EssCo

COMPANY PROFILE

Engineered cremation and incineration systems

Design, manufacture, installation, commissioning and lifecycle service from Chennai, India

Established 1981



Four decades of specialist furnace engineering

Established in 1981, Essco Furnaces Private Limited serves government bodies, municipalities, veterinary institutions, animal welfare organisations and private establishments.

- Complete project support from concept and equipment manufacture through installation and commissioning
- Systems designed around dependable combustion, safe operation and environmental responsibility
- Service capability for Essco equipment and crematorium systems supplied by other manufacturers



One team across the full equipment lifecycle

01	**Engineering**	Application assessment, chamber configuration and pollution-control integration
02	**Manufacturing**	In-house fabrication of furnaces, ducting, controls and mechanical assemblies
03	**Delivery**	Installation, commissioning, operator training and performance support
04	**After-sales**	Repairs, refractory rebuilding, burner and heating-coil replacement, spares and AMC support

ESSCO FURNACES

Product portfolio for institutional and industrial needs

01

Crematorium systems

Human, animal and pet crematorium furnaces in gas-fired and electric configurations

02

Incineration systems

Biomedical, municipal, aquaculture and large-carcass applications

03

Industrial thermal equipment

Industrial furnaces and ovens engineered for defined process duties

04

Waste-reduction equipment

Sanitary napkin destroyers and application-specific compact systems

Crematorium systems built for dignified, reliable operation



Human crematorium

Gas-fired and electric furnace configurations with operator controls and integrated flue-gas handling.

Animal and pet crematorium

Purpose-built chamber sizes for small pets, large animals and institutional carcass-management needs.

Project support

Site planning, installation, commissioning, training, maintenance and spare-parts support.

Integrated combustion and pollution-control systems

Application coverage

- Biomedical and institutional waste
- Municipal and aquaculture waste
- Large animal and wildlife carcasses
- Customer-specific thermal destruction duties

Typical system elements

Primary chamber, secondary combustion, hot-gas ducting, particulate separation, wet scrubbing, mist elimination, induced-draft fan, stack and PLC-based controls.



Service capability keeps critical assets operating

Gas crematorium service

Burner troubleshooting, refractory repair, pollution-control servicing, mechanical work and control-panel repairs.

Electric crematorium service

Heating-coil replacement, furnace rebuilding, electrical-panel work and pollution-control maintenance.

Nationwide support

Repairs and maintenance for Essco systems and equipment manufactured by other suppliers.

Lifecycle support

Operator training, preventive maintenance, annual contracts and spare-parts supply.

Why institutions choose Essco



01 **Experience**

Specialist furnace engineering since 1981

02 **In-house manufacture**

Control over critical equipment and fabrication quality

03 **Environmental systems**

Pollution-control equipment integrated into the project scope

04 **Responsive support**

Maintenance, spares, training and emergency service capability

Credentials and institutional recognition

Registrations and quality credentials

- ISO 9001:2008 quality management certification
- SSI and NSIC registration
- Kerala Suchitwa Mission registration

Recognition

- Appreciation from Blue Cross of India, Chennai, for animal-crematorium work
- Appreciation from the Government of Telangana for animal-crematorium work

Documentation can be furnished with project submissions, subject to current validity and tender requirements.

Selected project installations









Manufactured and commissioned for varied site conditions and institutional requirements.

EssCo

Let us discuss your project

Crematorium furnaces, incinerators, industrial furnaces, ovens, repairs and lifecycle support

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