



ENVIROMENTAL STATEMENT 2022

Gestamp Metalbages



Gestamp Metalbages, SA 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 productive area of stamping, welding and painting are located on floor 2.

On floor 1 welding cells and the general store are located. There is a waste yard between the two floors.

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.



- 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, SA
- 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 2021 have been considered as Significant Environmental Aspects:

| ENVIRONMENTAL GROUP | ENVIRONMENTAL ASPECT | CONCERNED PARTIES | OBSERVATIONS | OPERATIONAL CONTROL LINK |
|---------------------|---|--|--|--|
| RESOURCE | ELECTRICAL ENERGY CONSUMPTION | Maintenance Departments, Environment, Continuous improvement Production and Management | Significant permanent aspect, due to the significant energy consumption involved. | CONTROL AND MONITORING OF CONSUMPTION |
| RESOURCE | CONSUMPTION OF SOLVENTS | Production, Environment, and Management Departments | The addition of solvent has increased, by changing to CA107 that replaced the Hexylglycol that was no longer made. | CONTROL AND MONITORING OF CONSUMPTION |
| RESOURCE | CONSUMPTION OF REMAINING CHEMICALS | Production, Environment, and Management Departments | Increases the consumption of ferric chloride in the treatment plant to obtain a good purification of the residual waters and therefore the lime. | CONTROL AND MONITORING OF CONSUMPTION |
| RESOURCE | CONSUMPTION OF OILS | Maintenance, Environment, Production and Management Departments | Due to the reduction in production and purchase of raw material, by relativizing it with the purchase of new oil, the ratio rises. | CONTROL AND MONITORING OF WASTE |
| RESIDUE | USED OIL AND DRILLS | Production, Environment, and Management Departments | Increased due to dismantling of the head change in the S.32 press. Collection of machine oil approximately 3,000 extra liters. | CONTROL AND MONITORING OF WASTE |
| RESIDUE | CONTAMINATED EMPTY CONTAINERS (FOAMING DRUMS) | Production, Environment, and Management Departments | A collection was made at the beginning of January corresponding to 2020. | CONTROL AND MONITORING OF WASTE |
| RESIDUE | WASTEWATER: Aqueous liquids (FOAMING PLANT, TREATMENT TANKS, WATER WITH PAINT...) | Production, Environment, and Management Departments | NC nº101 open: Contamination with paint in the sewage treatment plant. | CONTROL AND MONITORING OF NON-CONFORMITY |
| WATER MANAGEMENT | DISCHARGE OF TREATED WATER FROM THE LINE OF PAINTING | Maintenance, Environment, Production and Management Departments | NC nº102: open: Discharges with values out of range. | CONTROL AND MONITORING OF NON-CONFORMITY |

Closed Environmental Objectives 2021

The Closed Environmental Objectives of 2021 are as follows:

| No. | Parameters | Objective + Expected date | Accumulated goal | Effective date | Efficacy assessment |
|-------------|--|---------------------------|------------------|----------------|--|
| 1 (GESTAMP) | ENERGY EFFICIENCY : REDUCTION OF COST IN ENERGY CONSUMPTION, ELECTRICITY AND GAS (Follow-up in Gestamp Document) | 2021 | 0 € | 10/01/2023 | |
| | | 17.546 € | | | |
| 2 | OBTAINING OF MANDATORY LEGAL DOCUMENTATION | | | | |
| 2.1 | Obtaining environmental license adding the new paint line | 2021 | 75% | 10/01/2022 | |
| | | 100% | | | |
| 2.2 | Homologation of the new chemical room | 2021 | 100% | 10/01/2022 | Effective. Approved room. |
| | | 100% | | | |
| 3 | ENVIRONMENTAL ACTIONS ON THE NEW PAINT | | | | |
| 3.1 | Use of the rejection water of the osmosis group (400l / h) for gray water. New paint sinks. | 2022 | 0% | 10/01/2023 | |
| | | 100% | | | |
| 3.2 | Industry 4.0 applied to internal logistics and communication with plant personnel. | 2021 | 46 u./100h. | 10/01/2022 | Effective. consumption is maintained |
| | | 116 u./ 100 h | | | |
| 4 | IMPROVEMENT IN THE IDENTIFICATION OF WASTE. (confusion between packaging and plastic) | 2022 | | | |
| 4.1 | Color change: Polyethylene plastic dump trucks =White, Waste= Black, Paper-cardboard = Blue | 100% | 10% | 10/01/2023 | |
| 6 | OBJECTIVES OF THE SPECIAL WASTE MINIMIZATION PLAN | 2021 | | | |
| 6.1 | Reduction of sewage sludge in the new painting line | < 37 Tn. | 28,30 Tn | 31/03/2022 | The objective has been met but we have to wait to see how much has been generated during the 1st Quarter to assess the efficiency since more sludge is currently being generated due to the improvement in purification. As of 3-16-22, 10.28 tons of sludge have been generated, NOT EFFECTIVE. |

