ENVIROMENTAL STATEMENT 2018

Gestamp Metalbages

Scope of the Environmental Management System

Gestamp Metalbages, S.A. is formed by 400 workers and is specialized in the manufacture of metal base components for the automotive industry, having transportation system production processes, automated and robotic stamping, welding, painting, foaming and assembling.

It is located in the municipal district of Santpedor, two kilometers from the municipality, in an industrial estate within the Bages Plane delimited by an agricultural area. The site address of Gestamp Metalbages is: **C/Les Arenes nº1 – Pol. Ind. Santa Anna II - 08251 – Santpedor – Barcelona – (Spain)**

It is divided into two production plants with a total area of 67,196 m2. The production area of stamping and welding is located at Plant 2. On the Plant 1 is the painting line, the foaming machines, the welding cells and the general store. There is a waste yard between the two plants.

Scope of the Environmental Management System

Our environmental control reaches to all the processes products and services that are generated in **Gestamp Metalbages** and to the subcontractors that work in our name. The suppliers of raw materials of the metal as well as the management of the waste of metal are by internal requirement of the group Gestamp itself and although we have no direct influence with them we can exert informative influence to Corporation GESTAMP that is who It has real influence, so we have an indirect influence. In the other phases of the life cycle we have no influence of environmental control but we do direct communication with the rest of our suppliers and customers. The design stage of the product is developed by the customers as well as the characteristics of the products.

Significant Environmental Aspects

- The initial environmental aspects are identified and evaluated to determine the significant minimum once a year considering normal, abnormal and emergency situations and from a life-cycle perspective, that is, considering the activities, Products and services of Gestamp Metalbages, S.A.

- The environmental aspects identified are subject to evaluation, to determine those that have or can have a significant environmental impact.

- Following the evaluation of aspects carried out with the results of 2017 have been considered as Significant Environmental Aspects:

Significant Environmental Aspects

ENVIROMENTAL GROUP	ENVIROMENTAL ASPECT	CONCERNED PARTIES	OBSERVATIONS	OPERATIONAL CONTROL LINK
RESOURCE	ELECTRICAL ENERGY CONSUMPTION	MAINTENANCE, ENVIRONMENT, IMPROVEMENT, PRODUCTION AND MANAGEMENT	Significant permanent aspect, due to the significant energy consumption that supposes.	CONTROL AND MONITORING OF CONSUMPTION
RESOURCE	CONSUMPTION OF REMAINING CHEMICALS	MAINTENANCE, ENVIRONMENT, IMPROVEMENT AND MANAGEMENT	The consumption of Lime and Sulfuric Acid increases in the Wastewater Treatment Plant by 29% due to changes in the purification process.	CONTROL OF INDICATORS
RESOURCE	CONSUMPTION OF OILS	MAINTENANCE, ENVIRONMENT, PRODUCTION AND MANAGEMENT	The percentage of oil per piece manufactured increases by 13.5%.	CONTROL OF INDICATORS
RESOURCE	CONSUMPTION OF NATURAL GAS	MAINTENANCE, ENVIRONMENT, IMPROVEMENT, PRODUCTION AND MANAGEMENT	The increase in consumption of natural gas increases by 20% due to the 4th shift and the increase in HDD.	CONTROL AND MONITORING OF CONSUMPTION
RESIDUE	USED OILS AND CUTTING FLUID	MAINTENANCE, ENVIRONMENT AND MANAGEMENT	The increase in oil consumption per piece increases the residual oil by 46%.	CONTROL AND MONITORING OF RESIDUE
RESIDUE	EMPTY SEALANT DRIPPERS	ENVIRONMENT, PRODUCTION AND MANAGEMENT	The increase in empty sealant drums increases 62.2% due to the increase in foaming production.	CONTROL AND MONITORING OF RESIDUE
RESIDUE	PLASTIC POLYPROPYLENE	MAINTENANCE, ENVIRONMENT, PRODUCTION AND MANAGEMENT	The increase in consumption of polypropylene plastic per piece rises 20.6% due to the increased consumption of protected coils.	CONTROL AND MONITORING OF RESIDUE

