



شركة الاتحاد الحديد والصلب
UNION IRON & STEEL CO. LLC
MADE IN UAE

UNION IRON AND STEEL COMPANY L.L.C.

Product Traceability

1 Product Traceability is the ability to track and trace the history, application, and location of a product throughout its supply chain, production, and distribution stages. It involves recording and maintaining information that connects raw materials, intermediate processes, and final products, thereby ensuring transparency and accountability at every step.

Key aspects of product traceability include:

- Upstream traceability – identifying the source of raw materials and components.
- Internal traceability – tracking how materials are processed, transformed, or assembled within the organization.
- Downstream traceability – monitoring how finished products are distributed, delivered, and used in the market.

Benefits of effective product traceability:

- Quick identification and isolation of defective or nonconforming products.
- Compliance with legal, industry, and customer requirements.
- Improved quality control and continuous process enhancement.
- Increased customer confidence and stronger brand reputation.

At Union Iron & Steel, we implement a meticulous traceability system by assigning a unique heat number to each product, accompanied by a Material Test Certificate (MTC) upon dispatch to the customer. This approach ensures full traceability to the complete production history.

To further enhance traceability, Union Iron & Steel has adopted QR code verification technology from CARES Cloud, a reputable UK certification authority specializing in reinforcing steels. This ensures fast, seamless, and reliable traceability of our rebar products.

As part of our commitment to digital assurance, Union Iron & Steel is among one of the manufacturers to automatically upload product test data using a dedicated Application Programming Interface (API). Customers can conveniently access comprehensive product details through the CARES Dynamic QR Code, which links directly to our uploaded test data on the CARES Cloud.

By scanning the dynamic QR code, customers gain instant access to:

- Verified mechanical properties of Union Iron & Steel CARES-certified products.
- Valuable insights into their sustainability performance.

This secure digital record consistently captures contemporaneous information, ensuring full product traceability and customer assurance at every stage.