



M.B. Machinery Corp.'s shipment delay resolved with effective **CBAM** solution by Cleancarbon

Case Study

Cleancarbon.ai



Client Overview

M.B. Machinery Corp. (Regd.), established in 1971 in Ludhiana, India, is an ISO 9001:2015-certified manufacturer of dewatering couplings, fittings, agricultural implements, and special-purpose machinery. Led by Mr. Jagdhir Singh, a pioneer in engineering design, the company serves irrigation and dewatering industries with products like Miller, Bauer, Perrot, and Italian-type couplings, many made from CBAM-regulated steel and aluminum. With exports to the EU, M.B. Machinery faced a critical challenge when a 203-ton shipment was held at customs due to a missing CBAM report. They partnered with CleanCarbon.ai to resolve the issue and establish robust CBAM compliance.



Business Challenges



1. **Shipment Delay Due to Missing CBAM Report:** A 203-ton shipment of steel and aluminum couplings was stuck at EU customs, threatening financial losses and client trust.
2. **Supplier Data Coordination:** Collecting Scope 1, 2, and 3 emissions data from suppliers for diverse components (e.g., couplings, fittings) was complex, requiring accurate part descriptions and HSN codes.
3. **Supplier Engagement:** Convincing suppliers to share emissions data was challenging due to limited CBAM awareness and trust concerns.
4. **Reporting Efficiency:** The variety of products generated a high volume of reports, risking administrative overload.
5. **Timely Compliance and Carbon Tax:** On-time, accurate reporting was essential to avoid penalties and manage carbon tax obligations under CBAM.



Solutions Provided by Cleancarbon.ai

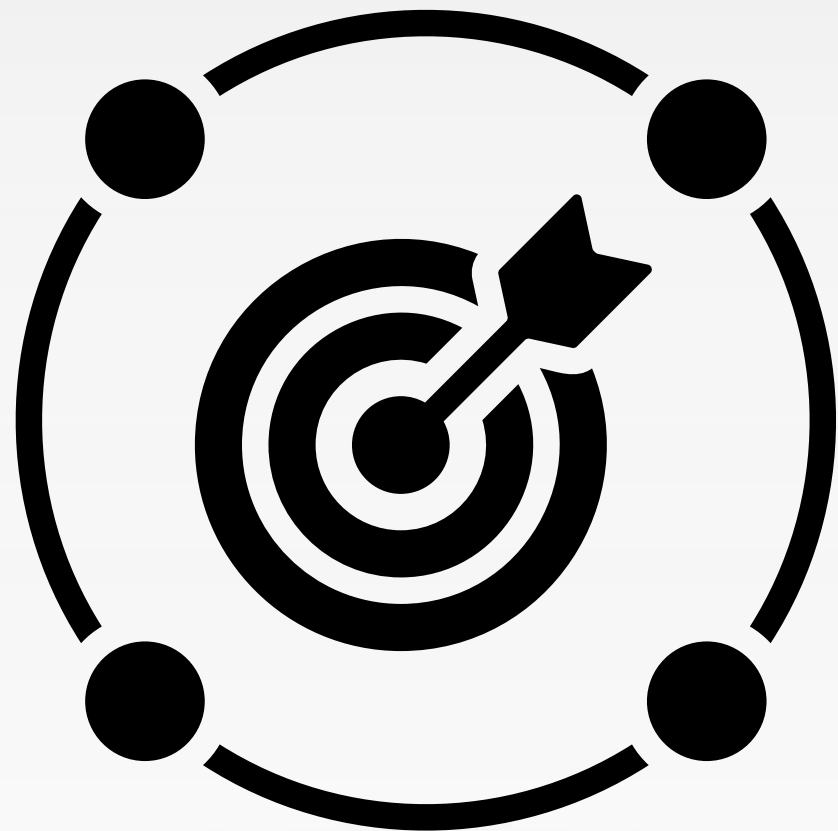
CleanCarbon.ai provided a tailored CBAM compliance solution for M.B. Machinery's operations:

- **Rapid Shipment Resolution:** CleanCarbon.ai swiftly analyzed M.B. Machinery's data to produce a validated CBAM report, clearing the 203-ton shipment.
- **Supplier Training and Demos:** Conducted CBAM tool demonstrations to educate suppliers, building trust and enabling seamless emissions data sharing.
- **Streamlined Data Entry:** Deployed user-friendly, secure platforms integrated with M.B. Machinery's systems for efficient supplier data input.
- **Automated Reporting:** Used ERP-integrated tools to generate EU-compliant XML and Excel reports, simplifying reporting for diverse products.
- **Real-Time Emissions Visibility:** Provided dashboards for instant insights into emissions, aligning with M.B. Machinery's quality standards.
- **Audit and Tax Readiness:** Offered on-field support for EU audits and validated reports for accurate carbon tax calculations, ensuring GDPR-compliant data handling.