Closed Environmental Objectives 2021

| No. | Parameters | Objective + Expected date | Accumulated goal | Effective date | Efficacy assessment |
|------|--|---------------------------|------------------|----------------|---|
| 7 | IMPLEMENT ENVIRONMENTAL AWARENESS AND ENERGY EFFICIENCY IN PEOPLE WHO ARE UNDER OUR CONTROL. (EXTERNAL COMPANIES INCLUDED) | 2022 | 25% | 10/01/2023 | |
| | | 100% | | | |
| 7.1 | Training-awareness to external companies that work in our facilities on internal environmental requirements + energy efficiency + potential emergencies | 100% | 25% | 10/01/2023 | |
| 7.2 | Training-awareness to the petitioners of services to external companies that work in our facilities on internal environmental requirements and their supervision + energy efficiency + potential emergencies | 100% | 0% | 10/01/2023 | |
| 7.3 | Delivery of basic information at the entrance of visits + subcontractors with the possibility of suggestion. | 100% | 0% | 10/01/2023 | |
| 7.4 | Awareness session for internal staff | 100% | 0% | 10/01/2023 | |
| 8 | EXTERNAL NOISE CONTROL IN THE OUTSIDE AREA OF THE NEW PAINT LINE | 2021 | 100% | 10/01/2022 | Effective. Control carried out in April 2021. Correct results at this point. |
| | | 100% | | | |
| 9 | LEGAL COMPLIANCE AUDIT | 2021 | | | |
| | | 100% | | | |
| 9.1 | Change from Infosald to CETAIMA | 100% | 100% | 10/01/2022 | Effective. Assess whether there has been any deviation due to not having identified a legal requirement. The external environmental audit was carried out and there was no deviation regarding any legal requirement. |
| 10 | IMPROVED CLEANING IN THE NEW PAINTING AND TREATMENT LINE | 2021 | | | |
| | | 100% | | | |
| 10.1 | Small rotary machine for corners inaccessible with the scrubbing machine. | 100% | 100% | 10/01/2022 | Effective. The paint and sewage lines are kept clean. |
| 10.2 | Include cleaning in preventive paint maintenance | 100% | | | |
| 11 | REDUCTION OF WATER CONSUMPTION IN WASHBASINS | 2021 | 9,08 m3/1000h | 01/03/2022 | Effective. During the months of January and February 2022, the values remain below 12 m3/1000h. |
| | | <12 m3/1000h | | | |

| No. | Parameters | Objective + Expected date | Accumulated goal | Effective date | Efficacy assessment |
|------|---|------------------------------|------------------|----------------|--|
| 12 | CORRECT IDENTIFICATION OF POSTERS | 2021 | | | |
| | | 100% | | | |
| 12.1 | Correct identification of the polypropylene container | 100% | 25% | 10/01/2022 | Effective. Posters of all correctly identified waste are kept. |
| 12.2 | Identify the new facilities: Treatment plant, Chemical products room, Laboratory. | 100% | 0% | 10/01/2022 | |
| 13 | CONTROL OF EXTERNAL LIGHT POLLUTION IN THE OUTSIDE AREA OF THE NEW PAINTING LINE | 2021 | | | |
| | | 100% | 100% | 10/01/2022 | Effective. Control carried out in April 2021. |
| 14 | REDUCTION IN THE CONSUMPTION OF DEMINERALIZED WATER TANKS | 2021 | | | |
| | | <1.464 m3 | 1.180 m3 | 10/01/2023 | Possible environmental objectives are proposed for 2022 to further improve this aspect. |
| 15 | AUDITOR OBSERVATIONS | 2021 | | | |
| | | 100% | | | |
| 15.1 | Correct signage of the container core next to the tooling workshop. | 100% | 100% | 10/01/2022 | Effective. Changes are kept |
| 15.2 | Remove outdated environmental policy from S.74. | 100% | 100% | 10/01/2022 | Effective. Changes are kept |
| 16 | REDUCE WASTE WASTE WITH PAINT. | 2021 | | | |
| | | <8 Tn (trim) | <8 Tn (trim) | 16/03/2022 | Effective. During the first quarter of 2022 there has been no collection of this waste. |
| 16.1 | System emptied from clean ultrafilter to Treatment Plant | 100% | 100% | 10/01/2022 | Effective |
| 16.2 | Water collecting canals to treatment plant | 100% | 0% | 10/01/2022 | |
| 16.3 | Improved paint racks to reduce carryover | 100% | 5% | 10/01/2023 | Changes to the new racks with a crescent-shaped railing platen at the top begin. Pending deciding if we are going to continue with the objective to the other wings. |
| | | % OBJECTIVES ACHIEVED | 83,33% | 92,86% | % EFFECTIVENESS OBJECTIVES |

