

Products in our Safety, Quality & Maintenance product line include:

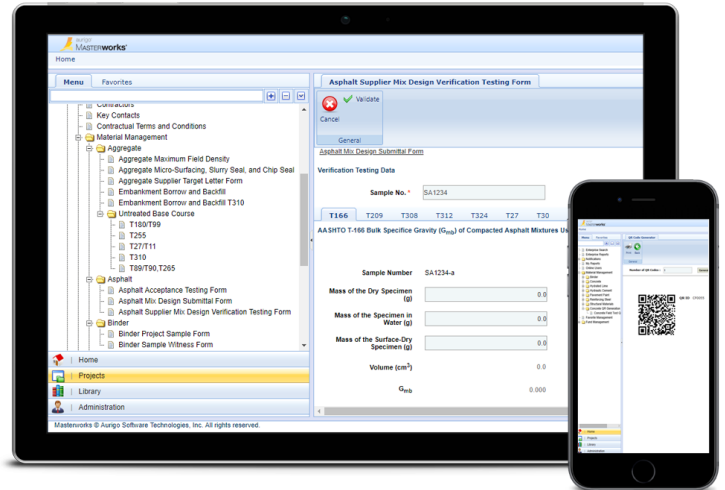


- ▶ Materials Specification & Testing
- Lab Management
- Capital Asset & Facilities Maintenance
- Construction Safety & Compliance

Ensure quality materials are used at every stage of every project

Building high-quality infrastructure is impossible without high-quality materials. Inferior materials have far-reaching, expensive consequences: material replacement, deterioration, structure failure, and most importantly, threats to public safety.

So how do you verify that your soil, concrete, masonry, asphalt, steel, paint, gravel and aggregates comply with specifications from state highway departments, FAA, FHWA, AASHTO and/or ASTM? Aurigo's Materials Specification & Testing product helps you keep projects on schedule with configurable and specific materials specifications and built-in validations to ensure that your materials are up to par. Our solution provides everything you need to analyze and report across laboratory results for materials samples collected both on and off the construction site, as well as automated workflows for downstream reviews, approvals, distributions and billing. Additionally, complete audit trails guarantee that any issue along the way can be easily pinpointed so that it can be remedied or resolved.



Aurigo's online Materials Specification & Testing product includes:

- ✓ Materials Specifications & Standards:**
 - Full AASHTO standards
 - Federal, state and local materials specifications
 - Binder, cement, hydrated lime, pavement paint, asphalt, concrete and aggregate specifications and tests
 - Ability to add any additional materials tests needed
- ✓ Materials & Tests System of Record:**
 - Full materials testing history
 - Full test history for every project
 - Supplier details
 - Audit trails
- ✓ Technician Certification Management:**
 - Technician details
 - Certification history
 - Certification enforcement rules
- ✓ Product/Materials Inventory:**
 - Product library
 - Hierarchical structures
- ✓ Supplier Management:**
 - Supplier details
 - Supplier materials qualifications
- ✓ GIS/ESRI Integration:**
 - Land maps
 - Site maps
 - Show attributes and data
 - Show material locations
 - See physical features
- ✓ Materials Testing Process:**
 - QR code generator
 - Barcode scanning
 - On-site sampling and testing
 - Off-site sampling and testing
 - Materials tracking
 - Allotted result ranges
 - Testing workflows
 - Random sample generator
 - Material requalification
 - Automated routing
 - Outlier notifications & alerts
 - Approval workflows
 - Payment approvals
- ✓ Mobile Forms & Access:**
 - Mobile on-site sample collection forms
 - Mobile field test forms and data capture
 - QR code scanning
- ✓ Document Management:**
 - Templates and document generation
 - Centralized document repository
 - Detailed test results
 - Submittals and transmittal verifications
- ✓ Reports & Graphs:**
 - Online reports
 - Dashboards
 - Proctor graphs
 - Roller Pattern graphs (moisture content vs. dry sensitivity)
 - Logarithmic charts
 - Embankment reports
 - Free draining granular backfill report
 - Base and surface report
 - + more

“Aurigo Masterworks helps us track and manage every detail of our construction projects in one place. Everyone involved in building, testing, managing, and overseeing our projects can now access the data and documents they need from wherever they are.”


– TIM PRATT | CEIS Manager, City of Lincoln



BENEFITS


Aurigo’s online Materials Specification & Testing product helps materials divisions keep projects on schedule and ensure materials meet all quality standards with a centralized solution that works seamlessly with our Full Lifecycle Construction Management product line.

- **Ensure sample test results fall within allotted parameters**, such as water percentage, specific gravity, density, dry weight, before-wash weight, mass retained, etc.
- **Gain efficiency and reduce errors** with test forms that validate user-inputted values and automatically perform calculations.
- **Ensure every test follows AASHTO standards** with out-of-the-box tests for material:
 - Binder
 - Cement
 - Hydrated lime
 - Pavement paint
 - Asphalt
 - Concrete
 - Aggregate
- **Easily support new tests or new materials** during or after implementation using our Configuration Toolkit.
- **Enable collaboration across dispersed teams** and give everyone full visibility into the status of each test.
- **Verify the chain of custody** for every sample with Masterworks’ QR code generator, which creates, prints and tracks barcodes that can be scanned by mobile devices. This bag-and-tag process captures all sample information, as well as the names of everyone who prints and scans barcodes over time.
- **Standardize all test and approval processes** with configurable approval workflows and notifications.
- **Maintain accountability** by specifying exactly who is responsible for each stage of samples acquisition, labeling and tracking, testing, comparing test results, and tracking with our granular access controls and configurable workflow rules.
- **Proactively manage certifications** of material suppliers and lab technicians to ensure compliance.



Aurigo's online Capital Planning product is part of the broader Aurigo Masterworks Cloud suite. Aurigo helps cities, counties, states, agencies and businesses plan, build and maintain their capital programs, infrastructure and facilities.

PLAN Capital Planning & Portfolio Management <i>Prioritize, plan and track all of your major infrastructure and capital investments in one place.</i>	BUILD Full Lifecycle Construction Management <i>Manage every phase, contractor, placeholder and inspection for each capital and infrastructure project.</i>	MAINTAIN Safety, Quality & Maintenance <i>Ensure new projects meet quality levels and your existing assets are properly maintained.</i>	OPERATE Business Operations <i>Run the day-to-day business of permitting, advertising, leasing and claims in a modern system.</i>
<ul style="list-style-type: none"> > Capital Planning > Capital Project Management > Federal Aid Reimbursements 	<ul style="list-style-type: none"> > Estimation & Bidding > Consultant Service Contracting > Right of Way > Contract Management > Construction Project Management > Civil Rights & Labor Management 	<ul style="list-style-type: none"> > Materials Specification & Testing > Lab Management > Capital Asset & Facility Maintenance > Safety & Compliance 	<ul style="list-style-type: none"> > Real Property Management > Permitting > Advertising > Claims Management

Masterworks Cloud Platform 

The Aurigo Masterworks Cloud suite of products is built on the Masterworks Cloud Platform – an enterprise-proven platform that gives you the scalability, performance, security and reliability your teams need, and your IT organization will appreciate.