Implementation

CleanCarbon.ai executed the solution over three months, prioritizing the shipment issue. Within days, they generated a compliant CBAM report using M.B. Machinery's data, clearing the 203-ton shipment. Phase one integrated automated emissions tracking with M.B. Machinery's systems, mapping steel and aluminum components. Phase two trained suppliers through demos to streamline data collection. Phase three delivered validated reports for ongoing EU submissions, with dashboards for real-time monitoring. Continuous support ensured compliance and audit preparedness.



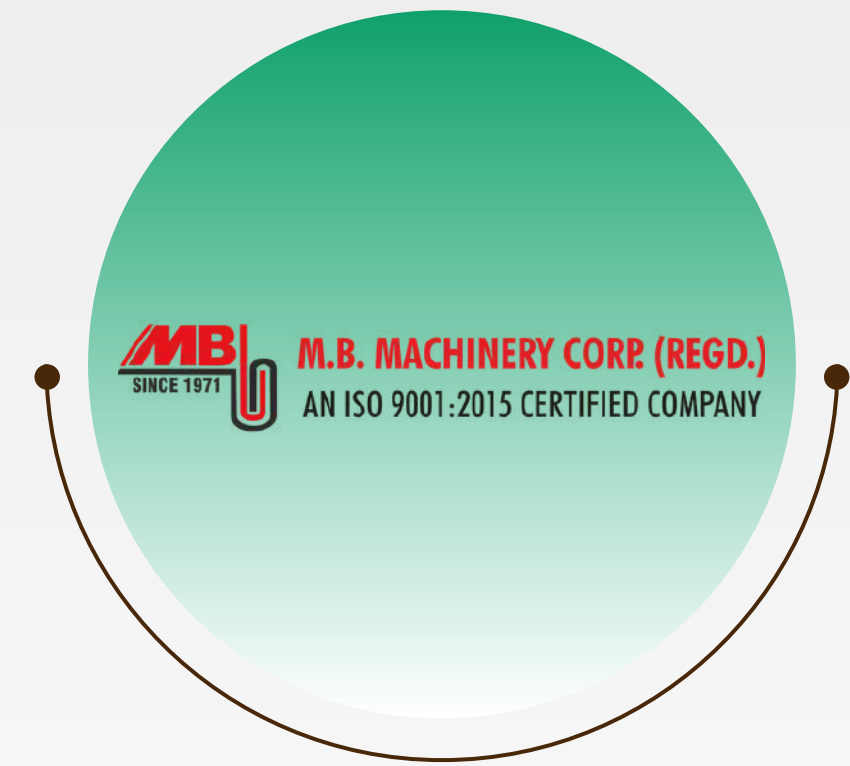


Result

- **Shipment Clearance:** Resolved the 203-ton shipment delay within days, restoring client confidence and avoiding losses.
- **Supplier Collaboration:** Achieved 90% supplier data submission through trust-building demos and user-friendly tools.
- **Cost Savings:** Reduced CBAM reporting costs by 35% via automation, freeing resources for innovation.
- **Timely Compliance:** Delivered 100% on-time EU-compliant reports, preventing penalties.
- **Carbon Tax Accuracy:** Ensured precise emissions calculations, minimizing tax liabilities.
- **Audit Success:** Passed EU audits seamlessly, with validated reports and GDPR-compliant processes.

Client Testimonial

“CleanCarbon.ai’s CBAM tool demos made emissions reporting clear and manageable. Their platform is easy to use, and their support built confidence in sharing data. This partnership has streamlined our role in M.B. Machinery’s EU compliance.”



M. B. Machinery

Representative

Conclusion

With Cleancarbon.ai's expertise, M.B. Machinery Corp. overcame a critical shipment delay and established efficient CBAM compliance, reinforcing their reputation in the EU market. CleanCarbon.ai's automated, supplier-focused solutions delivered cost savings, regulatory success, and operational efficiency. For exporters navigating CBAM, CleanCarbon.ai offers a trusted path forward. Visit cleancarbon.ai to book a consultation and streamline your CBAM journey.



+91 9529744969



Cleancarbon.ai



nb@Cleancarbon.ai

