Columbia Basin Section
ASQ Excellence Through Quality™

August 28, 2024
ASQ Quality Management Division
Virtual Webinar

ASQ WE ACHIEVED SILVER LEVEL IN 2023!
PERFORMANCE EXCELLENCE PROGRAM

DATE:

Wednesday
August 28, 2024

This is a virtual/online webinar via Webex. Log-in information will be provided on the registration confirmation email.

Time: 3:00 pm – 4:00 pm PDT

(check website to confirm time)

Cost: No charge for ASQ members and non-members

[**Advance registration**](#) **is required for planning purposes and to receive RU credit following the meeting.**

Attendance at this meeting earns RUs toward ASQ recertification.

Additional information about ASQ's Quality Management Division is available [here](#).

For more information about our Columbia Basin ASQ section and other upcoming events: www.asq614.org/ or our [myASQ community site](#).

Modernizing Oversight:
A Systems Approach to Evaluating our Nation's Critical Infrastructure

Rob De La Espriella
Senior Policy Advisor to the Department of Energy
Founder & CEO, DLE Technical Services, LLC

Critical infrastructure refers to the systems, facilities, and assets that are vital for the functioning of society and the economy. They are considered essential because their disruption would impact public safety, security, health, and/or economic stability. Critical infrastructure includes both physical and virtual components that are interconnected and interdependent.

Rob will describe a holistic, systems-based approach to efficiently and effectively assess our nation's critical infrastructure. This will include how to establish and implement proactive risk-based audits and assessments to evaluate and strengthen our defenses against the rapidly changing threat profiles that threaten our nation's critical infrastructure.

Participants will learn:

- How conducting a **subsystems inventory** is crucial to understanding and evaluating the overall state of readiness of our critical infrastructure

- How to use a modern version of the **Bowtie Risk Assessment Model** to create a proactive strategy focused on evaluating changing threat profiles

- How we can use existing **threat analyses** or threat profiles as the basis for assessment plans to evaluate the effectiveness of our critical infrastructure's defenses

- How to use a modern, systems-based **integrated problem-solving system** to identify the root causes of performance gaps and develop effective actions to prevent recurrence

About the speaker: Rob De La Espriella is a leading expert in solving human errors and complex, recurring problems across various industries, including Energy, Aerospace, and Defense. As the creator of the BlueDragon IPS, helps clients address some of their most challenging and recurring accidents, incidents, and other issues that are often caused by a complex mix of human behavioral factors, the human interface with the physical world (i.e., equipment, tools, materials, components), and the pressures of the modern socio-technical work environments. His expertise in innovative problem-solving methodologies makes him an invaluable asset to any organization seeking to improve their problem-solving capabilities in today's modern, socio-technical work environments.