



# SAFETY & ENVIRONMENT REPORT 2011



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**FOREWORD**



We are totally committed to improving our approach as regards environment, safety and health at the workplace as well as optimizing the production process with the pursuit of guaranteeing the products quality.

The attention to the environment is achieved by taking under control (and intervening on) all the environmental performances directly linked to our activities

Our Integrated System also focuses on the elimination – minimization of the risks for our employees and for all those parties interacting with our company. Particularly our System has always been based on the attention for the individual.

The attention for the Customer is achieved thanks to a qualified Technical Service during all stages.

In order to keep our levels high it is necessary to involve all the Company's staff.



**1. A SHORT HISTORY**



**1954** Angelo Guala founds the Guala Group



**1987** Launching of the Dispenser



**1992** Establishment of the Dispensing Division and launching of the TS1 trigger sprayer



**1997** Foundation of Guala Dispensing S.p.a.



**1999** Launching of the TS2 trigger sprayer



**2003** Launching of the TS3 trigger sprayer



**2005** Establishment of Guala Dispensing Suzhou



**2008** Establishment of Guala Dispensing Mexico



## 2. COMPANY POLICY



*Our guideline is to provide all the external and internal interlocutors with a service level which fulfils or even steadily exceeds their own expectations trying to honour our commitment to quality, environment and safety.*

*This can only be reached by placing the care of the Customer before everything else, providing a service highly turned to the Customer's needs, therefore allowing Guala Dispensing to become a close partner.*

*Moreover we believe that the success of a company is determined mainly by the awareness that every single person represents an essential factor for the performances improvement.*

*For the above reasons and abiding by the law in force, the Company Management is determined to:*

- *Guarantee that the raw materials used comply with the environmental rules so that the workers' safety is preserved;*
- *Foster the research & development meeting and anticipating the needs of the customer and final user;*
- *Involvement, participation and constant training of the personnel in order to improve and promote professional skills;*
- *Guarantee a service supporting the Customer also in the setting up of his products and processes;*
- *Better the internal efficiency through mutual human and professional respect in the interpersonal relations;*
- *Make use of the ethical standards in the company internal management;*
- *Be ready to take up the challenges coming from the emergent countries;*
- *Activate all the necessary measures using the best technologies to prevent and/or minimize the environmental impact, the risks for the workers' safety and health as well as industrial accidents and occupational diseases;*
- *Operate with the pursuit of preventing risks and facing emergency situations.*

*The Guala Dispensing plants apply Rule ISO 9001 from a corporate point of view and fall into line with the ISO 14001 and the standard OHSAS 18001 requirements.*

*The Company Management is fully conscious of the enduring devotion to improve and wishes to express his sincere gratitude.*

*Spinetta Marengo, 11<sup>th</sup> June 2009*

**General Manager**  
**Roberto Mazzucato**

### 3. MAIN ASPECTS



The identification of important aspects in terms of safety and environment is essential to outline the intervention areas.

To do that we made a preliminary assessment analyzing each company activity and involving directly the staff.

Following interventions have been realized:

- ➔ Updating of all facilities and equipment paying particular attention to their environmental performances
- ➔ Improvement of the staff's safety conditions regarding both the production process and the working environment by using the latest applicable technologies.
- ➔ Constant training of the staff on environmental and safety topic
- ➔ Useful and effective means of communication promoting a Quality, Environment and Safety awareness.

The Company operates with the pursuit of the "CONSTANT IMPROVEMENT" in order to guarantee a sensible development of the methods and technologies applied to the processes within the best environmental and safety conditions.

The Company has adopted:

- ✦ a systematic approach to all those methods, technologies and behaviours directed to the saving of energetic resources
- ✦ a waste management with particular attention to the recovery and recycling phases, when possible.
- ✦ a level of emissions in the air complying with national and international regulations.
- ✦ a better working environment in which all the risks linked to the industrial processes such as noise are minimized.

