# INVENSIS®
Global Learning Services

## Quality by Design Training - Brochure

Learn Quality by design best practices to achieve manufacturing excellence

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## Importance of Quality by Design

Implementing the Quality by Design (QbD) principles in manufacturing has resulted in reduced operating costs, highly efficient manufacturing processes and better positioning companies to meet increasing regulatory expectations. Participants attending this quality by Design course will learn how to prioritize process parameters for screening designs, design robust processes using statistical design of experiments (DoE), bridge the bench and the commercial design spaces using mixing and scale-up calculations, quantify process risk, select suitable process analytical technology tools (PAT) and more.

## Get Invensis Learning Advantage

- Expert trainer, interactive sessions with case studies
- A copy of MPOP training
- Classes across 108+ locations worldwide
- 8 PDUs certificate provided
- Instructor-led training that is always on schedule
- Global approval and accreditation

## Key Benefits of Quality by Design for Businesses

- It provides greater end-to-end control over production which results in improved predictability towards product safety and efficacy

- It provides better return on investment and results in higher cost savings.

- It streamlines the product lifecycle management and associated interactions with regulatory authorities, from initial product launch to discontinuation

- It provides a substantial foundation for continuous process improvement

- It provides a better understanding of the process

## About Invensis Learning

Invensis Learning is a leading certification training provider for individuals and enterprises globally. Our expertise in providing globally-recognized IT & Technical certification courses has enabled us to be one of the trusted certification training partners for many Fortune 500 organizations and Government institutions worldwide. Invensis Learning has trained and certified thousands of professionals across a wide range of categories such as IT Service Management, Quality by Design, Quality Management, IT Security and Governance, Cloud Computing, DevOps, Agile Quality by Design, and Digital Courses. Invensis Learning's certification training programs adhere to global standards such as PMI, TUV SUD, AXELOS, ISACA, DevOps Institute, EXIN, and PEOPLECERT.

## Target Audience for Quality by Design Training

Job roles that can ideally take up Quality by Design Course, but are not limited to:

- Distribution Manager
- Production Managers
- Engineering Team
- Technical Staff
- Quality Assurance
- Regulatory and Other Management positions who are directly or indirectly involved in manufacturing processes

## About Quality by Design Training Course

Quality by Design is a systematic approach to development that begins with predefined objectives and emphasizes understanding of the product and process, efficient process control, and quality risk management to improve the overall manufacturing quality. Professionals certified in Quality by Design course will learn how to prioritize process parameters for screening designs, design robust processes using statistical design of experiments (DoE), bridge the bench and the commercial design spaces using mixing and scale-up calculations, quantify process risk, select suitable process analytical technology tools (PAT) and more

# Quality by Design Course Overview

- Background and drivers for QbD
- QbD guidance review
- QbD development process and flow/logic
- Introduction and overview of QbD tools
- Risk management
- Design of Experiments (DoE)
- Design Space
- Control Strategies
- Current industry and regulatory landscape, and application challenges for QbD

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