

"PILOT NON-FERROUS CASTING PLANT" JSC

Novosibirsk

Owners:	One juridical person - 96%, two physical persons - 4%
Employees:	150 staff workers
Previous financing:	\$ 150,000, including own funds of \$ 150,000
Current financing:	\$ 80,000, including own funds of \$ 80,000
Volume of investment required:	\$ 1,273,000

Intended use of the investments required: Purchase of equipment - 30%, purchase of real estate - 50%, R&D - 20%

Company profile

The plant was founded in February, 2001, on the basis of the foundry production of JSC "Stroy mash". The plant owns all industrial equipment; the technological department and chemical laboratory were created. The total area of production facilities - 6000 sq.m. The connected electric capacity - 2,000 kW.

The cooperation with scientists of Russian Academy of Sciences and High School in Novosibirsk was established for the organization of the control of observance of technological process and introduction of the newest achievements in the field of foundry production. The plant team consists of highly skilled experts: engineers and other technical workers - 15%, workers of the supreme category - 35%.

Area and directions of activity

Non-ferrous metallurgy. Production of the rotating parts made of copper alloys using the Method of Centrifugal Casting for the stripping, mining, crushing and quarry equipment and the equipment of the heavy engineering industry. Production of parts made of non-ferrous alloys and pig iron using the Method of Investment Casting and the Method of Pressure Die Casting. Introduction of the newest technological processes.

Products/Services/Technologies

Bushes, rings, washers, etc. Made of copper alloys (bronze, brass) using the Method of Centrifugal Casting for the stripping, mining, crushing and quarry equipment (excavating machines, tractors) and the equipment of the heavy engineering industry (presses, etc.). Casting' limit sizes: 60 - 1200 mm of external diameter and length to 500 mm. Production of parts in accordance with the specific customer' requirements (alloys' chemical composition, technical and operating characteristics).

All products are made from raw material with certificate of quality. All castings have the Plant Certificate of Quality and the Chemical Analysis Protocols attached. The distinctive feature of the products - high quality parts with guaranteed characteristics.

Achievements

Certificates of degree and medals at international and regional industrial exhibitions and fairs:

- the Gold Medal at the Kuzbas Industrial Fair, 2001, Novokuznetsk
- the First Class Certificate of Degree at the Kuzbas Industrial Fair, 2001, Novokuznetsk
- the Certificate of Degree of the Kuzbas Chamber of Commerce and Industry "For Using of the Newest Technologies in the Production of Anti-Friction Alloys" at the "Expo-Coal", "Coal Mining" International Exhibition, 2001

The Plant was selected as the leading enterprise in the regional branch of the Foundry Association for development of new technologies in foundry.

Prospects of Development

To increase the Company market position up to 50% on the regional market of the products made of copper alloys using the Method of Centrifugal Casting. To enter the CIS market (Central Asia). To increase the share of the regional market of the cast shapes up to 20%. The development of the plant is planned to be achieved by starting mass production of new

science intensive products. The production technology is being brought to a commercial level. Introduction of the new technology - the Method of Pressure Die Casting.

Sales volume (over the last 12 months): \$ 1,100,000

year	Without investments requested	With the investments requested
2002	\$ 1,400,000	\$ 1,400,000
2003	\$ 1,800,000	\$ 2,800,000
2004	\$ 2,200,000	\$ 5,600,000
2005	\$ 2,600,000	\$ 8,000,000