Talleres del Besaya S.A.

Metal construction
Boilermaking – Industrial and naval assembly

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1) **Origin, activity and current legal situation**

Talleres del Besaya, S.A. is a firm specialized in heavy and light industrial boilermaking, metal structure, naval construction up to 100 tons, manufacturing of equipment, mechanical ventilation, air conditioning ducts, different works made of carbon steel, stainless steel and aluminium, manufacturing and design of pressure vessels and storage tanks with or without ASME “U Stamp” using PV Elite software and manufacturer of train frames and chassis.

Such activity starts in 1970 with the company known as Talleres del Besaya and then, in 1980, Talleres del Besaya, S.A. was founded with a share capital of 60,000 €.
2) Location and facilities

Our facilities are located in Santiago de Cartes, Cantabria, Spain, near Santander Port (about 25 minutes by motorway) and with the following dimensions:

- An 1800 m² warehouse of 60 meters length and 30 meters width.
- A three-plant building with meeting room and offices. Total 700 m².
- A 3000 m² surface whose main function is the procurement and the stock of materials.
3) **Employees and workforce**

The current staff consists of 32 specialized people in their areas like 21 senior welders and boilermakers, engineers, draftsmen, administrative staff and executives. All of them have a broad experience and the workforce is highly skilled and well trained in their job and the way of working is proper and safe.

Our personnel policy is the continuous training as current moment requires.

4) **Homologations and certifications**

Talleres del Besaya, S.A. is registered at the Regional Ministry of Industry as manufacturer of pressure vessels with number 41-01.

Our welding procedures are homologated (steel and aluminium) by European Standards and ASME code (The American Society of Mechanical Engineers) and the welders own their corresponding certificates issued by Bureau Veritas, Lloyd’s Register, Eurocontrol, Norske Veritas, Germanischer Lloyd, Atisae…

Our company is certified in ISO 9001:2008 Quality Management System by BVQi. Also we have the certification as Manufacturer of naval vessels up to 100 tons (expandable if it is necessary).

Lastly, we have the certificate for manufacturing pressure vessels with ASME “U Stamp” since 2011.

Moreover, we are in implementation phase of the UNE EN (Spanish and European Standards) 1090-1 and 2: Execution of steel structures, class EXC3
5) Activities classified by sector

**Naval sector**

During the last years, Talleres del Besaya has devoted an important part of our production to this sector. This is the reason for our wide experience.

In the staff, there are technicians capable of interpreting drawings and naval documents such as codes and standards. Additionally, we usually work at shipyards where the assembly personnel knows how to operate in naval transformations and repairs.

Several materials are worked like aluminium, stainless steel and naval steel and their different grades and qualities.

Relevant works: ship blocks, double bottoms, wheelhouses, chimneys, spars and masts, latches, metal watertight door, dike gates, fishing boats, tourist riverboat, ship transformations...
**Industrial sector**

Manufacturing of equipment such as incineration chambers, burners, design and manufacturing of pressure vessels with and without ASME “U Stamp”, purification tanks, water filters with varying geometries and typologies (osmosis), silos and hoppers, heat exchangers, etc.

We collaborate and deal with prestigious engineering and we all together share our experience and knowledge to the benefit of the projects.

Sometimes, the works are huge pieces, due to this fact, we usually transport them to the Santander Port by motorway (about 25 minutes).

**Rail sector**

Manufacturing of 160 train wagon frames and chassis Type PMC 4 axis for Turkey and Germany.

Also, we have repaired some frames for FEVE (Narrow Gauge Railroad).

**Energy sector**

Talleres del Besaya is making an effort trying to expand our market towards green and renewable energy because we think we are able to deal with it and it seems to be one of the main ways the market is going over the next years.

