The LABETEMP manipulator has been developed to take the temperature and sample of the liquid steel for its chemical analysis through the slag door. This is done through the deslagging door and with the furnace operating at all times. The equipment is anchored to the fixed platform on any side of the door, allowing space in front of the door when it is not in operation. Also, the process is completely automatic and safety is improved because there is no operator in front of the door.

Characteristics:
- Refrigerated lance for improved durability.
- Quick lance connection for easy replacement.
- Superparabolic movement for better entrance of the lance in the bath.
- Automatic operation from the EAF cab.
- Adapted to any type of commercial cartridge.

Advantages:
- Totally safe since there is no operator in front of the door.
- Automatic operation from the EAF cab.
- It works while the furnace is on.
- It works with the oxygen and coal injection system on.
- Angle repetitiveness and insertion depth increase the measurement reliability.
- Easy maintenance.
- Touch screen with historic registers, alarms, process status, etc.
LABEA is a highly qualified team of engineers specialized in the steel world. LABEA combines the experience of the founder, Mikel Mendiola, with over 25 years of experience in technical management positions in the steel world, with the enthusiasm and expertise of a young but very experienced team.

An exceptional human team using the latest technology in the market in an exclusive workshop for control and development of own products.

We find solutions to technical problems in the steel world, based on four basic premises:

- The safety of the people who produce steel
- Savings, especially energetic ones
- Efficiency of its processes
- Environmental care

Through the creation of completely new equipment or modernization of existing equipment (REVAMPINGS) Simple equipment, easy to use. Reliable equipment that do not require maintenance In short, equipment designed to suit customer needs.