



# **EAST CAPE COMBUSTION**

BOILERS | BURNERS | PIPELINES | INSULATION | REPAIRS | TRAINING

## **COMPANY PROFILE**

# WHO WE ARE

East Cape Combustion offers turnkey solutions in heating systems, including the design, manufacture, installation and maintenance of burners, boilers, storage tanks, piping reticulation and insulation, as well as training.

The company has a skilled staff compliment of about 60 employees, with a fleet of vehicles that service their clients from their premises in Walmer, Gqeberha, South Africa. These premises include offices, workshops and a cutting edge training facility with a fully operational boiler room.

The East Cape Combustion workshop consists of a range of equipment such as lathes, rollers, guillotines and brake press. This in-house facility enables the company to manufacture various storage tanks and products according to specifications, as well as provide additional services to individual client needs.

Our offices and workshop are in Port Elizabeth and we hold a level 1 B-BBEE status.

Team: East Cape Combustion team comprises of coded welders with up to date welding procedures, pipe fitters, mechanical fitters, sheet metal developers, boiler makers, boiler operators, electricians, burner technicians and experienced laborers that assist the tradesmen. All our technicians are gas certified.



## CLIENTS WE WORK WITH



# SERVICES WE OFFER



Hotwater Boilers



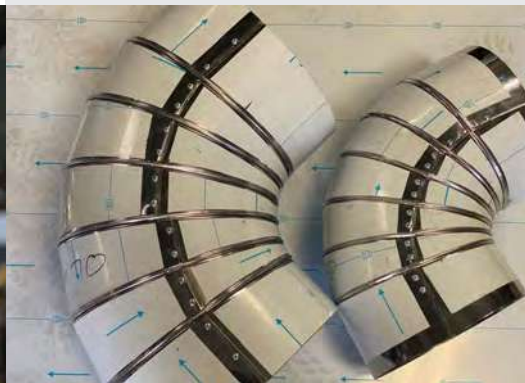
Steam Boilers



Burners



Pipe Reticulation



Insulation



Valves and Overhauling



Storage Tanks



Boiler House Management



Training

One Stop Shop | Cutting Edge Technology | 24/7 Service  
30 Years Combined Experience | Trusted by Industry Leaders

# HOT WATER BOILERS

## FIRE TUBE

(Diesel, Paraffin & Gas)

- Calculating and sizing of the boiler and burner according to customer requirements
- Provide estimated running cost comparison
- Supply, install and commission
- SLA – 3 monthly + 6 monthly cleans and services, including burner services
- Optimization of burner systems (Autoflame)
- Efficiency optimization



Agents for Unical and Ivar



## ELECTRICAL

(Calorifier)

- Manufacturing done according to specific customer requirements
- Design, Manufacture, Supply, Install, Commission
- Vertical and Horizontal units (600L - 15,000L)
- Normal and industrial bulk (Hot and cold)



Yearly maintenance and annual cleans

Safety checks | High pressure clean  
 Sandblast | Thickness tests  
 Repairs | Epoxy coating  
 Pressure test | Issue certificate

# STEAM BOILERS

Full turn key installation



Maintenance



Refurbished boilers

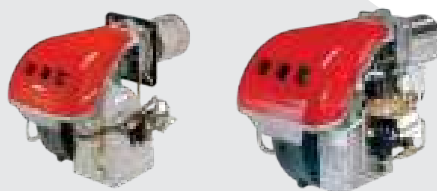


- Calculating and sizing of the boiler and burner according to specific customer requirements
- Provide estimated running cost and comparison
- Supply, Install, Commission
- SLA on efficiency cleans, annual as well as 36 monthly inspections
- Maintenance
- Major repairs: re-tubes, tube plates, stoker repairs etc
- Boiler Optimization Audit
- Also Supply, Installation, commissioning of refurbish boilers



Agents for Tuff, Canon Bono and Ivar

# BURNERS



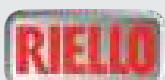
Burner Services



Burner critical spares

- Calculating and sizing of the burner according to customer requirements
- Supply, Install, Commission
- Servicing / monthly SLA's
- Spare parts for burners
- Specialised burner technicians
- Additive Thermolube for paraffin burners

