Radio Pharma Plant

EPD engineering services and **ERGOLINE** undertook the complete MEP & Pharmaceutical installations engineering and design for a new radio pharma plant fully developed by **GE HEALTHCARE** for **PHARMAZAC SA.**

Based on the layout and specifications of **GE HEALTHCARE** our team of engineers undertook the detail engineering for:

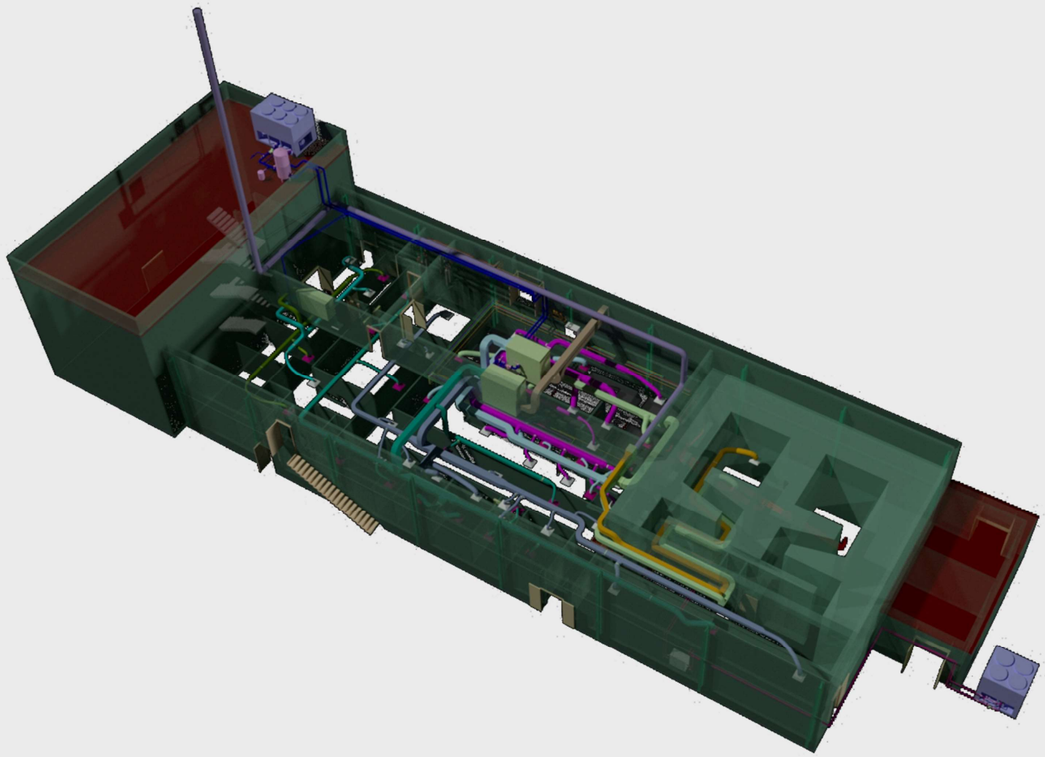
- Sanitary installations
- HVAC for office and production areas
- Clean room engineering and HVAC design
- Fire protection
- Electrical installation and MV power sub station
- Energy efficiency
- Medical gases and clean compressed air
- Water cooling

CHALLENGE

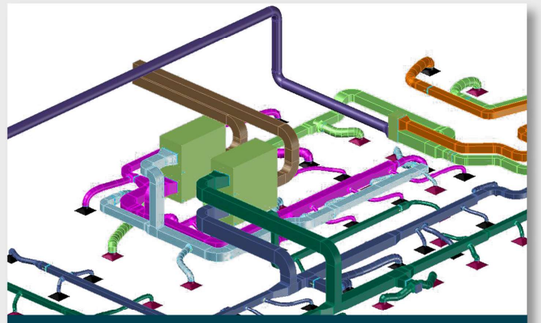
Having to deal with production processes in presence of radiation and radio isotopes, our design had to be implemented very carefully to maximum detail. This was succeeded by developing the whole project in a 3D environment incorporating BIM technologies throughout the design process.

DELIVERABLES & SERVICES

- Calculations
- 3D model
- Detail drawings
- Equipment sizing and selection
- Piping layouts
- Full piping, wiring and ducting schedules



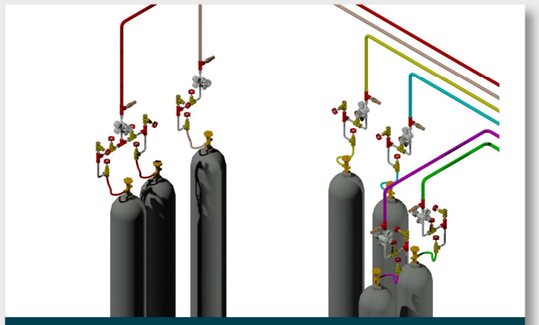
Vi.Pe. Lamia



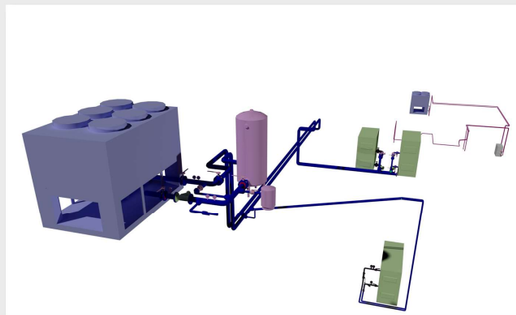
HVAC & Ducting



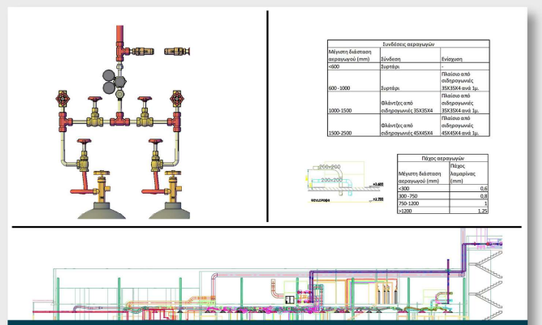
Electrical - MV Power Substation



Medical Gases & C.A.



Cyclotron Water Cooling Installation



Detail Design & Complete Piping, Wiring & Ducting Schedules

ERGOLINE

EPD engineering services