

Pilkington Float Glass Plant

Moscow Region, Russia



Client

Pilkington Technology Management Limited (PTML)

Value

\$ 260 Million

Duration

2003 - 2006

Assignment

Construction Management
Zakazchik and Technadzor

Designers

Pilkington Technology Management Limited (Lead Designer)
Spectrum (Scheme Design)
Waterman (Structural Designer)



Pilkington Glass LLC a repeat Client of Bovis Lend Lease made a decision to build its greenfield plant in Russia which was to become one of the first facilities in Russia to produce European quality glass.

This time as before Pilkington Technology Management (PTML) chose Bovis Lend Lease (BLL) to support its project in Russia following the successful cooperation with BLL in Poland in 1995 and France in 2001.

The plant site is located to the southeast of Moscow. The total buildable area is over 70,000sq.m., 60,000 sq.m. of which occupied by the main production facilities and the estimated production capacity of 800 tones of glass per day. The project was carried out under construction management with BLL working as part of the PTML team on the procurement, planning and site supervision aspects while performing the statutory functions of Teknadzor and Technical Zakazchik.

The plant includes the following facilities: furnace, bath, lehr, stock room, water treatment plant, diesel storage, boiler house, gas production, lime & dolomite storage, railways, chimney, waste heat boiler and an office block. Among the project challenges were utility and railway connections which did not exist in the site proximity.

With the objective of a fast-track project delivery Construction Management was chosen as the best route to ensure highest quality, fastest project delivery and enhanced coordination between the process and civil parts of the projects.

The joint team procured and managed in total over 90 specialist contractors and suppliers which makes this project unique in comparison with the traditional procurement route in Russia.

