

VERICORD MTR VALIDATION

Code-Faithful MTR Review, Every Time

Upload a mill test report. In 30 seconds to 3 minutes, get a line-item compliance report traced to the governing code section and ready for audit.

1. THE MODEL READS; IT NEVER RULES

What it is: AI reads the values on your MTR. Every pass or fail is made by deterministic rules built by materials SMEs from the code books.

Why it matters: AI tools fail by sounding confident and being wrong. Keeping AI out of the decision keeps that failure out of your quality record.

Vericord: The same extracted values always produce the same verdict.

2. THE REQUIREMENTS LIBRARY IS THE PRODUCT

What it is: A hand-built requirements library transcribed from the code books and verified by materials SMEs.

Why it matters: Tools that make you enter spec values turn your own data entry into the weakest link.

Vericord: Every value comes from the printed code, in the code's own units, never converted or recalculated, so borderline results match the book.

3. EVERY LINE ITEM, CITED

Each value shows what the MTR reports, what the code requires, the governing section and footnotes, the status,

and a written reason.

- One failing value fails the MTR. No failure hides inside a passing cert.
- Chemical composition, mechanical properties, and heat treatment
- Mechanical values shown in dual units

4. UNCERTAIN READS NEVER BECOME VERDICTS

- Low-confidence values are surfaced for your review.
- Corrections re-validate instantly and are logged with old value, new value, user, and time.
- In-scope requirements not machine-validated are listed in an Exception Report for your manual verification.

5. THE REPORT IS THE AUDIT TRAIL

- Saved records are locked, with the original MTR preserved alongside the results.
- Change log and field-level audit log on every report
- Multi-party electronic sign-off, internal or external, in order or in parallel
- Catches reported values that do not meet code before nonconforming material enters your supply chain.

6. CODE COVERAGE

Codes	ASME BPVC Section II, Part A (ferrous) and Part B (nonferrous), the ASTM specifications ASME adopts, and widely used ASTM specifications outside the ASME book
Product forms	Sheet, plate, strip, bar, tube, pipe
Validated	Chemical composition, mechanical properties, heat treatment
Not validated	Filler metals; supplementary requirements
Roadmap	Specialty shapes, fasteners, forging and fitting specifications

Every in-scope requirement is either machine-validated or listed in the Exception Report for mandatory manual verification. Nothing is silently skipped.

7. BUILT FOR QUALITY TEAMS

- Project Folders with View and Edit sharing
- Admin, User, and Viewer roles; organization-wide two-factor authentication
- Reports dashboard: compliance breakdown, top failing fields, spec and grade matrix
- Search by heat, lot, grade, or code section

8. YOUR MTRS STAY YOURS

Are our MTRs used to train AI models?

- ✘ **Vericord: Never, by Vericord or its AI providers**

Is Vericord covered by a SOC 2 report?

- ✔ **Vericord: Yes, available under NDA**

Is our data encrypted?

- ✔ **Vericord: AES-256 at rest, TLS 1.2 or 1.3 in transit**

Where is our data stored?

- ✔ **Vericord: In the United States only**

9. SIMPLE PRICING

MTR scan, up to 3 pages	\$25.00
Each additional page	\$2.00
Viewer with folder access	\$12.00 per month
Failed scan	No charge

Prepaid wallet with optional Auto-Recharge. No subscription and no setup fee.

10. WHERE IT PAYS OFF

Capacity: about 20 to 45 minutes saved per MTR. At 100 MTRs a week, that is 144 to 325 hours a month returned to your team.*

Cost: where engineers or senior QA review MTRs, Vericord saves up to \$30.79 per MTR, about 50%.*

**Modeled example, not a guarantee. Assumes 30–50 minutes for manual review and 5–10 minutes for review with Vericord (Vericord assumptions); engineer cost of \$74.39 per hour loaded, from BLS median wage data (May 2024) and BLS employer compensation costs. Savings depend on MTR length, reviewer, and workflow.*

MTR Validation is a decision-support tool. Verify results before any acceptance or safety decision.

The Vericord Promise: The model reads; it never rules.

Request a demo: sales@vericord.co • 281.944.7420 • www.vericord.co

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