**4. SAFETY AND ENVIRONMENT DATA**

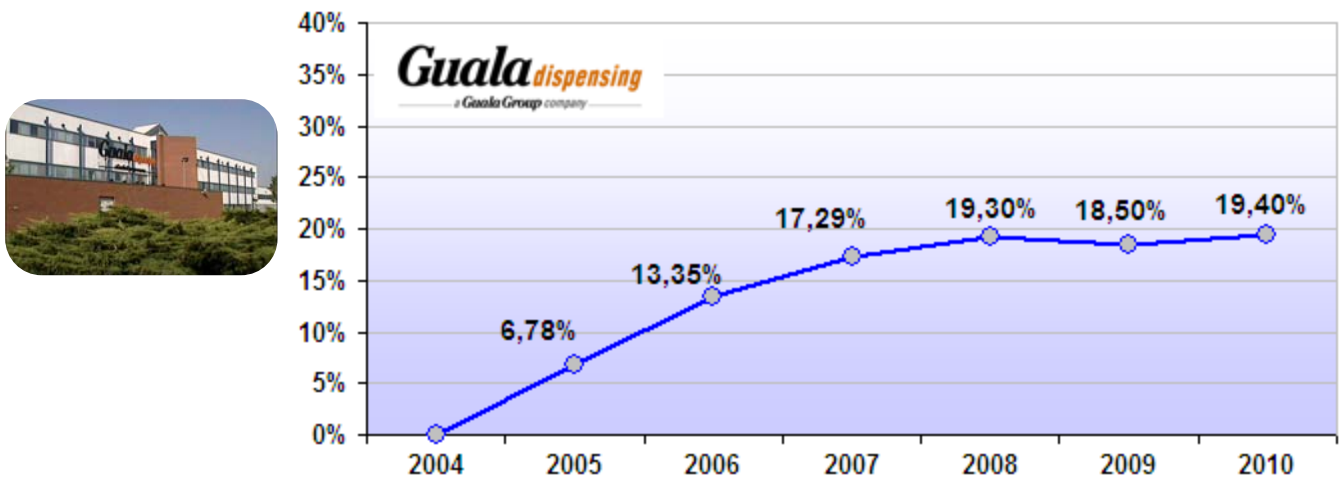


The environmental report is the instrument Guala has adopted to monitor and analyze the aspects that generate significant impacts.

It is essential to monitor the Integrated Management System since it represents the basis on which all the interventions develop.

The data shown in the below chart reveal the Company's growth in terms of volumes of production.

PIECES MANUFACTURED (% VARIATION SINCE 2004)



● CONSUMPTION OF ENERGY

The consumption of energy represents an essential aspect for the system environmental analysis.

In order to cut down the consumption of energy linked to the production activities (energy employed by the injection machines in the moulding dept. and by the assembling machines) we are following 2 guiding principles:

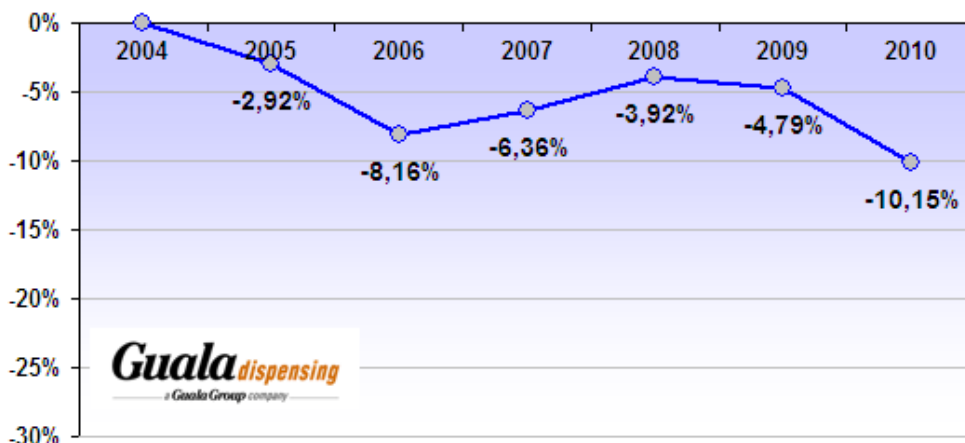
- Use of low energy-absorbing equipment which enables a saving for each machine up to 50%
- Installation of electronic devices in every system so to better its performance.

Another important aspect to consider is the energy saving plan so that the consumption linked to the lighting is reduced thanks to systems absorbing much lower powers than the ones used so far.



The trend regarding the Energy consumption per pieces manufactured since 2004 is shown in the chart below; 2010 saw the reduction of Energy consumption: such result has been obtained thanks to structural interventions which have improved the plant energy efficiency.

