



TNCHE Asia 2024 Conference
" Decarbonization, AI and Digital Transformation
for Sustainability in Process Industries "
Presenter's Biodata & Abstract



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Current Position : PRODUCT MARKETING MANAGER
Title of Presentation :



Driving Sustainability and Efficiency:



The role of PRV Monitoring in Digital Transformation Initiative

Presentation Abstract:

In today's era of heightened environmental consciousness, process industries are under immense pressure to reduce fugitive emissions and enhance operational efficiency. This presentation explores the pivotal role of Pressure Relief Valve (PRV) monitoring solutions in supporting digital transformation initiatives within these industries.

Emission Reduction: Real-time detection of relieving events and leakages allows for immediate corrective actions, significantly reducing fugitive emissions and environmental impact.

Reliability: PRV releases often signal underlying process and operational issues. Frequent overpressure can lead to valve wear and compromise system reliability. Effective PRV monitoring ensures early detection of issues, enhancing system reliability and minimizing downtime.

Safety: Undetected releases represent unreported 'Near Miss' safety events, potentially leading to hazardous situations. Failure to detect bellow ruptures can pose serious safety risks until the next valve service. Implementing PRV monitoring solutions improves safety by ensuring timely detection and response to potential hazards.

This presentation will demonstrate how integrating PRV monitoring solutions not only enhances sustainability and efficiency but also improves safety standards within process industries.