

ENHANCING SAFETY WITH RUPTURE MITIGATION VALVE RISK ANALYSIS

Dynamic Risk provides risk analysis services that aid operators in evaluating the benefits of Rupture-Mitigation Valves (RMVs) or equivalent technologies. These services pinpoint opportunities for enhanced risk reduction, enabling operators to allocate resources with confidence and adhere to regulatory mandates.

SERVICE OFFERINGS

- Dynamic Risk assists operators in assessing the potential benefits of integrating RMVs or equivalent alternative technologies. Conducting a technology-enabled risk analysis empowers strategic resource allocation, directing limited resources towards activities that result in the most effective risk reduction outcomes.
- Dynamic Risk delivers profound insights and advanced modeling techniques that elevate the precision of risk analysis. Harnessing state-of-the-art tools and methodologies empowers operators with a holistic comprehension of their risk landscape, ensuring alignment with regulatory stipulations.

The final rule by the Pipeline and Hazardous Materials Safety Administration (PHMSA), effective October 5, 2022, incorporates updates to the regulatory requirements outlined in 49 CFR § 192.935(c). Additionally, the newly introduced regulation (§ 192.935(f)) stipulates that risk analyses must undergo operator review and be certified annually by a senior executive.

Pipeline operators are now tasked with the pivotal responsibility of evaluating whether RMVs or comparable alternative technologies can provide effective protection in high-consequence areas (HCAs) during gas release incidents. Dynamic Risk offers comprehensive risk analyses to ensure operators can make well-informed decisions when considering RMVs, thereby enhancing overall operational efficiency.

BENEFITS

- **Demonstrate Regulatory Compliance** – Operators can use their partnership with Dynamic Risk to demonstrate commitment to regulatory compliance. Detailed RMV risk analysis serves to support adherence to the requirements specified in CFR 192.935(c).
- **Strategic Resource Allocation** – Operators can proficiently allocate resources and capital investments, channeling both towards areas where the most significant risk reduction can be attained.
- **Independent Third-Party Assessment** – Operators gain from the credibility of Dynamic Risk's independent, third-party assessment in the event of an audit by PHMSA.
- **Prioritized Resource Allocation** – Operators acquire valuable insights that aid in distinguishing potential consequences within High-Consequence Areas (HCAs). This differentiation facilitates the prioritization of resources for integrity management, consequently enhancing overall operational effectiveness.

ABOUT DYNAMIC RISK

Dynamic Risk is a leading global technology service provider helping ensure the safe and efficient delivery of energy resources. Since 1996, Dynamic Risk has revolutionized pipeline integrity management by combining in-depth engineering expertise and advanced software applications, now leveraging predictive analytics to uncover actionable insights for risk-informed decision-making. Dynamic Risk partners with operators across the Transmission, Midstream, Upstream, and Gas Utility industries to avoid pipeline failures through complete asset lifecycle risk management, and enables clients to achieve optimal business, safety, and environmental performance while meeting compliance objectives in pursuit of the goal of zero incidents.

Dynamic Risk is part of Previa, a fast-growing, innovative, and private industrial technology group focused on advanced diagnostic technologies to monitor the world's infrastructure health. The Group serves asset owners, large engineering firms, and service companies globally in markets such as Aerospace, Civil Infrastructure, Energy, Mining, Power Generation, and Rail. Via sensors, hardware, robotics, and software, Previa makes a safe and sustainable future possible, by pushing the limits of diagnostic technologies that preserve the integrity of our world's critical infrastructure and assets. More information can be found on the company's website: www.previa.com

Canadian Headquarters

Suite 1200
333 – 11 Avenue SW
Calgary, Alberta, T2R 1L9
(403) 547-8638

USA Headquarters

15500 International Plaza
Drive
Houston, TX 77380