ENERGY CONSUMPTION (% VARIATION SINCE 2004)



We monitor the use of natural resources according to the source and the period; the water consumption total trend is the following:

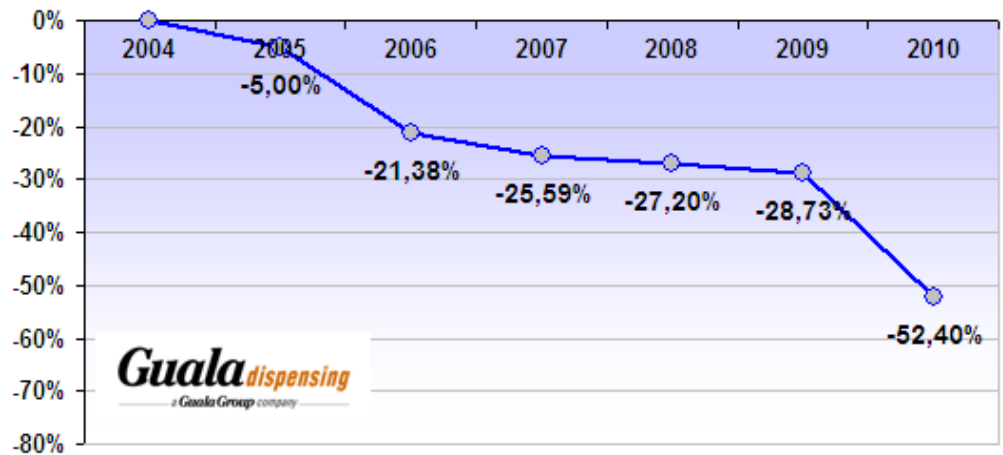
WATER CONSUMPTION (% VARIATION SINCE 2004)



In 2010 the water consumption kept the trend of 2009, with a further reduction of consumptions.



NATURAL GAS CONSUMPTION (% VARIATION SINCE 2004)



In 2010 the consumption of natural gas considerably decreased thanks to the modifications made on the heating and air conditioning systems.

**WASTE MANAGEMENT**

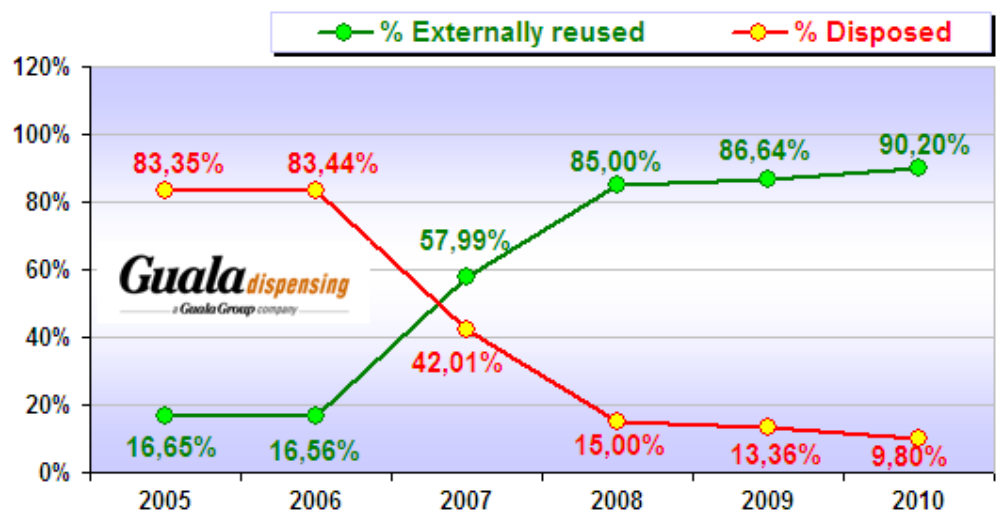
**Guala Dispensing** has always paid attention to the waste management and disposal.

We have identified areas where the waste management can be further systematic, for that purpose following activities have been adopted:

- a system monitoring the production scraps so that a percentage of them can be recovered.
- Promotion of the waste separate collection.