Agents for Riello, Limpsfield and Autoflame



# PIPE RETICULATION

FULL  
TURNKEY  
SOLUTIONS

DESIGN



PROJECT MANAGEMENT



MANUFACTURING



INSTALLATION



HANDOVER TO CLIENT



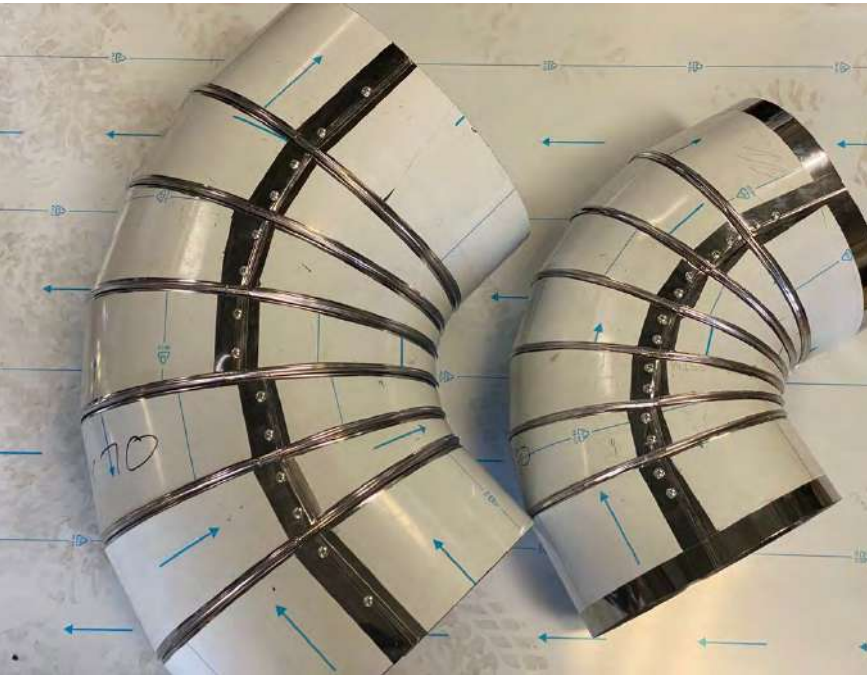
We offer a full turnkey solution to our clients, starting with the design, and moving to full project management, manufacturing, installation, QCP and data packs, and finally handover to our clients once you have signed off.

Steam reticulation is in accordance with SANS 347

Gas reticulation is in accordance with SANS 329

We do high pressure and low pressure lines

- Steam
  - Gas
- Thermic Oil
- Water



## INSULATION

For all thermal requirements

Chill and Hot insulation

- Water
- Amonia
- Steam
- Condensate
- Thermic oil



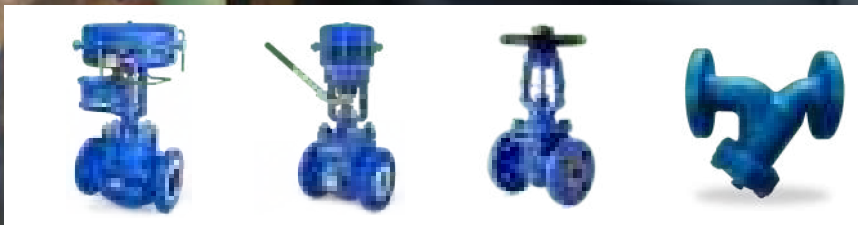
We Develop and Install

- We have a team of developers and fitters that can develop and install according to your thermal requirements

## VALVES

- Valve overhaul and servicing
- Sales of new and various refurbished valves, and are preferred installers for the Spirax range

**spirax**  
**sarco**





# STORAGE TANKS

(HFO, Diesel Paraffin, water etc)

We spec, design, manufacture and install tanks according to customer requirements.



# BOILER MANAGEMENT SERVICES

## MONITORING



- Labour management
- Resource management
- Maintenance
- Legal services
- Fuel supply management

## OPERATING



## MANAGING



**FULL TURNKEY SOLUTIONS**



## TRAINING

We offer Boiler operator courses on:

- HFO fired boilers
- Coal fired boilers
- Steam lines





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**COMBUSTION**

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