



**RAMBOLL**

## FACILITY DESIGN

**When designing facilities for our pharma clients, we focus on creating the best environment for the client's business, production and employees.**

### Holistic approach

We believe that a holistic and cross-disciplinary approach enables us to create pharmaceutical production facilities and laboratories that facilitate functionality and efficiency, while at the same time supporting employee well-being.

Designing facilities meeting GMP requirements we accommodate our clients being in compliance and achieve their business objectives.

We deliver integrated facility design solutions from conceptual brief and design development to follow up on site during construction and it is our architectural mission to secure that functionality, quality, safety and aesthetics always are incorporated.

### Areas of focus:

- Efficient area utilization and flexibility
- Flow and functionality
- Safety and good work environment
- Sustainable and future proof solutions

In order to provide our client reliable basis for sustainable decisions we focus on solid preliminary design studies.

Together with the client and end users we analyse process- and work flows developing the right layout and design solutions making use of 1:1 Mock-up testing and 3D animations.

### Our specialized key services:

- Programming and user involvement processing
- Conceptual design and design studies
- Basic and Detailed Design
- Human Factor Design and work environment
- GMP facilities and complex controlled environments
- Cleanrooms and containment facilities
- Laboratories and animal facilities

### Human Factor Design

The physical environment contributes most significant to the overall work environment and employee

wellbeing. By including the human factor as important design parameter, we know that efficiency, stability and safety are affected positively.

- Natural light and use of artificial light
- Acoustics – cleanable surfaces and acoustic regulation
- Air Quality - temperature and air exchange
- Visual connections, communication & cooperation
- Surroundings – e.g break areas, outdoor spaces and nature
- Aesthetics – spatiality, interior design, materials, colors, art and decoration
- Workwear clothing and personal protective equipment (PPE)
- Nudging – design regulating behaviour and supporting procedures

### CONTACT

Anette Heidi Sebök  
Head of Department  
Pharma Facility Design  
Tel +45 5161 8415  
[ahis@ramboll.dk](mailto:ahis@ramboll.dk)

