

DETAIL ENGINEERING - MICROELECTRONICS

Our design and engineering division has been awarded a perfect score from a strategic customer in the microelectronics industry. Project Summary – Routing design and space management. The goal of Meptagon's routing design team is to prepare all data in advance, as clearly as possible, for the construction teams. We enable out teams to operate more efficiently by removing any design conflicts ahead of time.

Our scope of work is as follows:

- 340 tools – Dry etch, Thin film, Diffusion areas
- Over 51,000 process lines
- Over 1,020,000 m of pipe lines Activities:
- Participating in design meetings and field walks with the client
- Routing design for piping systems, plans, elevations and 3D design
- Co-ordination with tool owners on specific design requirements
- Routing coordination together with electrical and ducting departments and evaluation of current site conditions
- To predict in advance all possible routing and design conflicts during the design stage regarding.
- Real-time support and resolution of conflicts arising during construction.

