

## EUR21\_15 - DIFFERENCES BETWEEN THE ATEX DIRECTIVE, THE IECEX SCHEME AND N.A. REGULATIONS

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**Abstract** - In this globalized world, projects are awarded to international engineering firms and vendors located outside of the end user country. This scenario brings additional challenges to all parties involved and requires a full understanding about the differences between standards and regulations of many different countries. Depending on the end user country, exporters and manufacturers of Ex equipment will be regulated by different standards, codes and regulations that will govern the product approval process and the necessary factory inspections.

This paper will address some of the most damaging misconceptions about the electric motors certification for North America and the main differences to the ATEX Directive and the IECEx scheme. It is really important to have a full and clear understanding of these myths and differences in order to make informed decisions, assuring this way compliance with the standards, codes and regulations whilst guaranteeing the safety of people and installations.