The production of active pharmaceutical ingredients is subject to strict legal guidelines. Therefore, pharmaceutical manufacturers expect their suppliers to comply with similar high quality standards and check them regularly. This raises the question of how to meet these requirements.

Good Manufacturing Practice (GMP) is a proven quality assurance system that fulfills these requirements. GMP covers the entire manufacturing process and ensures a high and reproducible quality.

We provide our GMP consulting services for engineering and automation projects both in the construction of new plants and in the modification of existing plants in the pharmaceutical industry.

The path to conformity with GMP requirements and proof of suitability for the intended purpose already begins with the planning of a plant or a system.

With our offer we make a contribution to the:

- Reduction of effort to achieve and maintain GMP compliance
- Early detection of potential risks and errors
- Implementation of effective procedures for change and configuration management
- Increased cost efficiency through high time / deadline reliability and efficient planning
- Very good starting point for authority audits through consistent, reliable documentation in high quality

Interested? Contact us!
Siemens Engineering & Consulting team-ec.industry@siemens.com
Tel.: +49 (69) 797-84500

Your benefit
- Ensuring your competitiveness
- Ensuring quality across the entire value chain
- High quality standards through comprehensible, documented manufacturing process as basis for successful audits

Our service offer
- Workshop to determine the fields of action
- Assessment for the detailed determination of necessary measures
- Professional support of implementation
- Tailored implementation concept
- Coaching „on Site“ during the project phase
- GMP Training

Project examples
- Implementation of GMP in the chemical industry
- Implementation of GMP for Computer systems (GAMP 5)

Fig. 1 relevant fields of GMP for the production of medical products and active ingredients