



SEVEN MORE WAYS WE DELIVER PERFORMANCE BEYOND THE PUMP.[®]

Our SIMQUAL quality control program codifies our decades-long dedication to ensuring every SIMFLO product meets specifications and surpasses performance expectations – fostering trust, confidence, brand reputation as an industry leader and exceptional customer loyalty. SIMQUAL is comprised of a meticulous seven-stage process. Each stage scrutinizes key project aspects. From raw materials to final assembly and shipping, SIMFLO leaves no detail unchecked.

1. PROJECT APPLICATION REVIEW
2. ENGINEERING & TECHNICAL (E&T) AUDIT
3. MANUFACTURING REVIEW & VERIFICATION (MR&R)
4. PERFORMANCE TESTING
5. ASSEMBLY TESTING
6. FINAL COATING PROCESS (FCP)
7. TRANSPORTATION PREPARATION

ONCE ALL SEVEN STEPS ARE VERIFIED,
A FINAL SIMQUAL STICKER IS ATTACHED
TO THE PUMP (SYSTEM) AND SIGNED,
CERTIFIED, DATED AND SENT ON ITS WAY!



7-STEP SIMQUAL[®] PROCESS EXPLAINED

1. Project Application Review:

Starting with a detailed review to confirm all requests align with project scope is critical. Our sales and engineering team work to carefully develop accurate quotes you can rely on for budgeting and approval.

2. Engineering and Technical (E&T) Audit:

Approved project application requests are given a pre-production audit to ensure that all products being developed meet the final submitted parameters before beginning production including MTRs verifications. SIMFLO designs customized pumps and specs for final system components. MTRs verification to meet project requirements.

3. Manufacturing Review and Verification (MR&V)

All designed and produced base piping and components are inspected for correct sizing, tolerances, or defects. Parts are then moved into final machining and finishing processes. Then each part is inspected a second time before moving on to testing.

4. Performance Testing:

All parts, both custom designed and manufactured, as well as sourced system parts are performance tested to ensure they meet E&T audit and approved project scope.

5. Assembly Testing:

Approved parts are combined for system assembly and are put through a series of physical and computer testing to match exact output and pressure specifications.

6. Final Coating Process (FCP):

Specific coatings to meet technical requirements like ASME are applied. Formulated coatings also provide added performance and longevity to the pumps through abatement of various environmental conditions.

7. Transportation Preparation:

Completed, tested and approved products/systems are weighed and properly fitted into appropriate custom-built packaging to ensure the final product is shipped safely, securely and ready for installation.

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