ECA Academy
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GMP Webinar
GMP Requirements for Piping Systems

Date:
Tuesday, 26 May 2020, 14.00 – 15.30 h CEST

Speaker:
Markus Multhauf, Senior Consultant GMP-Engineering

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

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Background

Facilities in the pharmaceutical and biotechnological production are comprised to a large extent of pipelines. The costs for construction - but also for modifications - vary widely. The volume of requirements for these projects can vary widely as well - from a few sentences to more than thousand pages.
Many specifications are outdated or can only be understood "historically", e.g. the delta-ferrite specification according to the Basel Standard 2, or the requirements for pipe dimensions according to ISO 1127.
In many pharmaceutical companies, the central engineering department has been thinned out in recent years, so that some factory standards on pharmaceutical piping classes are outdated or no longer exist.
For suppliers and plant engineering companies without the necessary expertise it is difficult to distinguish important and correct customer requirements from incorrect specifications - which can lead to massive calculation and handling errors, including delays and additional costs. In quality assurance there are often time-consuming discussions as well.
And above all, the question is: what are the real GMP requirements for pharmaceutical piping?

Educational Objectives

As a participant of this webinar you will gain an insight into the state of the art and current developments in piping construction for pharmaceutical and biotechnological applications. A number of details will be presented, including

- Standards for pipes and components
- When is the 3D rule required, when the 1.5D rule?
- Insulation of pipes in the clean room
- Which material certificates are required and for what?
- In which cases can passivation be omitted?
- What should be taken into account when checking the welding?
- Is the definition of a maximum roughness of Ra 1.6µm for the weld reasonable?

Target Audience

This webinar aims at suppliers, plant construction and engineering companies as well as pharmaceutical users of piping systems but also quality assurance and persons responsible for the qualification of theses 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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You have colleagues who also want to participate in the webinar? Then register yourself and your colleagues as a GROUP! You can view the webinar either together (e.g. in a conference room, etc.) or also each individually on your own PC.

Group Participation (fee per person):
3-10 Persons EUR 211,15
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.

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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: "GMP Requirements for Piping Systems"
on Tuesday, 26 May 2020, 14.00 – 15.30 h
Speaker: DMarkus 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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Important: Deadline is 12 noon on 25 May 2020

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