

ISO 45001: 2018 OCCUPATIONAL HEALTH & SAFETY STANDARD

WHAT ARE THE BENEFITS?

ECG SPRING CONGRESS

SORRENTO

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**BUREAU
VERITAS**

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OCCUPATIONAL HEALTH & SAFETY

Golden goal:

- Tackle any working condition where men and women are at risk physically or psychologically.

Automotive industry players need to consider

- Classical issues: physical injuries and occupational health risks such as exposure to toxic atmosphere or ergonomics
- New issues: resulting from vehicle complexity / new energy, propulsion, the automotive digital revolution and adaption
 - Delivery time pressure, complexity of projects, stress, new technologies & components, more complex machinery & processes

OH&S issues can be also related to costs for the industry players and global society

- OH&S costs are evaluated to several Billion € for the global automotive industry but it's difficult to precise
- The NSC (*) evaluated the OH&S costs to 160 \$ Bn for 2017 global industry sector in USA. This can be divided into
 - 32% related to wages & productivity losses (\$Bn52)
 - 31% of administrative paperwork expenses (\$Bn 51)
 - 21% of Medical Expenses (\$Bn 24)
 - 16% of uninsured workers (\$Bn 12)

- (*) NCS= National Safety Council

Per worker:
OH&S costs : 1 k€
When medical intervention: 35 k€
When employee death: 1 M€
Source: NCS

4% of ww GDP – 8000 Death

Source: International Labour Organization



OCCUPATIONAL HEALTH & SAFETY – ISO 45001 VS OTHER SOLUTIONS

Global initiatives

- Several initiatives, Guidelines have been published by many associations & organizations
- AIAG also launched a working group within the industry and 6 major OEMs signed (FCA, Ford, GM, Honda, Nissan & Toyota)

Individual initiatives

- Most of the OEMs and big players of automotive supply chain have introduced H&S results in their annual reports
- Companies actions plan develop solutions based on their own approach based on their historical H&S policy and specificities

OH&S Management Standard

- Until 2018, OHSAS 18001 was globally standard recognized (certificate validity will end in march 2021)
- Now, ISO 45001 is becoming **the leading worldwide applicable OH&S standard**:
 - It's a Management System standard aiming at
 - Identifying, analyzing and assessing the risks
 - Improving the working environment
 - Acting proactively to anticipate occurrences and avoid incidents (whether physical or psychological)
 - **Integrating the most advanced national regulations on Occupational Health & Safety**



WHAT ARE ISO 45001:2018's OBJECTIVES ?

- **Improve Employee well being**
- **Create a unique & common framework** => H&S Management System for a safe and healthy workplace
- **Simplify the H&S Management System deployment** within the company and international groups
 - Simplification of vocabulary, standardization of requirements
 - Applicable in any type & size of companies : SME (< 50 people), Medium (50 to 1000), Large & International (> 1000 or multi-sites)
 - Applicable in any sector & industry (ie: Automotive supply chain)
 - Processes that can be easily implemented for H&S preventions
- **Define** a clear and transparent **company OH&S policy**.
- **Risk prevention**
 - Anticipation of hazards and dangerous situations (while previous standard was less proactive)
- Manage H&S with a **continuous improvement approach**
- **Integrate most of the OH&S regulatory requirements** applicable worldwide
 - Most demanding requirements are integrated within standard requirements
 - Requires compliance with local laws
 - Most best practices are integrated into the standard



WHAT IS ISO 45001:2018?



ISO 45001 provides a comprehensive framework for Management Systems addressing OH&S issues

