

Allard-Europe, The Steel and Iron Foundry

Allard-Europe is a reliable steel and iron foundry making large castings to customer specifications. All produced castings can be machined in-house. The machining shop is equipped with CNC milling and turning machines with a capacity up to 10m diameter. CAD/CAM software (Siemens NX8) adds up to the flexibility of the company.

Investing for the future

Allard-Europe has invested for the coming years. This means that a higher melting capacity for heavier castings and higher flexibility is installed, this with a melting capacity to over 40t. More precise analysis equipment is installed for chemical elements O, N, H, C and S together with new heat treatment furnaces. To optimize the lead time and to accommodate new equipment, Allard-Europe has built a brand new machining shop. The existing machining equipment is moved to the new facility and new machines has been installed for a better service. The new machines are a vertical lathe with a maximum outside turning diameter of 4.7m (provided with spindle and double column design); and a new 5-axes controlled milling and boring machine with machining length up to 13m.

Materials

Carbon steel, low alloy steel, heat-resistant steel, wear-resistant steel and stainless steel (Martensitic SS, Ferritic SS, Austenitic SS, Duplex SS)

Duplex Castings

Through elaborated process control during melting Allard-Europe is able to achieve low carbon, and ELC-grades in stainless steel. Thanks to extensive research, Allard-Europe has the knowhow to make heavy sectioned parts in duplex stainless steel, e.g. GX2CrNiMoCuN25-6-3-3. The foundry has a long history in making low carbon martensitic grades like CA6NM or GX3CrNi13-4.

References

GDF Suez (Heinrichs), EDF (Andritz), Atlas Copco, Smet Tunnelling

Quality Assurance

The company is ISO 9001 BV certified. Lloyd's approved.



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