We work with the international engineering APIA XXI in projects which consisted in a floating tank, anchors for a wind buoy and foundations.
6) **Main costumers**

ASTILLEROS DE SANTANDER S.A. - El Astillero (Cantabria).
ASTILLEROS ZAMAKONA DE SANTURCE - Santurce (Vizcaya).
ASTILLEROS MURUETA, S.A. (Vizcaya)
ASTILLEROS ZAMAKONA PASAIA
SNIACE S.A. - Torrelavega (Cantabria).
FIVES PILLARD ESPAÑA, S.A. Tres Cantos (Madrid)
BERGE MARITIMA. Santander. (Cantabria)
TECNICOS y CONSTRUCTORES S.A. (TECOSAN) - Santander (Cantabria).
IZAR-NAVANTIA-CARTAGENA (Cartagena).
FRIVASA. Sondika. (Vizcaya).
CELLTECH, S.L. Torrelavega (Cantabria).
VEOLIA WATER SYSTEM IBERICA (Madrid).
TEXTIL SANTANDERINA S.A. (Cantabria)
LOINTEK S.L. (Vizcaya)
7) The most relevant works

- Dike gate No 1 for ASTILLEROS SANTANDER, S.A.
- Conveyor belt for FIRESTONE HISPANIA, S.A.
- Construction of aluminium wheelhouses for ferries, fishing ships, tugboats for ASTILLEROS ZAMAKONA (last 15 years).
- Steel and aluminium blocks for ships (last 15 years).
- Transformation and repairs (Lord of the Glens – Lord of the Highlands, and many more, 2001).
- Manufacturing of 160 train wagon frames and chassis Type PMC 4 axis (2004).
- Manufacturing of incineration waste chamber for Ateste (Mexico, 2004).
- 26 m length touristic fluvial boat in Valladolid (2006).
- Mast for the oceanographic ship Hespérides (2009).
- Industrial burner for Avilés steelworks for Pillard Spain (2013).
- Aluminium mast, wheelhouses and ship blocks for ASTILLEROS ZAMAKONA y MURUETA (2013).
- 25 tons naval steel masts with aluminium platforms for several shipyards (2014 and 2015).
- Continuous and intermittent purge tanks with “U Stamp” for South Africa and Israel for Lointek (2015)
- Purification tanks (Type Actiflo) for Veolia Water (2015 and 2016).
- Aluminium chimneys for Brittany Ferries (2015 and 2016).

NOTE: Most works are verified and certified by corresponding inspectors from several quality institutions like Bureau Veritas, Lloyd’s Register, Norske Veritas, Germanischer Lloyd, etc.

8) Upcoming project for Talleres del Besaya

Talleres del Besaya has acquired a 12.800 m² estate in Besaya Business Park located in Reocín. We are planning build 4 warehouses with a total surface of 7.000 m² in order to increase our production and create new jobs.

9) Usual banking entities

- BANCO BILBAO VIZCAYA ARGENTARIA (BBVA)
- BANCO POPULAR
- BANKINTER
10) *Photographic appendix.*
Industrial sector
Floating buoy
Sand silos
Air pressure tanks with “U Stamp”
Purge tanks with “U Stamp”
Water purification tank
Water purification tank
Portable and experimental water purification tank
Sulphuric acid tank
Sand filter
Water filters for thermosolar plant
Incinerator horizontal chamber

Incinerator chimney
Vertical duct of the incinerator chamber
Bleaching paper pulp tank for purification
Stainless steel pipes
Exchange heater with plates type Rosenblads
Exchange heater cases
Sawdust tank
Chimney tops
Naval sector
Mont Saint-Michel aluminium funnel ship –upper part- (Brittany Ferries)

Mont Saint-Michel aluminium funnel ship –lower part- (Brittany Ferries)
Aluminium wheelhouse and mast

Aluminium wheelhouse
Aluminium ship block
Steel double bottom
Steel double bottom
Steel block
Touristic fluvial boat
Steel mast for BIO Hespérides Oceanographic Ship
Steel mast

Steel mast with aluminium platforms for tuna seiner
Main boom for tuna seiner
Aluminium mast and hatch
Steel fishing boat
Manufacturing of chassis wagon
Chassis wagon type PMC 4 axis (Transfesa)