### **ENERGY CONSERVATION & CONTROL SYSTEM**









# **AUTOMATIC INDUSTRIAL BURNERS**



**Powerful Burners Spares For Powerful Heating** 



9999966276, 9711076870

487/36, National Market,
Peera Garhi New Delhi - 110087



eccsburners.com



eccsburners@gmail.com

#### **About ECCS**

ECCS (Energy Conservation & Control Systems) has been in existence since 1997 in New Delhi with a manufacturing setup to produce quality oil and gas burners. We are suppliers and service providers for all types of Oil and Gas Automatic Industrial Burners.

ECCS Burners offers a wide range of industrial burners for most every industrial heating application. Every one of our burners are backed by a worldwide team of combustion engineers to ensure your success. With reliable gas burners, low NOx burners, oil burners, dual fuel burners, and complete industrial burner systems, ECCS is your smart choice for value, reliability, and performance for your heating needs.



#### Our Products



#### **Light Oil & Gas Burner**

Light oil burners are suitable for liquid fuels up to a maximum viscosity of 5.5cSt at 40°C. The light oil range is suitable for use on all makes and types of heat, steam and incineration boilers and for process applications.



#### **Heating & Pumping Unit**

Our Oil Pumping and Heating Units are designed to supply fuel oil at pre-determined constant pressure and temperature to ensure efficient combustion. These compact and fully assembled units with all valves, thermostats, pressure gages, pressure switches etc on its own drip tray prevent undesirable variations in temperature caused by heat loss and varying rates of oil flow in long oil lines from heaters located far away. The PH units circulate oil in the ring main at three times of the consumption to provide a stable oil supply system for best combustion results.



#### Gas Regulating Unit

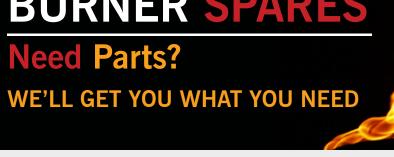
A gas train consists of Filter, Slam-shut off valve, pressure regulator, safety relief valve & flame arrestor. Filter helps to remove the dust / dirt particles in the gas which may damage the regulator parts. The slam shut off valve normally remains open. Incase the outlet pressure of the regulator exceeds the permissible limits, the slam shut off valve senses it through the impulse line & instantly shuts off the supply to the downstream system.



#### **Temperature Controllers and Sensor**

These Controllers receive sensor signals and control heaters or other devices to maintain a preset temperature. They can also be used for humidity, pressure, and flowrate control.

# BURNER SPARES





**Sequence Controller** 



**Sequence Controller** 



**Sequence Controller** 



**Sequence Controller** 



**Nozzles** 



**Nozzles** 



**Burner Motor** 



**Burner Motor** 



**Burner Photo Cell** 



**Burner Photo Cell** 



**Burner Pump** 



**Burner Pump** 



**Burner Pump** 



**Ignition Elctrode** 



**Ignition Elctrode** 



Solenoid Valves



Solenoid Valves



Solenoid Valves



**Pressure Switch** 



**Pressure Switch** 



**Burner Impeller** 



**Transformer** 



Transformer



**Transformer** 



**Gas Regulator** 

### **HEAVY OIL BURNER MONOBLOCK TYPE**



WE ARE ASSOCIATED WITH









## **GET IN TOUCH WITH US**

**1** +91 9999966276, 9711076870 • 487/36, National Market, Peera Garhi New Delhi - 110087 eccsburners@gmail.com eccsburners.com

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