

Gas Scrubbing Equipment:

- Designed and manufactured in house, each system is custom built to suit the application.
- It is important to note that the scrubbers are high pressure jet wet venturi types with the correct pressure drop to ensure complete scrubbing.
- Available with regent injection.

Safeties and controls:

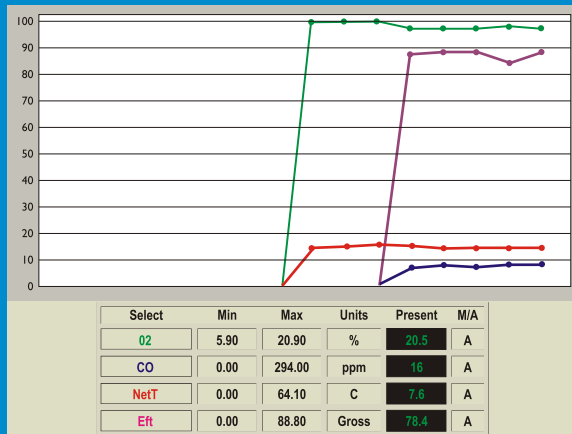
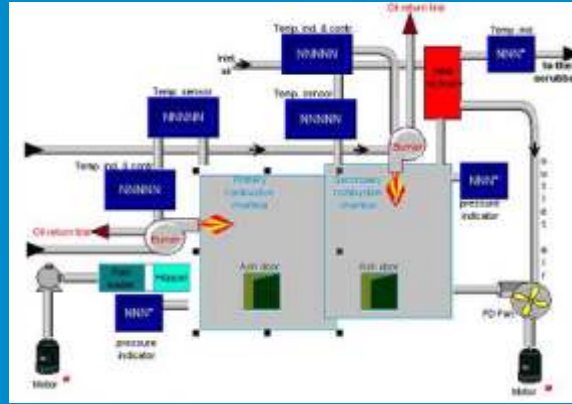
The entire system can be controlled by a PLC that can be programmed for different safety measures and interlocks.

It can ensure the following controls for safe operation.

- No waste charging permitted until the required temperature in the chambers are attained during beginning of operation.
- No waste charging unless primary and secondary chambers are maintained at the specific temperature.
- No charging of next batch of waste unless complete combustion of the previous charge takes place.
- No waste charging in case of any unsafe conditions such as very high temperature in the primary and secondary chambers, failure of the combustion air fan, ID fan, re-circulation pump, low water pressure and high temperature of the flue gas at the outlet of pollution control device.

Emission Monitoring and Data Logging

- An emission monitoring system suitable for monitoring various gases can also be provided. Data on various machine parameters can be logged for reference or if required by regulations.



Haat Incinerators India Private Limited is a company based in Bangalore, India. Incinerators and allied waste management equipment are our core competence areas and our main business. We are fully equipped with in-house production facilities and a testing laboratory. Since all manufacturing is done in our own facilities, this ensures a very high quality finished product. It is also important to note that we manufacture other items like venturi scrubbers, auto-loaders, chimneys, etc., within the same premises.

We have a wide customer base covering almost every type of waste. Our equipment have proven themselves in different conditions in different parts of the world.

HAAT undertakes turnkey projects from design to commissioning. Our philosophy is one of building an incinerator system to suit the waste type to be destroyed and to meet each client's individual requirements. This custom-build approach enables us to provide the correct design and component for the application. For example; selection of refractory material to withstand temperature and acid attack from the wastes.

HAAT's quality system is certified to ISO 9001:2000 for all its products and services.



Customer Comments:

- "The incinerator is functioning extremely well and meeting all the requirements of Gazette of India notification. The strength of the equipment lies in its **easy handling, economy in treating bio-medical waste** and meeting all criteria control test of PCB Karnataka" - **Group Capt. HSR Arora, Registrar, Command Hospital Air Force, Bangalore.**
- "The emission through the stack is **practically invisible, odourless and very much under the limits of MPCB and CPCB** - **Development Engineer, Pune Municipal Corporation.**
- "...combustion efficiency is high as a result of which **no smoke is visible from the stack**" - **Maharashtra PCB.**
- "The Incinerator at the International Hospital of Bahrain, is working very well. **Indeed it is a smokeless incinerator without causing any pollution**" - **Dr. Praful L.Vaidya, Head of Surgical Dept. & Equipment Committee Chairman, International Hospital of Bahrain.**
- "The HAAT incinerator installed in the hospital has been working effectively and is very useful in biomedical waste disposal management. The incinerator can be used for proper disposal as per the **Pollution Control Board norms**" - **Dr. Air Vice Marshal (Retd.) N.B.Amaresh, VSM, Dean, G. Kuppuswamy Naidu Memorial Hospital, Coimbatore.**



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HAAT

HAAT INCINERATORS INDIA PVT. LTD.

THE LATEST IN INCINERATION TECHNOLOGY
- LRD CONTROLLED AIR INCINERATION SYSTEM



STANDARD CAPACITIES

MODEL	BURNING RATE
LRD-50	50 kg/hr
LRD-100	100 kg/hr
LRD-200	200 kg/hr
LRD-300	300 kg/hr
LRD-500	500 kg/hr
LRD-700	700 kg/hr
LRD-1000	1000 kg/hr
LRD- 2000	2000 kg/hr
LRD- 2500	2500 kg/hr

* Please note that the system offered to you may consist of one or more of the above mentioned features/components depending on options selected. Specifications are subject to change/improvement without prior notice.