

ISO vs. CE Certification: How Openex Prioritizes Quality in Metal Fabrication



BS OSHAS



ISO



API



ASME



LR

Xiamen, Fujian Dec 15, 2025 (Issuewire.com) - Quality is not just a buzzword in the global manufacturing industry. It's a foundation for a company's success and its reputation. Navigating the world of international standards can be a challenge for **Professional Metal Fabrication Manufacturer**. Today's customers demand proof that the products they buy meet strict requirements for safety and durability. It is important to understand the difference between ISO and CE certifications. Both are strong indicators of quality but they have different purposes. One certifies a company's process, while the other marks a product's compliance. Openex, a leading global fabrication company, has become a market leader by understanding and applying these standards with rigor.

The Global Mandate for Quality in Metal Fabrication

In an age of global supply chains that are complex, the customer's confidence is not built solely on a company's words. The trust is built on the verifiable endorsement by a third party of their products and

capabilities. In the metal fabrication sector, **ISO** as well as **CE** are two of the most important and recognized forms of endorsement. They are often referred to in the same sentence, but they are two distinct aspects of quality control.

ISO (International Organization for Standardization) is a global organization that develops standards for products and services to ensure they are reliable, safe and of high quality. **ISO 9001** is the most relevant standard for manufacturers, as it focuses on quality systems. ISO 9001 certification signifies that a company's processes are structured and documented, from the customer inquiry to material procurement, production, quality control and delivery. This is a certification for the *Process* and a testament to an organization's commitment to continual improvement. This means that a large fabrication company will have standardized procedures in welding, testing, and machining. This ensures consistency throughout all projects. This certification provides international clients with the assurance that a manufacturer's operations are repeatable, robust, and designed to minimise errors.

(Conformite Europeenne), on the other hand is a product-specific mark that indicates conformity to health, safety and environmental protection standards. is used for products sold in the European Economic Area. The CE mark is required by law for metal fabrications and structural steel components. This is not a voluntary mark of quality, but rather a declaration from the manufacturer that their product complies with all EU directives. The product has been assessed for conformity and is now safe to be placed on the market. The CE mark confirms the safety of a part for its intended use. It covers everything from the material quality, to the load-bearing capability and weld integrity.

These two certifications provide a dual guarantee to customers: An ISO certification ensures that an organization's management processes are of the highest quality, while a CE certification confirms that the product's final safety and compliance with local regulations is guaranteed. The dual approach to quality that separates the good from the great manufacturers is based on a foundation of mutual trust.

Openex's blueprint for excellence: Reliable Metal Fabrication Services

Openex's business model is built around providing **Metal Fabrication Services** which meet and exceed the customer's expectations. Openex is more than just a supplier of parts. It's a full-service contract manufacturer that offers a one-stop shop. The key to Openex's quality control is their integrated approach. Openex is able to eliminate the risk of miscommunication and quality degradation that can occur when multiple vendors get involved.

Openex has a commitment to quality that is deeply ingrained in its DNA. This is backed up by a wide range of modern facilities. The company has approximately 1,000 advanced machines, which allows it to handle large industrial components.

Advanced Forming and Machining: This company's precision machine capabilities enable it to create large custom parts with tight tolerances. The company's enhanced plate rolling department can roll plates up 5,000mm in width and 200mm in thickness, while its press braking machine can handle parts as thick as 100mm. It is vital for the production of heavy-duty parts required by demanding industries.

Cutting & Welding Expertise: Openex uses a variety of cutting technologies including waterjet, laser, Plasma, and robotic contour-beveling to ensure materials are processed precisely. The welding department at Openex is equipped with the latest equipment and has experienced personnel. This knowledge is essential for producing strong, durable welds, which are crucial for structural integrity.

Quality Assurance: Openex's quality assurance team follows a strict protocol in order to ensure that every product meets specifications. The inspections are followed by material testing and non-destructive tests (NDTs) to ensure the integrity of materials and welds. This internal system is designed in a way that aligns with international standards and, often exceeds them. Clients can be confident that the final product will perform according to expectations.

Success stories and diverse applications

Openex is a trusted global partner because of its ability to deliver reliable and certified **metal fabric** services. They are working on a massive scale in some of the most critical industries around the world.

Mining & Construction: The heavy equipment industry relies on Openex to fabricate massive components such as excavator booms and frames. One recent project involved the fabrication and machining of a large series of excavator body components for a global manufacturer. The components were required to withstand harsh operating conditions and extreme stress. Openex was able to guarantee strict dimensional accuracy, robust welding integrity and a successful project.

Oil & Gas Openex supplies essential components to the energy sector for drilling rigs and offshore platforms. They also provide refinery equipment. Openex successfully manufactured complex pressure vessel sections and pipe spools for an international oil company. The strict adherence to material specifications and welding techniques was essential for safety and performance within corrosive and high-pressure environments.

Wind Power: With the shift to renewable energy in the world, Openex is a key partner for the wind power industry. Openex produces large-scale components for turbines, such as tower sections and nacelle frame. For a major wind-turbine manufacturer, a project involved the fabrication of intricate steel frames. This required exceptional welding quality as well as strict adherence structural standards in order to ensure the safety and longevity of the turbine.

Shipbuilding and Marine : Openex produces and machines large hull segments and other specialized structures for the marine industry. Openex's expertise in large-scale manufacturing and commitment to high quality enabled them to complete an important project for a shipyard. They provided oversized shipblocks that met strict maritime safety and performance requirements.

Openex's model of business is in essence perfectly aligned with the global trend towards certified excellence. Openex's business model is a perfect fit with the global shift towards certified excellence.

To learn more about their capabilities and services, visit Openex's official website:

<https://www.cncmetalworking.com/>



Media Contact

Openex

*****@openex.com.cn

+86 186 5928 0806

No. 99 Yilan Rd., Xiamen , CN.

Source : Openex

[See on IssueWire](#)