



**African Touch Stone Ltd**  
Industrial Expertise

# NewAge Maintenance

## INDUSTRIAL ENGINEERING COMPANY

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

☎ (+237) 670 42 76 05 ♦ +33 (0) 6 27 33 04 89

📞 (+237) 670 42 76 05

📍 Douala Yassa (Office) / Bassa (Technical Workshop)

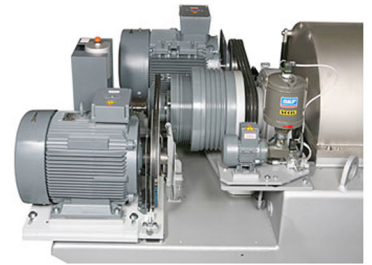
✉ PO Box : 2949 Douala Cameroon

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

# PRESENTATION

## Who are we

**African Touch Stone Limited** is a 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 Limited** 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 Limited** 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 EXPERTISE, METALLIC CONSTRUCTION, TRADING & SUPPLY OF INDUSTRIAL EQUIPMENT** in continuous interaction for a complete service.

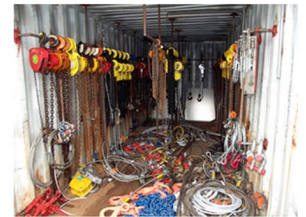
## Technical Partners



# OUR RESOURCES

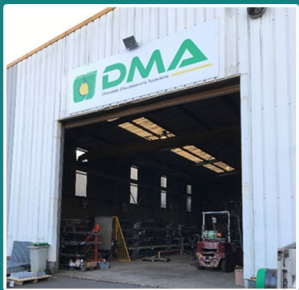
## Material resources

- ▶ Design and Methods Office.
- ▶ Mechanical tool box.
- ▶ Electrician toolbox.
- ▶ Welding tool box.
- ▶ Pipe fitter toolboxes.
- ▶ Boilermaker tool boxes.
- ▶ Instrument toolboxes.
- ▶ Complete vibration analysis kit.
- ▶ Complete temperature analysis kit.
- ▶ Complete laser alignment kit.
- ▶ Laser level measurement kit.
- ▶ Intervention vehicle.
- ▶ Handling and lifting equipment.
- ▶ Welding stations.
- ▶ Generators...



## Human resources

- ▶ Electromechanical Engineers
- ▶ Electrical Engineers
- ▶ Maintenance Engineers
- ▶ Metal Structure Engineers
- ▶ Design Office Preparer Engineers
- ▶ Draftsmen Projectors
- ▶ Welding experts – Trainers
- ▶ Welding Experts
- ▶ Fitters – Mechanics
- ▶ Fitters – Scaffolders
- ▶ Logistics Mechanics
- ▶ Industrial Chimney Sweeping Experts
- ▶ Industrial Piping Experts



## Our workshops



**African Touch Stone Ltd**  
Industrial Expertise

# OUR EXPERTISE



## OFFSHORE AND ONSHORE INDUSTRIAL MAINTENANCE

- Steam turbine maintenance (KKK, DRESSER RAND, FIVES, TURBODYNE, etc.).
- Maintenance of centrifugal separators and decanters.
- Maintenance of volumetric and centrifugal pumps.
- Maintenance of air/gas compressors.
- Maintenance of mechanical reducers.
- Repair and replacement of stainless steel and carbon steel piping.
- Supply of industrial parts.



## INDUSTRIAL INSTRUMENTATION AND REGULATION

- Physical quantity measurement solutions and process studies
- Signal processing and measurement transmission
- Control valves and speed variators
- Control loops
- Supply of industrial parts



## INDUSTRIAL PIPING EXPERTISE

- Design, manufacture, installation, and maintenance of industrial equipment.
- Shielded metal arc welding (SMAW MMAW process)
- Gas tungsten arc welding (GTAW-TIG process)
- Flux-cored arc welding (FCAW process)
- Welding training.



