ANSI/ASSP Resource Guide:

Risk Assessment
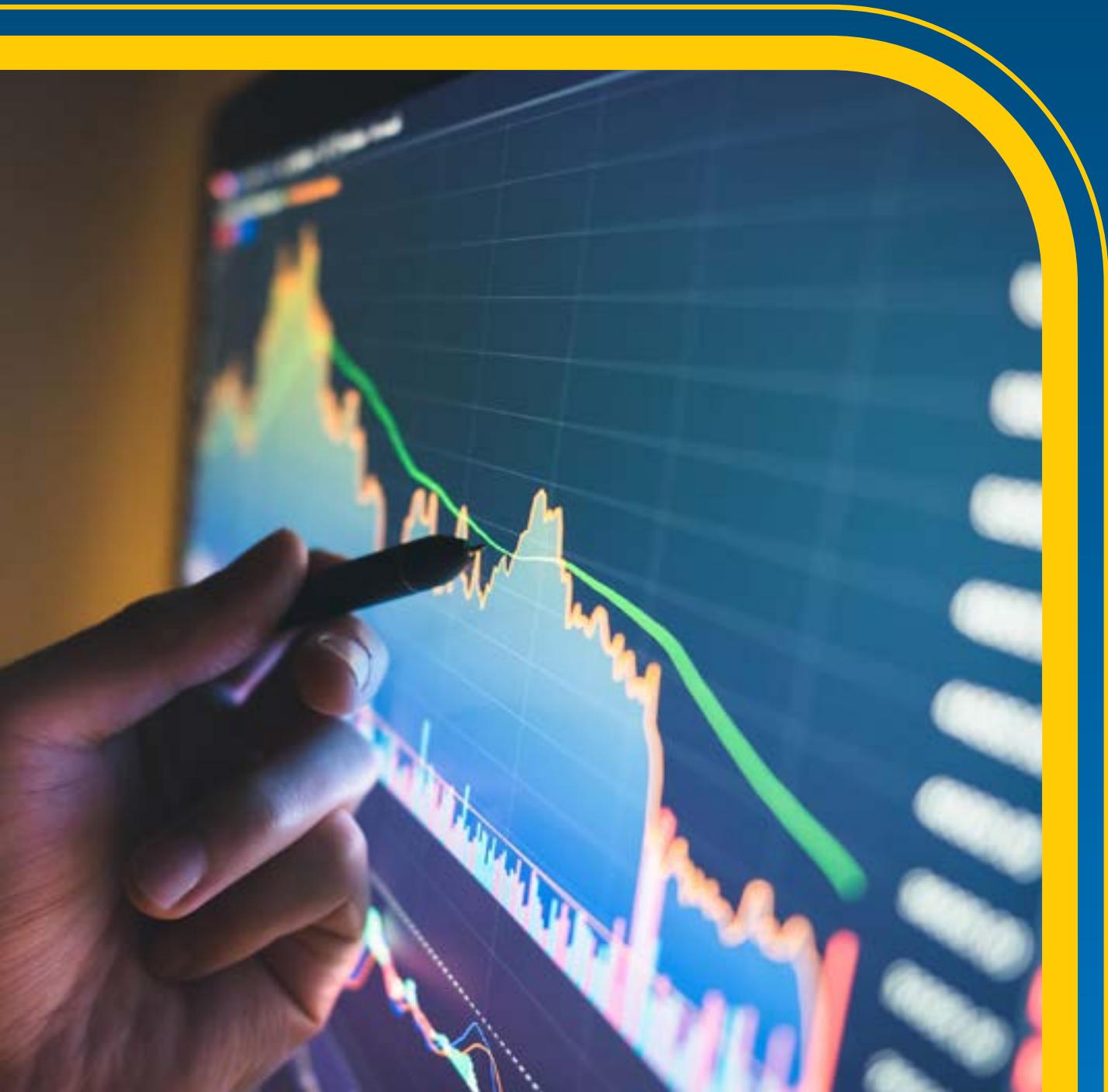
Resources

Introduction

This guide brings together a range of resources to support EHS professionals in performing comprehensive risk assessments and effectively addressing workplace hazards and exposures. It's designed to help you evaluate risks, implement meaningful remediation strategies and strengthen your organization's overall safety performance.

American National Standards

ISO 31000 Standards

The ISO 31000 standards provide uniform guidelines for risk management practices and procedures that can enhance work safety and improve organizational performance. The standards establish a common language for risk management, outline principles and guidelines and explain risk management techniques.

Through the application of risk management standards, safety professionals can help organizations manage safety and health risks that can injure workers, damage organizational reputation and decrease profitability. Organizations that embed risk management practices into their decision-making processes are ultimately more sustainable and profitable.

ANSI/ASSP/ISO 31000-2018 Risk Management - Guidelines

ASSP/ISO TR-31000-2022 Technical Report: Risk Management – A Practical Guide

ASSP TR-31010-2020 Technical Report: Risk Management - Techniques for Safety Practitioners

ASSP/ISO TR-31050-2024 Risk Management – Guidelines for Managing an Emerging Risk to Enhance Resilience

ANSI/ASSP/ISO 31073-2022 Risk Management - Vocabulary

Additional Standards

The following standards provide further guidance and best practices that EHS professionals can reference and incorporate to support effective risk assessment and hazard control.

ANSI/ASSP Z590.3-2021 Prevention Through Design Occupational Hazards & Risks

ASSP TR-A10.100-2018 Prevention Through Design in Construction

ANSI/ASSP A10.1-2024 Pre-Project & Pre-Task Safety and Health Planning

ANSI B11.19-2019 (R2024) Performance Requirements for Risk Reduction Measures: Safeguarding & Other Means of Reducing Risk

Training Materials

Courses & Professional Certificate

Creating & Sustaining Effective Risk Assessment Teams

Risk Assessment & Management for Safety Professionals

Prevention Through Design

Risk Management Certificate Program

Webinars

Embedding Human Performance in Your Risk Assessment Process

ISO 31000—The International Standard on Risk Management

Conducting Job Safety Analysis & Risk Assessments

A Data-Driven Approach to Creating a Culture of Safety

Books

Risk Management Tools for Safety Professionals

Assessing and Managing Risk: An ERM Perspective

Blog Articles

The Evolution of Prevention Through Design & Risk Assessment: A Personal Perspective

How Does Your Organization Define Risk & Why Does It Matter?

Safety Success Stories: Reducing Risks by Redesigning Tasks in Warehousing

3 Keys to Improving Risk Management

An Inside Look at the Online Prevention Through Design Course

ANSI B11.20-2017 Standard

Prevention Through Design With Limited Resources: It's a Mindset

Risk Intervention Strategies in Contractor Safety Management

Tackling a Universal Risk

How to Improve Safety & Organizational Culture Through Risk Management

Risk Acceptance & the Ethics of Safety: What Is Your Role as a Leader?

4 Ways to Take Risk Management to the Next Level

Podcast Episodes

Risk Management Tools for Safety Professionals

The Importance of Risk Management in Safety