

FRENCH REPUBLIC

Ministry of Employment and
social services

General Direction of Health

1, Place de Fontenoy - 75350 PARIS
07 SP
Tél : 46.62.40.00

Ministry of Environment

Direction for Prevention
from pollution and risks

20 avenue de Ségur - 75302 PARIS
07 SP
Tél : 42.19.20.21

***MINISTRY OF EMPLOYMENT AND SOCIAL SERVICES
and
MINISTRY OF ENVIRONMENT
to***

Mrs and Messrs
the prefects of districts
Regional Direction of
Health and social services

To the districts health consultants
(for information)

Mrs and Messrs
the prefects of departments
Departmental Direction of
Health and Social Services

To the department consultants
(for execution)

Object : Circular n° 9609 relative to the implementation of the lajtos TDS 300 of disinfection process of the contaminated wastes issued from hospitals and comparable establishments.

KEY- WORDS : Process - Disinfection - Wastes from medical care acts - Lajtos TDS

REFERENCE TEXTS : Circular n° 53 of the 26, july 1991 relative to the implementation of the disinfection processes of contaminated wastes issued from hospitals and comparable establishments.

Circular n° 48 of the 15, July 1994 relative to the implementation of the Lajtos TDS disinfection process of contaminated wastes issued from hospitals and comparable establishments.

-

By the circular n° 53 of July 26, 1991 we informed you of our wish to extend the possibilities of treatment of the contaminated wastes issued from hospitals and comparable establishments to further processes other than only incineration required by the departmental health rules.

The Lajtos Ltd Company - 28 rue de Sébastopol , 59100 Roubaix had presented in 1993 its TDS 1000 process of which live load is 1 cubic meter. The equipment was subjected to an experimental procedure of evaluation of its capacity to decontaminate the wastes issued from medical care acts with an infectious risk. The French High Council of Public Health approved the use of the process on the 19, May 1994 and its characteristics were presented in the circular of July 15, 1994 quoted in reference. That circular held that any modification of the characteristics of the equipment had to be subjected to a new procedure, and if the case arises , a further opinion of the French High Council of Public Health.

So the Lajtos S.A Company presented a new equipment, the TDS 300 of which live load is 300 liters, which constitute the same equipment as the TDS 1000 with a reduction of capacity. In application of the circular of the July 15, 1994, we have the honour to announce you that the TDS 300 has just been subjected to an experimental procedure which aims at controlling that the functioning parameters are the same of those of the TDS 1000.

On June 22, 1995 the French High Council of Public Health approved the use of this process for the pre- treatment of the wastes issued from medical care acts with an infectious risk, subject to the respect of certain modes; you will find enclosed that notice in annex. The purpose of this circular is to implement the content of this notice.

The French High Council of Public Health noticed that the functioning parameters of the TDS 300 are the same as those of the TDS 1000. The wastes issued from that equipment present, in a reliable way, a microbiological contamination degree inferior to that of household wastes. In this way, the pre treated wastes can be eliminated either by incineration or by burying in a technical burying center, according to the usual modes relative to the urban wastes, it will be advisable to exclude the marking techniques because of the physico- chemical and organic characteristics of these wastes.

In addition to the products already prohibited and mentioned in the circular of the July 26, 1991 quoted in reference, the volatile toxins can not be subjected to this process.

We remind you that it will be advisable to send us the dispensation decrees that you could be led to take and to follow with a particular care the functioning of such equipments, because of their innovative feature.

This is the reason why we ask you to send us in the next six months after such an installation, a report which shows its insertion in the waste elimination procedure.

Would you be so kind as to, let us informed about the difficulties that the implementation of this circular could meet.

For the Minister and by delegation
The General Director of Health,

For the Minister and by delegation
the director of the prevention
for pollution or risks, delegated to major
risks.

Jean- François Girard

Gustave Defrange.

ANNEX TO THE CIRCULAR

Notice relative the LAJTOS TDS 300 of disinfection of wastes issued from medical care acts.

Considering the elements of the file n° V9501 delivered by the petitioner and the following functioning parameters : temperature 138°C, duration 10 minutes, pressure 3,8 bars, of the new Lajtos TDS 300 equipment with a live load of 300 liters, functioning as the equipment Lajtos TDS 1000;

Considering the obligations to draw up a new file and if the case arises to obtain a further opinion of the French High Council of Public Health when a new disinfection process is subjected to a modification concerning its functioning parameters or its treating capacities,

Considering the trials made on the machine Lajtos TDS 1000 with a live load of 1 cubic meter having proved the anti-microbic efficiency of the process which provides a disinfection of the wastes

issued from medical care acts in order to have a degree of contamination inferior to that of household wastes;

Considering the circular of the Ministers of Health and Environment n° 48 of the 15, July 1994, instituted after the consent of the French High Council of Public Health on May 19, 1994, relative to the implementation of the Lajtos TDS 1000 disinfection process of contaminated wastes issued from hospitals and comparable establishments;

Considering that the results of the trials made from the 15 to the 16, June 1995 at the private hospital Val de Lys of Tourcoing (North) proved that the disinfection parameters of the Lajtos TDS 300 process are the same as those of the Lajtos TDS 1000 process, consequently its anti-microbial efficiency is ensured;

the Council after hearing of the industrialist and debate,

1- gives its consent to the use of the LAJTOS TDS 300 process of which the file has been presented by the LAJTOS Ltd Company - 28 rue Sébastopol, 59100 Roubaix - for the disinfection of the wastes issued from medical care acts with an infectious risk (in the meaning of the regulations in force and particularly the circular n°53 of July 26, 1991);

2- requires that

- any modification concerning the functioning parameters or the treatment capacities must be subjected to a new study and if the case arises the opinion of the Council;

- the cleaning of the lower chamber of the machine must be done once a day;

- the recordings of the functioning parameters must be kept in order to be consulted by the authorities concerned;

3- underlines that :

- the site of implantation and the exploitation conditions must conform to the regulations in force relative to the health and safety rules;

- the use of this equipment needs a physical separation between the upper levels of loading of the wastes issued from medical care acts with an infectious risk and the lower levels of the unloading of contaminated wastes;

- the introduction of the wastes into the machine being manual, consequently it requires precautions in matter of work safety(notably by using packages for the wastes issued from medical care acts with an infectious risk and a volume inferior or equal to 50 liters permitting their introduction in the machine without manual packing down) and disinfection of the loading zone.