How Junnan Evolves as a China Professional Prefabricated Metal Buildings Factory with ISO 9001

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Quality Management System Certificate

Certificate Number:00225Q22549R2S

CQM hereby certifies that

Tangshan Junnan Trade Co., Ltd.

Unified Social Credit Identifier: 91130293320125187P
Domicile:Room 1303-2, High-Tech Headquarters Building, No.101, North Jianshe Road, Tangshan High-tech Industrial Zone, P.R.China
Certification Add.:Room 1303-2, High-Tech Headquarters Building, No.101, North Jianshe Road, Tangshan High-tech Industrial Zone, Tangshan City, Hebei, P.R.China
the management system conform to
GB/T 19001-2016/ISO 9001:2015

This certificate is valid to the following scope:

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AA 0162472

Tangshan, Hebei May 24, 2026 (Issuewire.com) - The global construction industry is currently navigating a significant shift toward off-site manufacturing and high-precision prefabricated solutions to meet the growing demand for sustainable, cost-effective infrastructure. Amidst this rapid industrial transformation, the role of standardized quality control has emerged as the primary differentiator for international procurement and long-term asset reliability. Stakeholders now prioritize manufacturers who demonstrate not only raw production capacity but also a sophisticated alignment with global safety and structural integrity benchmarks. This systemic maturity allows factories to navigate the complexities of cross-border engineering while maintaining strict budget adherence and local regulatory compliance. In this context, Tangshan Junnan Trade Co., Ltd has demonstrated a notable evolution in its operational philosophy. By integrating the rigorous ISO 9001 quality management framework, the company has transformed from an experience-based workshop into a China Professional Prefabricated Metal Buildings Factory. This transition represents more than just a certification; it reflects a fundamental change in how industrial chain optimization is managed within the steel structure building sector.

From Experience Management to Systemic Evolution

The adoption of the ISO 9001:2015 standard marks a definitive cornerstone in the three-decade history of Junnan. In the traditional steel fabrication sector, quality was often dependent on the individual skill levels of veteran craftsmen, leading to potential inconsistencies in large-scale outputs. However, this international benchmark emphasizes a "process approach" combined with "risk-based thinking," which forces an organizational shift toward objective, data-driven management. For a manufacturer currently producing 150,000 tons annually, moving away from subjective or intuition-driven management is an absolute necessity for maintaining global competitiveness.

The establishment of a documented Quality Management System (QMS) ensures that every phase—from initial structural consulting and design engineers' drafting to final site delivery—remains fully traceable and subject to continuous improvement protocols. This certification serves as a critical turning point for **Junnan**. It effectively upgrades the manufacturing DNA of the enterprise by replacing older, fragmented decision-making processes with standardized, repeatable protocols. Consequently, management consistency increases across the diverse portfolio of workshops, multi-story warehouses, and specialized airplane hangars. This systemic foundation ensures that technical expertise is not just held by a few individuals but is replicated across every project the company undertakes.

Reshaping Manufacturing DNA Through Implementation

The impact of systemic management begins long before the first piece of steel is cut. Junnan integrates ISO standards directly into advanced software workflows, utilizing industry-leading tools like Tekla and 3D3S. This technical integration ensures that every engineering drawing meets strict Design for Manufacturing (DFM) requirements. By identifying potential structural clashes or fabrication hurdles during the modeling phase, the team significantly reduces the risk of expensive late-stage modifications or structural misalignments during the onsite installation phase. This proactive design philosophy is a hallmark of a professionalized factory environment.

On the production floor, the ISO framework quantifies quality metrics into actionable data points. The process starts with the verification of Material Test Certificates (MTC) for all raw steel components to

ensure chemical and mechanical properties align with project specifications. Junnan operates nine professional production lines equipped with domestic advanced equipment designed for high-volume, high-precision output. These lines facilitate CNC cutting with a precision tolerance of ±0.1mm, a level of accuracy that traditional methods cannot consistently match.

Furthermore, high-standard welding processes at Junnan undergo rigorous Non-Destructive Testing (NDT) at designated quality control stations. By employing ultrasonic or radiographic testing, the facility ensures that the internal integrity of a weld is as sound as its surface appearance. This comprehensive inspection chain replaces traditional "result-based" checks with "process-based" assurance. It ensures that quality is built into the product at every station rather than just verified at the end of the line, minimizing waste and maximizing safety.

Shifting from Cost Advantage to Trust Premium

The implementation of a disciplined QMS generates tangible economic value that extends far beyond the initial purchase price. By utilizing Corrective and Preventive Actions (CAPA), Junnan effectively reduces the hidden costs associated with onsite reworks, shipping errors, and technical disputes. In the world of industrial construction, a single day of delay can cost thousands of dollars in lost productivity. This systemic efficiency directly improves the Return on Investment (ROI) for global developers who require predictable delivery timelines and structural durability.

International markets, particularly in highly regulated regions such as Europe, Australia, and the Middle East, utilize ISO 9001 as a common language for compliance. The certification helps Junnan projects pass local building inspections and third-party regulatory reviews with greater ease. In high-capital industries, such reliability acts as a visual and functional symbol of stability. It allows the brand to move beyond simple price-based competition—which often leads to compromised quality—and establish long-term strategic partnerships based on technical competence. Clients are willing to pay a "trust premium" when they know the supplier adheres to a globally recognized standard of excellence.

Case Evidence: Supporting Complex Deliveries

Technical capability is most visible in large-scale, high-complexity steel building projects, such as industrial plants with clear spans exceeding 30 meters or structures designed for high-seismic zones. These structures require strict adherence to Welding Procedure Specifications (WPS) and Procedure Qualification Records (PQR). Systemic load testing and material fatigue analysis at the factory ensure structural integrity under extreme environmental conditions, validating the "Professional" status of the facility.

Global adaptability is another direct result of this systemic evolution. Junnan aligns QMS standards with various international building codes, including the Eurocode (EN) and AISC standards. This flexibility allows for seamless project execution across different geographical and regulatory environments. Whether the project involves a tropical greenhouse requiring specialized corrosion resistance or a heavy industrial garage in a sub-zero climate, the factory's ability to adapt its manufacturing parameters to specific regional codes remains a core competitive advantage. This versatility has allowed the company to cover 118 countries and regions, proving that a standardized system is the best tool for managing global diversity.

Conclusion

As construction requirements become more complex and environmental regulations tighten, the

commitment to standardized excellence remains the primary driver of growth. This systemic approach ensures that quality remains consistent, regardless of project scale or geographical location. By prioritizing the ISO 9001 framework, the factory has created a scalable model that balances the speed of prefabrication with the precision of high-end engineering.

For more information regarding prefabricated building solutions, one-stop industrial chain optimization, and professional steel structure building, please visit the official website: https://www.junnansteelstructure.com/

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