Taking into account significant environmental aspects, legal and other requirements, and risks and opportunities; as well as their viability, have been established for the year 2022 the following environmental goals and objectives:

| No. | PARAMETERS | OBJECTIVE + ESTIMATED DATE | |
|-------------|---|----------------------------|---------------|
| 1 (GESTAMP) | ENERGY EFFICIENCY : REDUCTION OF THE COST IN ENERGY CONSUMPTION, ELECTRICITY AND GAS (Follow-up in Gestamp Document) | 2022 | |
| | | 17.546 € | |
| <u>2</u> | OBJECTIVES OF THE SPECIAL WASTE MINIMIZATION PLAN | 2025 | |
| 2.1 | REDUCTION OF AQUEOUS LIQUIDS - Water with paint (pits) | 30 Tn | |
| <u>3</u> | POTENTIAL OBSERVATIONS OF THE EXTERNAL AUDITOR | 2022 | |
| | | 2 de 3 | |
| 3.1 | Sign with information on the foaming products visible in the robot area with the pictograms according to CLP. Provide the FEMAPOR Component B Safety Data Sheet in the workplace. | 100% | |
| 3.2 | Improve the evaluation of the possible causes of Non-Conformities. | 100% | |
| 3.3 | It is recommended that emergency NCs could also be included in the NC Management system or in the Sampling Plan.; drills, P.Q rooms,... | 100% | |
| <u>4</u> | OBTAINING THE ENVIRONMENTAL LICENSE WITH THE NEW PAINTING LINE | 2022 | |
| | | 100% | |
| <u>5</u> | REDUCTION OF WATER CONSUMPTION | | |
| 5.1 | Reduction in the consumption of demineralized water tanks (€28,000) | 2022 | |
| | | <1.180 m3 | |
| <u>6</u> | CONTROL OF ENERGY CONSUMPTION: Monitoring of the painting line and new installations with Siemens. | 2022 | |
| | | 100% | |
| <u>7</u> | IMPROVEMENT OF SPILL CONTROL IN THE PAINTING LINE: SCADA of paint and treatment plant in the Laboratory | 2022 | |
| | | 100% | |
| <u>8</u> | REDUCE THE POLLUTING LOAD OF TREATED WATER: Oil and soaps. | 2022 | |
| | | DQO | < 1189 mgO2/l |
| | | Conductividad | < 2520 µS/cm |
| 8.1 | Continuous oil filtration system | 100% | |
| 8.2 | Increase the life of the degreasers to reduce the l/h to be purified: 1 month to 2 months (osmotized water - accumulate DI water consumption) | 100% | |
| 8.3 | Lower the inlet water hardness (CO2 - under study) | 100% | |
| 8.4 | Remake the DUCA with the new limits - Reduction of CANON: Difference: €25,610 (Canon) + €9,000 (Consumption) = €34,610 | 100% | |

- The defined environmental indicators are monitored monthly and annually, the indicators that control environmental performance and their evaluation will also be defined.
- The indicators that are controlled Monthly are defined by the Environmental Objectives that are defined each year. The indicators that are requested from Gestamp. Annually, a comparison is made of the indicators that are created suitable for the evaluation of Environmental Aspects and Environmental Performance.
- The values that are controlled monthly to evaluate Environmental Performance are:
 1. LEADERSHIP:% ACTIONS THAT GO TO OBJECTIVES
 2. NON-CONFORMITIES
 3. % COMPLIANCE: ENVIRONMENTAL OBJECTIVES
 4. EFFECTIVENESS OBJECTIVES
 5. SELECTIVE WASTE COLLECTION
 6. CO2 EMISSIONS

These indicators are assessed and evaluated on a monthly basis following the criteria established by the Head of the Environment.

An Annual numerical evaluation of Environmental Performance is also carried out and it is compared with that of the previous year to check if the Environmental Performance is correct and the improvements that can be implemented.

| INDICATOR | u. | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Increment (Indicator) |
|---|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|
| 1 - LEADERSHIP:% ACTIONS GO TO OBJECTIVES | % | 5 | 10 | 10 | 10 | 10 | 10 | ↑ |
| 2 - NO CONFORMITIES | u. | 10 | 10 | 10 | 0 | 0 | 10 | ↑ |
| 3 -% COMPLIANCE: ENVIRONMENTAL OBJECTIVES | % | 0 | 10 | 10 | 10 | 5 | 10 | ↑ |
| 4 - EFFECTIVENESS OBJECTIVES | % | 10 | 10 | 5 | 10 | 5 | 10 | ↑ |
| 5 - SELECTIVE WASTE COLLECTION | % OK | 5 | 5 | 5 | 5 | 5 | 10 | ↑ |
| 6 - CO2 EMISSIONS | Tn. CO2 | 5 | 5 | 10 | 5 | 5 | 10 | ↑ |
| ENVIRONMENTAL PERFORMANCE ASSESSMENT | | 35 | 50 | 50 | 40 | 30 | 60 | |

EVALUATION OF THE ENVIRONMENTAL MANAGEMENT SYSTEM

It can improve in the selective collection of waste and the generation of co2.

It must improve the effectiveness of the targets and the selective collection of waste.

This year many of the goals have been postponed because they have been scheduled for 2020 with the new paint line in mind.

Due to the Covid and the Ertecarried out, the 2020 Goals are closed in November, for this reason the fulfillment and effectiveness of goals has decreased. Several NCs have been opened. The waste collection could not be carried out correctly.

This year the fulfillment and efficiency of the objectives has been improved. With the drop in production, emissions have been reduced considerably. Waste segregation has improved.



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