

Philip Morris Tobacco Plant, Krakow, Poland



Client

Philip Morris Polska S.A.

Value

€ 71million / £47 .3 million / US \$71 million

Schedule

May 1998 – December 2001

Assignment

Construction Manager

The Client's Project Manager

EEMA Engineering

Consulting Engineers

Tebodin, Consultants and Engineers /
Tebodin Poland Sp. z o.o. /
Projrzem-Gliwice SA



This project includes modernisation and expansion of the Philip Morris Polska Production Facility and has been divided into four elements – Master Plan 1, DIET, Master Plan 2 and Others.

Each of these elements represent new works and modification of the existing structures to enable the Client to install new production lines and achieve the optimum use of the existing infrastructure.

The works have to be carried out with full consideration of the environmental issues and without stopping the production process within the existing facility. Forward planning and liaison with the Factory Management is essential to the success of the project.

Bovis Lend Lease has been appointed CM for the Master Plan 1, DIET elements and Master Plan 2, with a 46-month project duration, and works include:

- Building G – Ground Floor
- Building F – Ground, First, Second, Third and Fourth Floors
- Building G2
- Building L1
- Building J2 (the DIET Plant)
- Demolition works in various areas
- Railway siding
- Site works including the re-routing of existing utilities and installation of new networks.

Master Plan 2 has included works to the following areas:

- Buildings G3 / G4 / F2A / F2B / E
- Refurbishment of building C (Basement and Ground Floor)
- Link bridge between G3-D and D-C
- J and V substations
- Demolition works to various areas
- Greenery
- Fencing
- External Telephone Network
- Close Circuit TV
- Building Management System
- Loading dock K1
- Roads and external utilities

The above buildings have been constructed at various times (since the 1930's) and have been built using various methods and materials. Hence each building will be reviewed and altered to suit the capability of the building and what production activity will be housed within that particular structure.

As part of the modernisation process, each of the affected, existing buildings will be brought up to current standards. Part of the programme will involve the construction of new buildings.

The cost of construction works has been modified several times due to the new refurbishment works requirements. As part of the strategy adopted by the Client to achieve the objectives, the Client assembled a project-specific team for the various aspects of the design, engineering and construction.