Closed Environmental Objectives 2017

The closed Environmental Objectives of 2017 are the following:

Nº	Parameters	Objective + Scheduled date	Accumulated objective	Effective date	Effectiveness evaluation
1 (GESTAMP)	ENERGY EFFICIENCY: REDUCTION OF 6.7% OF THE COST IN ENERGY CONSUMPTION ELECTRICITY AND GAS (MONITORING IN GESTAMP DOCUMENT)	2017 85.162 €	114.296 €	01/01/2019	Check the real savings in gas and electricity. Actions up to December 2017 with which the results can not be assessed until December 2018. Continuous objective, the efficiency in savings of 2016 of 104,531 € is valued.
2	REDUCTION OF CONTAMINANT LOAD AND CONSUMPTION OF SURFACTANTS IN PAINT. (NEW INVERSAENELGRUPO GROUP)	2020 < 3,05 gr/m2	THE OBJECTIVE IS POSTPONED IN PREVISION OF A NEW PAINTING LINE		
2.1	Study and offer of a Osmosis group for the line of painting (baths 1-2-4-5-7) keeping the group of water D.I. for the Bath No. 8	100%			
2.2	Osmotic Water Group Installation	100%			
3	SOLAR ENERGY	2020 <10.375 Mkw	WITHOUT CHANGES	10-04-21	
3.1	Study and monitoring for investment in solar panels. New TESLA Solar roof system.	100%	WITHOUT CHANGES		
3.2	250KW installation of photovoltaic solar panels for their own use.	100%	WITHOUT CHANGES		
4	IMPLEMENTATION OF THE NEW ISO 14001:2015	2017 100%	100%	12-01-18	ISO 14001: 2015 Certification External Audit TÜV - (10-11) 01-18
4.1	Adaptation of the documentary and management system to the new standard.	100%	100%		
4.2	Specific training of the personnel involved and Direction.	100%	100%		

Closed Environmental Objectives 2017

Nº	Parameters	Objective + Scheduled date	Accumulated objective	Effective date	Effectiveness evaluation
5	REPAINTING OF THE STRUCTURE OF THE PHYSICAL-CHEMICAL TREATMENT PLANT	2017 100%	100%	01/06/2017	Effective
6	REDUCTION OF GENERAL WOOD RESIDUE	2018 < 461 Tn.	465 Tn.		
6.1	Referral extension of reusable cribs from Gonvauto	100%	20%		
7	REDUCTION OF WATER CONSUMPTION OF WATER GROUP D.I.	2017 <1.665m3	1492 m3	01/06/2018	Increases the water consumption of the DI group in the first four-month period. It does not get enough soda that should go into regeneration. Corrective action The fault is repaired by obtaining the target value. Effective
7.1	Automatic level control system with conductivity jump alarm.	100%	100%		
7.2	Consumption tracking	100%	100%		
8	IMPROVEMENT OF GENERAL PACKAGING SEGREGATION (General waste reduction)	2017 < 31,22 Tn	28,7 Tn	12/02/2018	Tn. Generated 5,7Tn in January 2018. 1 Tn less than in 2017. Effective
8.1	Signaling in collecting buckets not throwing leftover food	100%	100%		
8.2	Remind staff of the correct segregation of containers: informative screens-electronic payroll	100%	100%		
8.3	Cambio por bolsas de colores / residuo	100%	100%		
9	REDUCTION OF NET WATER CONSUMPTION IN THE PAINT PROCESS (liters/m2)	2017 < 7,34 l./ m2	7,26 l./m2	01/07/2018	It is painted at night from W.5 to W.13, consuming more water. As of this week, the goal value is achieved. Effective
9.1	Control of the supply flow of Bath No. 3 for regulating the water consumption by overflow to the treatment system. New continuous water output. Regular current valve.	100%	100%		

