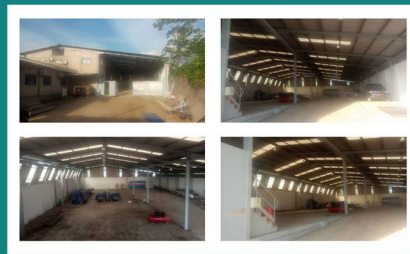
- ▶ Electromechanical Engineers
- ▶ Electrical Engineers
- ▶ Maintenance Engineers
- ▶ Metal Structure Engineers
- ▶ Design Office Preparer Engineers
- ▶ Draftsmen Projectors
- ▶ Welding experts – Trainers

## Human resources

- ▶ Certified welders
- ▶ Boilermakers
- ▶ Pipefitters
- ▶ Fitters – Mechanics
- ▶ Fitters – Scaffolders
- ▶ Painters – Sandblasters
- ▶ Logistician mechanics
- ▶ Experts in industrial chimney sweeping
- ▶ Experts in industrial piping



Equipped metal fabrication workshop



Workshop equipped for manufacturing sheet metal and profiles.

## Infrastructures



# OUR SKILLS



## OFFSHORE AND ONSHORE INDUSTRIAL MAINTENANCE

- ▶ Steam turbine maintenance (KKK, DRESSER RAND, FIVES, TURBODYNE, Etc.).
- ▶ Maintenance of centrifugal separators and decanter.
- ▶ Maintenance of volumetric and centrifugal pumps.
- ▶ Maintenance of Air / Gas compressors.
- ▶ Mechanical reducer maintenance.
- ▶ Repair and replacement of stainless steel and carbon steel piping lines.



## INDUSTRIAL INSTRUMENTATION AND REGULATION

- ▶ Physical quantity measurement solutions and process studies
- ▶ Signal processing and transmission of measurements
- ▶ Control valves and variable speed drives
- ▶ Control loops



## BOILERMAKING AND INDUSTRIAL PIPING

- ▶ Studies, manufacture, installation and maintenance of industrial piping.
- ▶ Arc welding with coated electrode (SMAW MMAW process).
- ▶ Gas arc welding with tungsten electrode (GTAW-TIG process).
- ▶ Arc welding with cored wire electrode (FCAW process)
- ▶ Welding training.



## PROJECT MANAGEMENT

- ▶ Energetic process
- ▶ New projects (Hydrocarbon, Agrifood, Hydraulic)



## NEW COMMISSIONING AND TECHNICAL ADVICE

- ▶ Installation & commissioning of all types of rotating machinery.
- ▶ Advice on the operation and maintenance of machines.
- ▶ Installation & commissioning of Hydraulic groups.
- ▶ Installation and commissioning of hydraulic cylinders.



## BOILER ROOM MAINTENANCE AND INDUSTRIAL CHIMNEY SWEEPING

- ▶ Emissions tuning and control
- ▶ Regulatory technical control
- ▶ Burner adjustment, Combustion analysis
- ▶ Change of grid in the combustion chambers
- ▶ Refractory repairs, Cleaning
- ▶ Instrumentation adjustment
- ▶ Thermal insulation of heating systems
- ▶ Retubing assistance
- ▶ Duct maintenance
- ▶ Maintenance of chimney sweeping systems



## ROTATING MACHINES

- ▶ Intervention on rotating machines.
- ▶ Installation and commissioning.
- ▶ Recommended spare parts and process modifications.
- ▶ Management of maintenance and spare parts supply contracts.
- ▶ Accidental revision, Limited Review, General revision



## TRAININGS

- ▶ Q-HSE Management system training



# THEY TRUSTED US



Annual GEA centrifuge maintenance contract.



MEMBRE DU GROUPE HEINEKEN

Project management for the assembly and commissioning of a sorghum silo.

Société Chaux de la Téranga

Installation of a hydraulic unit & installation of tilting grille cylinders / SAS – Installation of a carbon steel pipe line.



Installation of a hydraulic unit & replacement of cylinders/valves Valves / Segment of the RUZIZI II hydroelectric dam – Installation of stainless steel piping line.

METALUSA SA

Welding training, staff training on health and safety at work, first response team members, identification and analysis of OHS risks.



Manufacturing of a roller drive train with ejection system.



Expertise of a Turbo Alternator Group



Maintenance of GEA centrifugal separators



Maintenance of GEA centrifugal separators



Maintenance of GEA centrifugal separators



Maintenance of GEA centrifugal separators



Maintenance of diesel centrifugal separators



Maintenance of GEA centrifugal separators



Training of trainers in DRC and Burundi.



Maintenance of GEA centrifugal decanters



Expertise of 04 oil depots, Staff training on health and safety at work, first response team, identification and analysis of OHS risks



# REALISED PROJECTS

## ASSEMBLY OF A HYDRAULIC SYSTEM FOR A LIME WORKSHOP (SENEGAL)



- Assembly of a hydraulic system & installation of cylinders for tilting gates / airlock
- Installation of a carbon steel piping line

## EXPERTISE OF OIL DEPOTS (BURUNDI)



## PROJECT MANAGEMENT FOR ASSEMBLY AND COMMISSIONING OF A SORGHUM SILO (BURUNDI)



## INSTALLATION AND COMMISSIONING OF A HYDRAULIC UNIT AND FLOOD GATE CYLINDERS (RDC)



- Installation of a hydraulic unit and replacement of valve cylinders Valves / Segment of the RUZIZI II hydroelectric dam
- Installation of stainless steel piping lines.

## TRAINING OF TEACHERS AND MASTER CRAFTSMEN



Trainers in domestic sanitary plumbing in Bukavu (DRC)

