AP Precision Metals Inc. Becomes Leading Aluminum Busbar Manufacturer for North America's Top Inverter Companies

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AP Precision Metals, Inc. has announced that it now supplies aluminum busbar components to one of the largest inverter manufacturers in North America. These aluminum busbars are crucial parts of the inverters, which are central to many Green New Deal projects focused on promoting renewable energy and sustainability across the continent.

With over 20 years of experience in metal fabrication, AP Precision Metals stands out as a notable aluminium busbar manufacturer. The company is recognized for its integrated manufacturing processes that allow high-volume production without sacrificing quality. This new partnership marks a significant step in advancing sustainable energy technologies essential for the success of the Green New Deal.

Joe, a representative of AP Precision Metals, expressed the company's enthusiasm about the collaboration. "We are thrilled to provide the critical aluminum busbar components for such an influential partner in the renewable energy sector. Our commitment to quality and precision ensures that we consistently meet the high standards required for these essential components."

AP Precision Metals has perfected the production of aluminum busbars using advanced 6063-T52 aluminum alloy. This material was chosen for its high tensile strength and resistance to corrosion, making it ideal for demanding applications. The company's 40,000 square-foot facility in San Diego processes more than 75,000 lbs of aluminum busbar each month, using state-of-the-art fiber laser technology for precise and efficient production.

In 2023, AP Precision Metals enlarged its network of plating suppliers to boost their finishing capacity. This ensures that the aluminum busbars meet the rigorous standards of durability and performance required in renewable energy systems. This expansion not only improves their production capabilities but also aligns them with the growing market demand for efficient and cost-effective solutions.

As one of the leading aluminium busbar manufacturers in ca, AP Precision Metals provides a wide range of services beyond busbar production. These services include metal fabrication, cutting, welding, painting and finishing, assembly and kitting, OEM supply, and quality assurance. Their comprehensive offerings make them a versatile partner capable of meeting various industrial needs.

According to Joe, "Our comprehensive approach, from fabrication to finishing, ensures that we can deliver complete, high-quality solutions to our clients. This versatility is key to our ability to support significant projects like those under the Green New Deal."

AP Precision Metals has long-term relationships with trusted suppliers in their region. They follow strict quality standards and Lean manufacturing principles, enabling rapid production cycles while maintaining high quality and reliability. Their commitment to quality is further highlighted by their adherence to ISO 9001:2015 certification standards, which assure consistent and repeatable manufacturing processes.

The partnership with the inverter manufacturer emphasizes the role of reliable and efficient component supply in the renewable energy sector. Aluminum busbars, chosen for their lightweight, cost-effectiveness, and adequate conductivity, are vital for the performance and dependability of inverters used in various green energy applications.

The company also compared aluminum to other materials, such as copper, highlighting aluminum's advantages. Aluminum's recyclability and lighter weight make it a growing choice in the industry, reflecting a broader trend toward sustainable and eco-friendly manufacturing practices.

As AP Precision Metals continues to supply high-quality aluminum busbars to support renewable energy projects, it solidifies its position as a key player in advancing sustainable technologies. For more information on their aluminum busbar capabilities, visit aluminium busbar manufacturer.

To explore their wide range of services, including fabrication, cutting, welding, and more, potential clients can visit the aluminum busbar page. For details on their contract manufacturing capabilities, the aluminium busbar manufacturers in ca page offers comprehensive insights into their service offerings and manufacturing standards.

As the demand for renewable energy solutions grows, AP Precision Metals remains committed to providing the essential components that make these technologies possible. The company's proactive steps to enhance their production capabilities and maintain strict quality standards ensure they are well-prepared to meet the evolving needs of this dynamic industry.

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AP Precision Metals Inc.

AP Precision Metals, Inc. was founded in 1998 by Lane Litke and Victor Miller out of a necessity for reliable metal products for their growing robotics company.

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