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GMP Webinar *Recording*
GMP-compliant Equipment Design

Speaker:
Markus Multhauf, Senior Consultant GMP-Engineering


Image: Chemingeering

ECA has entrusted
CONCEPT HEIDELBERG with the
organisation of this webinar.

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Background
Compared to systems for the food or semiconductor sector, systems for the manufacture of pharmaceuticals differ in their design, but especially in terms of project management and documentation. However, the current GMP regulations define the actual requirements for these systems or components only very vaguely. The correct interpretation of these requirements can help to avoid processing errors including delays and additional costs, though.

Based on the GMP requirements, this webinar will present technical solutions for the various applications. It will show how the vaguely defined requirements for the design of systems and components, which are used for the production of pharmaceuticals, have to be concretely understood. Significant innovations, e.g. with regard to conducting qualifications, will also be discussed.

Educational Objectives
As a participant of this webinar you will get insight into the current technological status and upcoming developments in engineering & construction of plants for pharmaceutical or biopharmaceutical applications.

- Current GMP regulations for plant construction
- Practical GMP-/FDA requirements for design of plants
  - Surfaces: microbiological & physical requirements
  - Open and closed process design
  - FDA compliant lubricants and sealing material
  - Construction materials: corrosion, certificates and clean room suitability
  - Cleanability of equipment and the avoidance of dead legs
  - Special requirements for automatization (CFR Part 11 and GAMP5)
  - Current changes to the qualification process

Target Audience
This webinar addresses staff in plant construction, planning (engineering service providers), production and technology in medicinal products and active ingredients manufacture as well as quality assurance staff dealing with GMP & FDA-compliant projects for the construction or conversion of systems.

Speaker

Markus Multhauf, Senior Consultant GMP-Engineering
Markus Multhauf studied process engineering. He worked for HOECHST and for plant construction companies like Waldner and Hager+Elsasser. At LSMW/M+W (now Exyte) he was design engineer for utility systems and project manager for 9 years. Then he was head engineering at Aeropharm (SANDOZ/Novartis). Since 2013 he is a freelancing engineer for pharmaceutical technology.

Fees (plus VAT)
Single participation: € 199.- for ECA Members
Single participation: € 249,- for non-ECA Members
(This fee does not include the ECA Membership. You will find more about the ECA Membership at
https://www.gmp-compliance.org/about-the-academy).

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Group Participation (fee per person):
3-10 Persons EUR 211,65
11-20 Persons EUR 186,75
more than 20 Persons EUR 161,85

Registration
By mail, fax, e-mail or online on the Internet at www.gmp-compliance.com. In order to avoid misunderstandings, please indicate the exact address and the full name of the participant. You will receive your access data by e-mail in due time prior to the event.

Technical Requirements
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Presentation/Certificate
The presentation will be made available to you prior to the Webinar as a PDF file. After the Webinar, we will automatically send you a certificate of participation.

Organisation/Contact
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Do you have any questions?
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Registration for the GMP Webinar *Recording* **"GMP-compliant Equipment Design" of 23 June 2020, Speaker: Markus Multhauf, Senior Consultant GMP-Engineering**
Please fax to CONCEPT HEIDELBERG, +49 (0)6221 / 84 44 34 or you register online at www.gmp-compliance.org.

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