

Content Request Form

Client: Powers of Automation (POA)	Team: TMS	Deliverable: Web Page Optimization
------------------------------------	-----------	------------------------------------

Production Details

Length:	500-750 words
SEO Keywords:	validation services (primary), pharmaceutical validations, medical device validation, medical devices validation, us validation services, HVAC qualification, equipment validation in pharmaceutical industry, validation testing in pharma, validation documentation, service validation and testing, pharmaceutical validation services
Call-to-Action (CTA):	https://poa-inc.com/contact/
Background/Notes	Optimization of existing page: https://poa-inc.com/validation-services/

Content Details

Title: Validation

Outline:

Introduction

- When it comes to validation services, you need an industry expert you can trust.
- For over fifteen years, POA has been a leader in validation services.
- Our experts provide professional services for pharmaceutical validation, medical device validation, biotech validation, and many other industries.
- The mission at POX is to ensure your operation is compliant with the FDA, GMP, ISO9001, and ISO13485 every single time.

Sources:

<https://poa-inc.com/validation-services/>

Subhead 1 - Understanding Process Validation

Please discuss process validation, the importance, stages, types, etc.

- Process validation is the collection and validation of data, from the process design stage throughout production, establishing scientific evidence that a process is able to consistently deliver quality products.
- It is commonly used in industries such as pharmaceutical validation and medical device validation.
- There are three main stages of process validation:

- Stage 1 - Process Design
 - This stage is when the commercial manufacturing process is defined
- Stage 2 - Process Qualification
 - The process design is evaluated and confirmed for meeting demands of reproducibility.
- Stage 3 - Continued Process Verification
 - There is ongoing assurance is conducted during routine production to ensure the process remains in control.
- Additionally there are four types of process validation
 - Prospective Validation/ Premarket Validation
 - Establishing evidence prior to the process implementation that a system does as it should based on pre planned protocols.
 - Retrospective Validation
 - Used for facilities, processes, and process controls in operation use that have experienced a formally documented validation process.
 - Concurrent Validation
 - Used for determining evidence that a facility and processes do as they say, based on the information generated from imputation of the process.
 - Revalidation
 - Repeating original validation and involves reviewing existing performance data.

Sources:

<https://www.getreskilled.com/validation/in-pharma/>

<https://www.thefdagroup.com/blog/process-validation-pharmaceutical-industry>

<https://kneat.com/article/the-four-types-of-process-validation/>

Subhead 2 - Validation Services From POA

- Discuss POA's Validation Services they offer
 - Include content on the [current page](#) beginning with the 2nd paragraph (Regardless...)

Sources:

<https://poa-inc.com/validation-services/>

Conclusion

- Summarize subheadings above.
- Incorporate CTA.