Closed Environmental Objectives 2017

Nº	Parameters	Objective + Scheduled date	Accumulated objective	Effective date	Effectiveness evaluation
11	ENSURE THAT YOU DO NOT EXCEED THE STORAGE OF SPECIAL WASTE IN THE WASTE YARD FOR 6 MONTHS.	2017 100%	100%	17/01/2018	Ensure that the waste is collected. Effective
11.1	Planning in the sampling plan of the collection of the special waste of less generation.	100%			
	Training-sensitization in the maximum storage time of 6 months	100%	100%		
12	TO IMPLEMENT ENVIRONMENTAL AWARENESS AND ENERGY EFFICIENCY IN PEOPLE WHO ARE UNDER OUR CONTROL. (EXTERNAL COMPANIES INCLUDED)	2018 100%	50%		
12.1	Communicate the environmental objectives and environmental performance of the Organization on the Gestamp website for interested parties.	100%	100%		
12.2	Training-sensitization to external companies working in our facilities in internal environmental requirements + energy efficiency + potential emergencies	100%	25%		
12.3	Training-sensitization to the petitioners of services to external companies that work in our facilities in the internal environmental requirements and their supervision + energy efficiency + potential emergencies	100%	25%		
13	IMPLANT AND EVALUATE ENVIRONMENTAL PERFORMANCE INDICATOR	100%	100%	12/01/2018	Opinion of external auditors ISO14001: 2015. Effective
		% OBJECTIVES FULFILLED	100%	100%	% EFFECTIVENESS OBJECTIVES

Environmental Objectives 2018

Taking into account significant environmental aspects, legal requirements and other requirements, and risks and opportunities; As well as their viability, the following environmental goals and objectives have been established for the year 20178

Nº	PARAMETERS	OBJECTIVE + SCHEDULED DATE
1 (GESTAMP)	ENERGY EFFICIENCY: REDUCTION OF THE COST IN ENERGY CONSUMPTION ELECTRICITY AND GAS (MONITORING IN GESTAMP DOCUMENT)	2018 37.854 €
2	REDUCTION OF THE CONTAMINATING LOAD AND CONSUMPTION OF TENSEACTIVOS IN PAINTING. (NEW OSMOSI GROUP)	2020 < 3,05 gr/m2
2.1	Study and offer of a group of Osmosis for the painting line (baths 1-2-4-5-7) keeping the water group D.I. for the bathroom nº8	100%
2.2	Installation of the Osmotized water group	100%
3	SOLAR ENERGY	2020 <10.375 Mkw
3.1	Study and monitoring for investment in solar panels. New TESLA Solar roof system.	100%
3.2	250KW installation of photovoltaic solar panels for their own use.	100%
4	REDUCTION OF THE CONSUMPTION OF PRODUCTS SULFURIC ACID AND CAL HYDROXIDE FOR THE PAINT DEPURATOR.	2018 < 19.545 Kg
4.1	Implement new good environmental practice of using the residual of the chemical cleaning of the bath nº5 as a reactive of the treatment plant.	100%
4.2	Change of lime hydroxide by high reactance liquid lime	100%

Environmental Objectives 2018

Nº	PARAMETERS	OBJECTIVE + SCHEDULED DATE
5	REDUCTION OF NATURAL GAS CONSUMPTION IN TEMPERATURE DEMAND HEATING: MAINTAIN THERMOSTATS AT 18ºC.	Facturados < 7.535.435 kw
6	REDUCTION OF GENERAL WOOD RESIDUE (monitoring in residue control)	2018 < 461 Tn.
6.1	Extension of references of reusable cradles of Gonvauto	100%
7	ENSURE ENVIRONMENTAL LEGISLATIVE COMPLIANCE	2018 100%
7.1	Change of legal update company. Currently Infosald	100%
8	REDUCTION OF TENSOACTIVOS	2018 < 4,6 Tn
8.1	Change of surfactant bonderite 1352 sls to bonderite ak 1562. 3% theoretical reduction.	100%
9	REDUCTION OF SANITARY WATER CONSUMPTION	2018 <22.294 m3
9.1	17 new urinals without water (urimat). Estimated savings of € 2,956 / year. Theoretical return of 2 years.	100%
10	IMPROVEMENT OF WASTE IDENTIFICATION IN VOLCET STRUCTURES	2018 100%
10.1	Improve the structure and collar the posters so they do not break or fall	100%