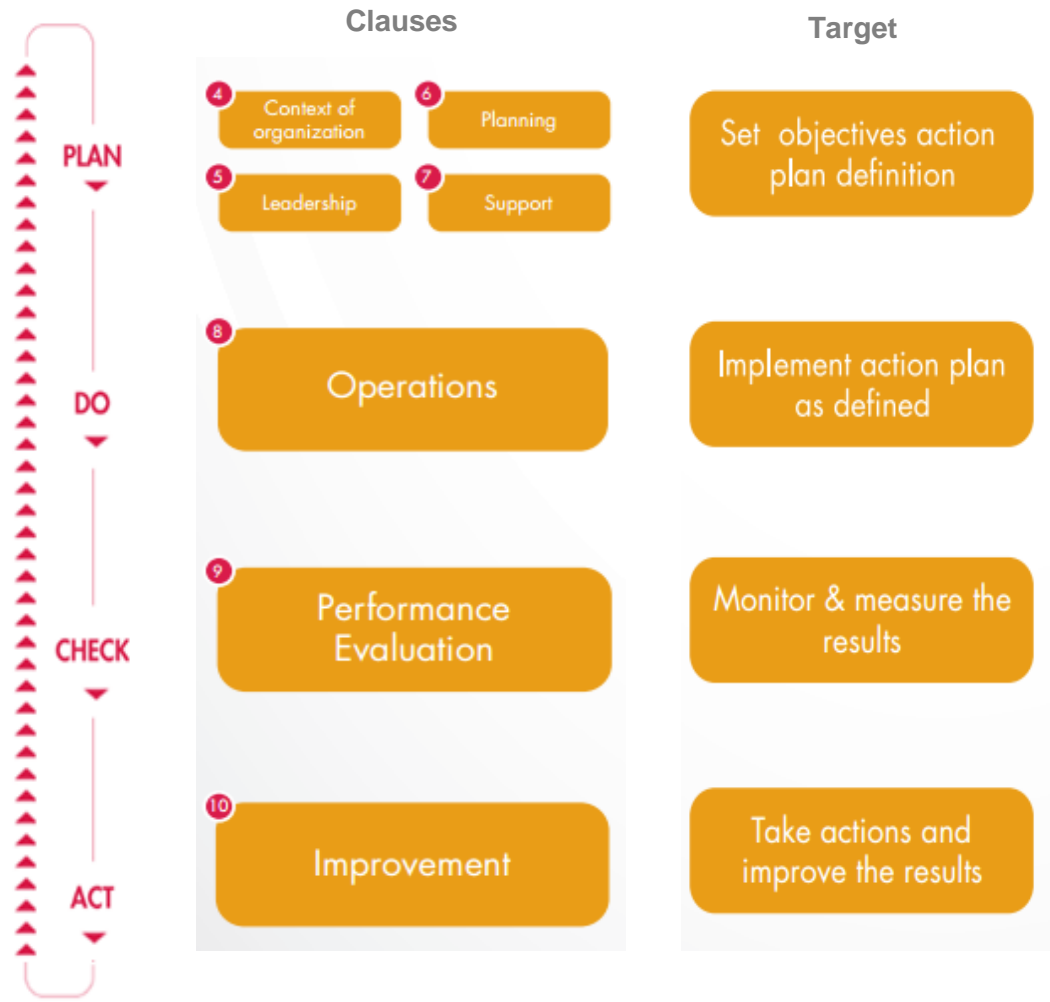


ISO 45001:2018, BASED ON ISO9001:2015's HIGH LEVEL STRUCTURE

OH&S MANAGEMENT SYSTEM



More flexibility for addressing OH&S within Integrated Management Systems



BENEFITS FROM ISO 45001 IMPLEMENTATION:

- **Reduce injuries** of personnel, **Improve** organization's **reputation** and **recognition**
- **Develop** and **embed a true Health and Safety culture** within the organization
- **Leadership Management:**
 - Change is lead from the top*
 - Leaders must demonstrate how to behave*
 - Leaders must have a focus on OHS excellence*
- **Motivate the teams by developing awareness:** communicating, sharing and educating on best practices
- **Risk Management approach** needs to be embedded as any other matters within the organization
 - Determine the hazards and risks associated with activities*
 - Establish processes that consider context, risks and opportunities, as well as legal and other requirements*
 - Implement operational controls to evaluate, manage and **improve OH&S performance** through appropriate actions*
- **Reduce downtime**, the cost of incidents and insurance premiums
- **Compliance with regulations applicable in multiple countries**

MORE INFORMATION ON ISO 45001:2018

Service Sheet

Bureau Veritas Services **ISO 45001:2018 CERTIFICATION**

DEMONSTRATE YOUR ABILITY TO IMPROVE THE HEALTH & SAFETY WITH ISO 45001

BUSINESS CHALLENGE
Your company's human capital is your greatest asset, which is why the health and well-being of your employees is one of the top drivers for the success of your business. The objective of ISO 45001 is to help you implement a management system that proactively prevents injuries or illnesses.