## PROJECT MANAGEMENT

- Energy Processes
- New Projects (Hydrocarbons, Agri-Food, Hydraulics)



## NEW COMMISSIONING AND TECHNICAL ADVICE

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



## BOILER ROOM MAINTENANCE AND INDUSTRIAL CHIMNEY SWEEPING

- Emissions adjustment and control
- Regulatory technical inspections
- Burner adjustment, combustion analysis
- Grate replacement in combustion chambers
- Refractory repairs, cleaning
- Instrumentation adjustment
- Thermal insulation of heating systems
- Retubing assistance
- Duct maintenance
- Chimney sweeping system maintenance
- Supply of industrial parts



## 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

- Training in Q-HSE management systems



# THEY TRUSTED US



Annual GEA centrifuge maintenance contract.



MEMBRE DU GROUPE HEINEKEN

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



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.



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



African Touch Stone Ltd  
Industrial Expertise



Studies of gas distribution  
pressure reduction stations.



Cathodic protection studies  
on gas pipeline lines.



- Intervention on oil platform  
(Industrial cleaning).
- Metalwork and piping  
maintenance on oil platforms.



- Onshore modification of  
two crude oil separators.
- Tank maintenance.
- Maintenance of pressure  
vessels.



## CAMEROON

- Revamping of a used oil treatment  
unit.
- Commissioning of a Transtank  
lubricant storage unit.
- Bitumen container maintenance.
- Bitumen plant maintenance  
(boiler room/pump room).
- ECOLUB unit revamping.
- Maintenance of diesel fuel 4  
treatment units (centrifugal  
separators).
- Installation of oil pumps.
- Maintenance of bitumen pumps.



## SOCIETE GABONAISE DE RAFFINAGE (SOGARA)

Expertise work on SIEMENS  
gas turbines

## EQUATORIAL GUINEA

- Expertise work on  
electromechanical equipment  
across all TEMGE storage facilities.
- Installation of cathodic protection  
systems at the EKUKU depot.



# 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)



## ASSEMBLY AND COMMISSIONING OF A SORGHUM SILO (BURUNDI)



## INSTALLATION AND COMMISSIONING OF A HYDRAULIC UNIT FOR A HYDROELECTRIC DAM (DRC)



- 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 (DRC)



Trainers in domestic sanitary plumbing in Bukavu (DRC)



### DESIGN, SUPPLY AND INSTALLATION OF A CONTROL CABINET FOR A DCI MOTOR-PUMP UNIT



Remote control  
cabinet for DCI  
motor-pump units.

### DESIGN, SUPPLY AND INSTALLATION OF A REMOTE CONTROL CABINET FOR A DCI MOTOR-PUMP UNIT



Manifold, old and new  
DCI motor pump  
group controls.

### COMMISSIONING OF A DCI MOTOR-PUMP UNIT



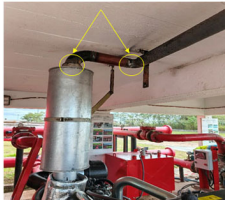
Removal of the old DCI  
motor-pump unit.

Handling and installation  
of the new DCI  
motor-pump unit.

Modification of the  
tank height of the new  
DCI motor-pump unit.



Modifications to the  
intake/discharge  
lines of the new  
DCI motor-pump unit.

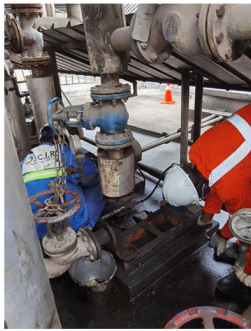


Gas exhaust connection  
of the new  
DCI motor-pump unit.



Installation, connection,  
power-up, configuration  
and commissioning of the  
new DCI motor-pump unit.





Bitumen pumping  
station maintenance



BTC Handling



BTC Maintenance



## BITU CONTAINER (BTC) MAINTENANCE AND BITUMEN PLANT MAINTENANCE



COMMISSIONING TRANSTANK LUBRICANTS



CATHODIC PROTECTION WORKS

