



## WEST ALBORZ STEEL

### Company Profile:

WEST ALBORZ STEEL COMPANY was established in 2005 as the largest private company in I. R. IRAN dealing in steel making industry. The company is a state-of-the-art steel manufacturing facility that takes recycled metal and turns it into high-quality steel billets.

Plant facilities have come to include two sets of Induction Melting Furnaces, a Ladle Refining Furnace and a Continuous Casting plant with the latest automated features, equipped with wire feeding system.



Other auxiliaries include a Main Power Substation (63KV), Packing Press of 250 MT Capacity, Natural Gas Substation, Oxygen and Nitrogen Plant, Quality Control Center, Wet Analysis, Spectrometer and NDT Laboratories, Compressed Air and Maintenance Shops.

Today the plant with its offices occupies an area of 150,000 sq. meters, adjacent to which is a further 150,000 sq. meters plot reserved for future developments. The total employee-base of over 200 and the factory runs on a 3-shift system.

### Facilities

#### Induction Melting Furnace

At present WEST ALBORZ STEEL has two Electric Induction Furnaces of 20 MT capacity each. A LADLE REFINING FURNACE (LRF) of 25 MT capacity has been installed for the IMF in order to produce quality steel as well as to increase productivity.

#### Continuous Casting

The casting plant is equipped with a CONTINUOUS CASTING MACHINE of three strands with a total capacity of 500000 MT per year. Billets are cut to 3~6 meters by gas cutting equipment in each strand.