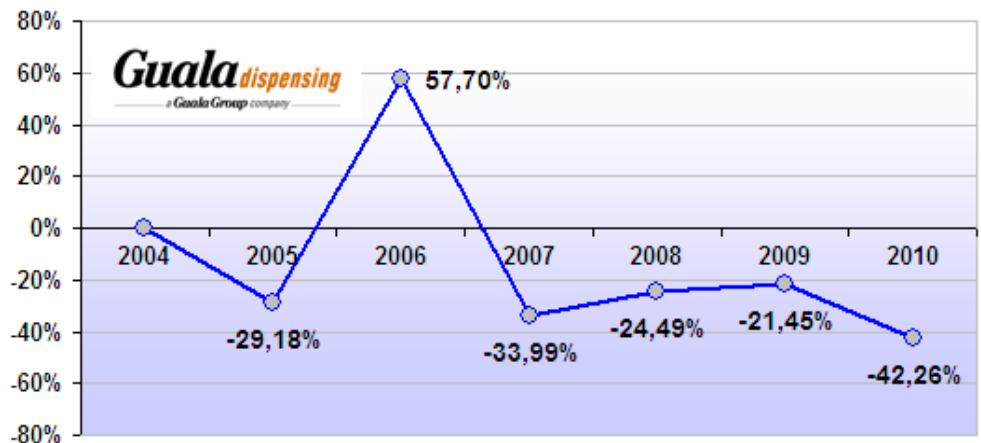
The below chart shows the percentage trend of the plastic disposed and the percentage of plastic intended to be re-used outside the company. The company's target is to maintain over 90% of external reuse.

PLASTICS (% ON THE TOTAL PLASTICS DUMPED PER YEAR)



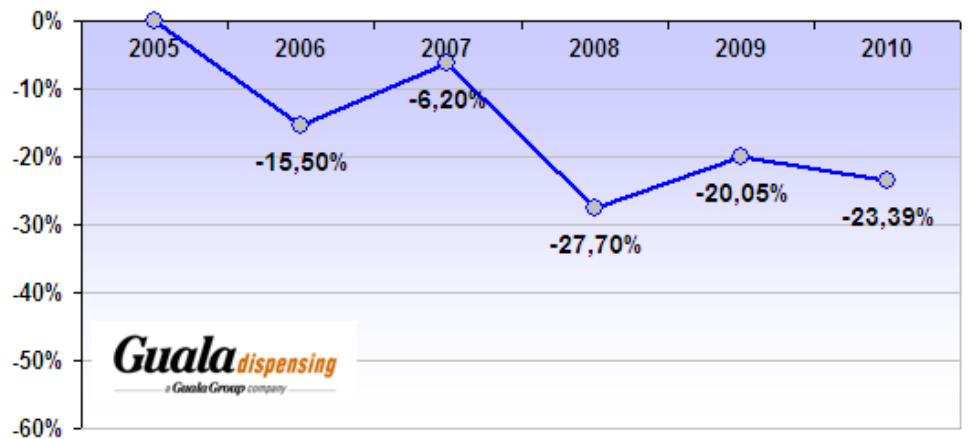
The below charts show the percentage trend of the main waste generated each piece produced in comparison with 2004.

OIL FOR HYDRAULIC CIRCUITS (% VARIATION SINCE 2004)



The variation of the above chart is due to the productive capacity obtained thanks to the renewal (in 2004) of the injection machines fleet which brought to the oil change in 2006. The used oils are disposed of by specialized firms in compliance with the compulsory rules. We are experimenting the use of oils which guarantee long-life performances so that the oil quantity to dispose of is reduced. We are obtaining good results and we are reducing the quantities of oils to be reduced.

PAPER AND CARTON (% VARIATION SINCE 2005)



As regards paper and cartons, the trend settles around - 23%. (please refer to the above chart)

● EMISSIONS MANAGEMENT

Our production process does not generate any particular noxious substances, anyway the Company is determined to reduce them.

In order to keep the emissions under control we carry out environmental surveys with the support of external labs.

● NOISE MANAGEMENT

**Guala Dispensing** has introduced the use of specific equipment such as deadening panels in order to cut down the noise impact.

The situation is constantly monitored through periodic environmental surveys so that the noise limits comply with the law requirements.

● ANALYSIS OF INDUSTRIAL ACCIDENTS

Industrial accidents represent one of the main indicators used to monitor the Company's trend in terms of workers' safety and health. The chart below shows these recent years trend.

INDUSTRIAL ACCIDENTS (% VARIATION SINCE 2004)

