

The 2.0 Process Safety Culture

Upgrading Learning and Knowledge Management

Sound safety culture is a pillar of the processing industry, linking the transformation of workplace safety into competency. Yet, safety culture is often underrepresented as a one-dimensional pyramid focused on group values, attitudes, beliefs, and norms. This poster explores how Learning Management Systems (LMS) foster dynamic organizational learning environments to cultivate a healthy process safety culture.

As the world becomes increasingly digitalized, learning opportunities and knowledge sharing across organizations become more scalable, enriching safety culture. Improved performance should follow as individual and team learning unfolds. However, the success of this process is contingent upon three key characteristics: meaning, management, and measurement. For learning to be absorbed and retained, it must be relevant. In order to preserve and maximize knowledge, it must be managed. And lastly, to measure their impact, narratives and learnings need to be translated into actionable data. A Learning Management System (LMS) has the ability to integrate these “M” concepts together to promote and elevate a strong, proactive culture.

