



A “BAT” (BEST AVAILABLE TECHNOLOGIES) FOR THE ENVIRONMENT

Emissions into the atmosphere from the zootechnical sector and the relevant rules

The European Community has enacted regulations for the prevention and the integrated reduction of pollution (IPPC) (implemented in Italy with the Emergency Decree no. 372 dd. 4th August 1999) that recognizes the Best Available Technologies (BAT) as the real solution for a satisfying improvement of the relation existing between zootechnics and environment, thus making it much more sustainable in the next future.

This rule sets out that in the next future, the industrial plants will have to get a single licence, covering all kind of sewage and emissions:

*&Mac183; into the atmosphere;
&Mac183; into waters and soil;*

The aforesaid rules specifically apply to the intensive farmings with more than:

*&Mac183; 40,000 poultry places;
&Mac183; 2,000 pig places (more than 30-kg weight)
&Mac183; 750 sows*

As a consequence, BATs shall be applied both to shelters and to storage tanks.

Managers of plants subjected to IPPC, shall inform the competent authorities about the emission values of their own plants.

Rota Guido company, leader in the design and realization of plants either for the management of livestock sewage or for the production and recycling of biogas produced within zootechnical farming, in order to answer the more and more restrictive regulations regarding the environment, but also to make the management of cattle, buffalo and pig farming easier, has developed a special:

MODULAR STIFF FLOATING COVERING DEVICE FOR THE RECYCLING OF BIOGAS AND RAINWATER FROM SEWAGE STORAGE TANKS

This innovative product consists of a floating modular item that can be connected with an indefinite number of components during its installation, so as to cover the sewage storage tanks, in order to:

*&Mac183; collect biogas, thus allowing an energy recycling;
&Mac183; avoid the diffusion of toxic fumes and unpleasant smells;
&Mac183; avoid the falling of rainwater into sewage.*

The purpose of this product is to obtain coverings consisting of floating modular elements, with both reasonable costs and easy and fast installation.

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