



PROTECTING MAN AND ENVIRONMENT

Liquid and solid waste valorisation through dry gases cleaning

Abstract

A Spanish company has deep knowledge in plants for the valorisation of liquid and solid waste, using the thermal energy from its incineration (hospital waste, animals, meat meals, industrial liquid waste). The company is able to manufacture, install and provide after sales service of such equipment customised to specific needs. The company offers licence and commercial agreements with technical assistance to partners for its commercialisation, manufacturing, installation and maintenance.

Description

A Spanish company has deep knowledge in the manufacturing, installation and maintenance of plants for the valorisation of liquid and solid waste, using the thermal energy from waste incineration. The energy produced can be used for the production of hot water, steam, overheated water or thermal fluid.



The equipment consists of a kiln with two chambers under controlled atmosphere. There are different sizes of the facilities available according to the specific treatment capacities needed. "Turn-key" plants are fitted out with emissions cleaning systems and devices for the continuous measuring of pollutant parameters, in fully compliance with the environmental standards in force (Directive 2000/76/EC).

These equipments can be applied with hospital waste, animals, meat meals and industrial liquid waste.

AGREEMENT

This company is able to manufacture, install and provide after sales service of such equipment customised to the specific needs. The company offers licence and commercial agreements with technical assistance to partners who will assume part of the commercialisation, manufacturing, installation and maintenance of the equipments. In this sense, the Spanish company will provide technical expertise and training so the new company acquires the knowledge on the technology and the system. After that, the company will be able to provide the new whole range

of services in its local area.

BACKGROUND

This company is leader in providing equipment, plants and technologies for heat recovery, air or gases heating, incineration, volatile organic compounds (VOCs) abatement and industrial heating. The company started its activities in 1965. Nowadays, the company facilities are in the city of Zaragoza (Spain) with a surface of 12,500 m2.

Innovations and advantages of the offer

The company provides the more adequate equipment for the treatment and valorisation of a specific type of waste.

The company is able to customise the plant according to specific needs.

The plant can produce steam, hot water or hot air. It is possible to use the steam for the generation of electrical power.

The incineration of waste ensures the removal of any microorganism.

The ashes produced are totally germ-free and their carbon content is lower than 3%.

Emissions to the atmosphere are absolutely transparent and odourless.

There is no residual liquid waste.

Current and Potential Domain of Application

Companies that produce or collect hospital waste, slaughtering houses, meat flour producers, drugs elimination.





PROTECTING MAN AND ENVIRONMENT

Technology Offer

Liquid and solid waste valorisation through dry gases cleaning

(08 ES 29G6 0J7P)



For further information (including IPR status)

please contact:

Susanna Chericoni

Phone: 39 050 931620

Fax: 39 050 931640

Email: s.chericoni@cpr.it