

WHY ECVS

- *A targeted professional company that provides its customers with personalized service with accountability.*
- *Questions that need immediate attention get answered by experts on-site instead of by inexperienced junior personnel.*
- *Our Validation Specialists & Engineers have at least 15 years experience in your business, having held positions in the jobs where you need assistance.*
- *We have developed unique partnerships with several highly qualified Quality, Validation & Process Engineering companies, so we can provide our customers with a complete solution for their project if our resources lack the experience needed.*
- *If you succeed, we succeed. We enjoy what we do and we do it well because we've worked together as a team on important projects like yours.*



CONTACT ECVS



Do you have questions or want a proposal?

Contact Us At:

ECVS, Inc.
9420 E. Golf Links, Suite #137
Tucson, Arizona 85730

Phone: (520) 647-3874
Or
(520) 820-1601

Email: info@ecvs-ins.com



ECVS INC.
ENGINEERING
CONSULTING &
VALIDATION SERVICES



Providing Light to Guide
Our Clients

ABOUT ECVS

ECVS was established in 1999 to provide its customers with a cost effective validation and engineering services solution. We are based in Tucson, AZ. and provide services to clients throughout North America and Europe.

ASSOCIATES

Greg Lynch

Project Leader / Sr. Engineer

Beth Lynch

Validation Engineer / Project Leader

Ray Beery

Sr. Validation Specialist

Marty Amorin

Sr. Validation Engineer

Leonard Sloan

Sr. Process Specialist / Project Leader

Robert Borghese

Sr. Quality and Compliance Specialist

Kristy Adams

Method & Lab Equipment Validation

Sam Bledsoe

Sr. Quality & Validation Specialist

Jessie Leon

Sr. Quality & Validation Specialist

Mike Kaufer

Quality Assurance & Compliance Specialist

Jose Amorin III

Sr. Laboratory, QA & Regulatory Specialist

OUR SERVICES

*We have an integrated approach to your projects
— from small to large*

Engineering

- Design Review & Facility / Facility Master Plans
- Process Flow Diagrams & AutoCAD Drawings
- Project Management & Scheduling
- Start-up, Commissioning and FAT/SAT Support
- Process Optimization, DOE & Scale-up



Validation & Quality

- Planning: Validation Master Plans & Policy
- Protocol Generation & Execution (Facility, Utilities, BMS, Equipment, Process, Cleaning, Packaging, Computer/software) of Installation, Operation, and Performance Qualifications, and Process Validation
- Sterilization and Lyophilization Cycle Development, Optimization, and Validation
- Development of Standard Operating Procedures (SOPs)
- Quality System Analysis – FMEA & Gap Analysis
- cGMP & supplier or contract manufacturer audits

AREAS OF EXPERTISE

Pharm & BioTech

- ⇒ Aseptic Filling and Compounding
- ⇒ Fermentation & Purification Systems
- ⇒ Equipment Cleaning & Component Prep.
- ⇒ HVAC & Cleanrooms (Class M3.5/5.5/6.5)
- ⇒ BSL-2 & 3 Facility Design & Validation
- ⇒ Lyophilization & Drying
- ⇒ Utilities: WFI & Pure Steam
- ⇒ Cell Banks & Incubators
- ⇒ Isolators (Seed, BSL-2/3, and Sterile)
- ⇒ Sterilizers & Depyrogenation Ovens

API & OTC & Med. Devices

- ⇒ Compounding/Synthesis & Mixing
- ⇒ Packaging Systems
- ⇒ Chromatography / Lab Equipment
- ⇒ Process Capability & Quality Control Analysis
- ⇒ Spray-dryers & agglomeration systems
- ⇒ SCADA & PLCs

AFFLIATE COMPANIES

- QVS, Inc. (validation/microbiology)
- Water Dynamics Co. (utility systems)
- MKCS, Inc. (controls)
- CERTS (air balance/testing)
- A&G (calibration/metrology)