Environmental Objectives 2018

Nº	PARAMETERS	OBJECTIVE + SCHEDULED DATE
11	IMPROVEMENT OF WASTE SEGREGATION IN OFFICES	2018 100%
11.1	Unification of collection points for packaging, cardboard and general waste in offices	100%
12	IMPLEMENT ENVIRONMENTAL CONSCIENCE AND ENERGY EFFICIENCY IN PEOPLE WHO ARE UNDER OUR CONTROL. (EXTERNAL COMPANIES INCLUDED)	2018 100%
12.1	Communicate the Environmental Objectives and Environmental Performance of the organization on the Gestamp website for interested parties.	100%
12.2	Training-sensitization to external companies that work in our facilities on internal environmental requirements + Energy Efficiency + Potential Emergencies	100%
12.3	Training-Sensitization to the petitioners of services to external companies that work in our facilities in the internal environmental requirements and their supervision + Energy Efficiency + Potential Emergencies	100%
12.4	Delivery of basic information to the entrance of visits + subcontractors with the possibility of suggestion.	100%
13	REDUCE% DIRTY OIL CONSUMPTION IN RESPECT OF THE NEW OIL (dirty Tn / new Tn)	2018 < 84,6%
13.1	Review oil losses in machines and the necessary contributions per piece.	100%
14	OBTAINING THE ENVIRONMENTAL AUTHORIZATION WITH THE NEW PAINTING LINE	2019 100%
14.1	Preparation of the necessary information	100%
14.2	Obtaining environmental authorization with the new painting line	100%

Environmental Indicators and Environmental Performance

- Monitoring of the environmental indicators defined, monthly and yearly, will also be defined indicators that control environmental performance and evaluation.
- The indicators that are monitored monthly are defined by the environmental objectives that each year define. The indicators requested from Gestamp are also monitored monthly. Annually, a comparative of the indicators that are created suitable for the evaluation of environmental aspects and the environmental performance are made.
- The values that are monitored monthly to evaluate the environmental performance are:

    1. LEADERSHIP: % ACTIONS THAT PASS TO OBJECTIVES
    2. NON-CONFORMITIES
    3. % COMPLIANCE: ENVIRONMENTAL OBJECTIVES
    4. EFFECTIVENESS OBJECTIVES
    5. SELECTIVE COLLECTION OF WASTE
    6. CO2 EMISSIONS

These indicators are assessed and evaluated monthly according to the criteria established by the environmental officer.

Environmental Indicators and Environmental Performance

- An annual quantitative assessment of environmental performance is also performed and compared to that of the previous year to see if the environmental performance is correct and the improvements that can be implemented.

INDICATOR	u.	2016	2017	Increase (Indicator)
1 - LEADERSHIP: % ACTIONS THAT PASS TO OBJECTIVES	%	5	10	
2 - NON-CONFORMITIES	u.	10	10	
3 - % COMPLIANCE: ENVIRONMENTAL OBJECTIVES	%	0	10	
4 - EFFECTIVENESS OBJECTIVES	%	10	10	
5 - SELECTIVE COLLECTION OF WASTE	% OK	5	5	
6 - CO2 EMISSIONS	Tn. CO2	5	5	
ASSESSMENT ENVIRONMENTAL PERFORMANCE		35	50	
ASSESSMENT OF THE ENVIRONMENTAL MANAGEMENT SYSTEM		CAN IMPROVE SELECTIVE WASTE COLLECTION. OBJECTIVES UNEMPLOYED BY INVESTMENT COURT GESTAMP.	CAN IMPROVE SELECTIVE WASTE COLLECTION AND CO2 GENERATION.	

Working for a Safer and Lighter Car

www.gestamp.com

ENVIROMENTAL STATEMENT 2018

Gestamp Metalbages