



## **Dietz Electric Highlights Critical Role of Hazardous Location Motors In Workplace Safety**

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Dietz Electric Co., Inc., a trusted industrial electrical supplier headquartered in Milwaukee, Wisconsin, today highlights the importance of hazardous location motors in safeguarding workers and facilities operating in explosive or flammable environments. This renewed focus reflects the company's long-standing commitment to safety and code compliance in industries where electrical equipment must function reliably in the presence of ignitable gases, vapors, or dust.

Across sectors such as petrochemical processing, wastewater treatment, grain handling, and power generation, hazardous environments present continuous challenges to operational safety. Motors installed in these locations must meet rigorous standards established by regulatory bodies such as the NFPA (National Fire Protection Association), UL (Underwriters Laboratories), FM (Factory Mutual), and CSA (Canadian Standards Association). Dietz Electric's extensive selection of motors includes models built to comply with Class I Division 1, Class I Division 2, and Class II specifications, all engineered to help customers meet or exceed these standards.

The company's offering is particularly relevant as industries face increasing pressure to conform to evolving

safety regulations. Improper or delayed equipment selection in high-risk areas can lead to costly downtime, property damage, or worse?catastrophic incidents involving personnel injury. Dietz Electric mitigates these risks by maintaining a wide inventory of explosion-proof and hazardous duty motors that are certified, tested, and ready for immediate deployment.

According to Mark Henson, owner of Dietz Electric, having access to the right motor at the right time can be the difference between maintaining uptime and facing a serious incident. ?We?ve seen the consequences when facilities try to push standard equipment into hazardous environments. Our mission is to make sure they have certified options available without delay. We emphasize the critical role of hazardous location motors from Dietz because these are safety solutions, not just components.?

The motors supplied by Dietz Electric are engineered to contain any arcs or sparks within the motor enclosure, preventing them from igniting surrounding volatile substances. This explosion-proof construction is essential for use in locations where OSHA, NEC (National Electrical Code), and local authorities require intrinsically safe equipment. Additionally, many of the motors carry multiple agency approvals, giving engineers and safety managers assurance across regional and international standards.

Beyond inventory, Dietz Electric?s value lies in its industry knowledge and application guidance. The team works directly with electrical contractors, facility engineers, and procurement officers to determine exact motor specifications for their environment?be it a compact single-phase motor for Division 2 classification or a robust three-phase unit for continuous-duty operation in Class I Division 1 zones. Each product recommendation is grounded in code compliance and real-world performance data.

The company?s approach also addresses a logistical pain point for many industrial buyers: availability. Rather than waiting weeks for specialty motors from manufacturers, customers can source pre-certified hazardous location motors directly from Dietz Electric?s stocked inventory. This supports fast turnaround on emergency replacements and helps ensure project timelines stay on track.

As safety regulations grow stricter and insurance audits more intensive, the importance of working with a qualified supplier grows as well. The ability of Dietz Electric to support customers with both product availability and deep technical insight positions the company as a reliable partner in industrial safety. Their continued investment in hazardous location solutions reflects the growing demand for compliant, field-proven equipment that protects lives and operations.

With decades of experience in industrial electrical supply, Dietz Electric remains focused on its core goal: delivering high-quality, certified products that enable safe operation in the most demanding work environments. As Mark Henson notes, ?It?s not about sales. It?s about giving our customers what they need to go home safe every day?and that starts with hazardous location motors from Dietz.?

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### **Dietz Electric Co. Inc.**

*Dietz Electric is an expert in electrical and mechanical repair, machine shop services, motor testing and electronic drive and controller repairs.*

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