SOLUTION
WHAT IS ISO 45001:2018?
ISO 45001 is an international standard giving requirements related to Health and Safety Management Systems. It enables an organization to focus on the most critical risks and opportunities, all relevant hazards resulting from normal operations and abnormal situations, and improve its performance.

WHAT ARE THE KEY BENEFITS?
The implementation of ISO 45001 is a strategic and quantitative business for your company, allowing you to address your needs:

- Reduce injuries, health problems and lost production due to work accidents
- Improve development and dissemination of the risk register and safety strategy with clear responsibilities for management, as well as a commitment to comply with current legislation
- Improve the organization's performance
- Improve the definition of the occupational health and safety objectives of an organization
- Reduce management expenses - Assessing compliance and participation
- Improve productivity by management, as well as its commitment to the management system and compliance with it
- Improve the control and improvement occupational health and safety performance and results.

WHY CHOOSE BUREAU VERITAS CERTIFICATION?

NETWORK - With 130,000 active ISO certificates and 5,710 global auditors, Bureau Veritas Certification is present in 120 countries and issues 100,000 certificates annually in 90 languages.

EXPERTISE - Our auditors have extensive knowledge of specific industry sectors, local regulations, markets and equipment that enables them to provide solutions adapted to your needs.

RECOGNITION - Bureau Veritas Certification is recognized by more than 40 national and international accreditation bodies across the world.

MARK OF GLOBAL RECOGNITION - The Bureau Veritas Certification mark is a globally recognized symbol of excellence that is recognized by customers, regulators and industry.

Technical Guide

ISO 45001:2018 TECHNICAL GUIDE FOR AUTOMOTIVE INDUSTRY

LEAD

White Paper

UNDERSTANDING THE MIGRATION TO ISO 45001

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E-Learnings & Self Assessment tools

VIRTUAL CLASSROOM
ISO 45001:2018 OVERVIEW

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E-LEARNING COURSE
ISO 45001:2018 IN-DEPTH

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DIGITAL TOOLS
ONLINE SELF ASSESSMENT TOOL

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All our certification services
for automotive sector
on <http://lead.bureauveritas.com>

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GET ON THE ROAD TO OPTIMAL PERFORMANCE

Consumers are perpetually looking for safer, more efficient, more supported by strong regulations. This demand is driving (through technological and economic) changes in the automotive industry. The sector is reinventing itself with new propulsion technologies and new mobility concepts.

Certification demonstrates adherence to safety best practices and customer standards. Best-in-class compliance increases your reputation, providing a competitive advantage. Certification is becoming more and more important in the automotive industry as it moves forward by digitalization and alternative mobility technologies.

LEAD

BUREAU VERITAS CERTIFICATION: THE FAST LANE TO EXCELLENCE

YOUR PROJECTS

- QUALITY**
Certification demonstrates your excellence (shown in terms of product quality and process control) and helps you to improve your quality and major suppliers' quality by sharing best practices and helping you to meet the requirements of your customers and regulatory bodies. Our certification services also support you in managing risks, such as the risk of obsolete articles, and ensure timely recovery from disrupted processes.
- ENTERPRISE RISK**
As a more and more data is shared between automobile suppliers and customers in the management of information systems, a number of potential security breaches and attacks are expected to increase. Our certification services also support you in managing risks, such as the risk of obsolete articles, and ensure timely recovery from disrupted processes.
- SOCIAL RESPONSIBILITY**
Automobile players need to demonstrate responsibility by working ethically and sustainably and by ensuring their processes have a safe and healthy workforce. Our certified audit helps you select reliable and reliable suppliers, and ensure best practices.
- ENVIRONMENTAL**
Automobile manufacturing is energy intensive and relies on limited supply chains. Certification demonstrates that your organization is working ethically and sustainably, and ensuring their processes have a safe and healthy workforce. Our certified audit helps you select reliable and reliable suppliers, and ensure best practices.
- TRAINING**
There is a need to properly train and update staff with the latest products, processes and standards. Our training solutions offer you a wide range of on-site, on-line and self-assessment tools for your training needs. Our offer includes both digital and face-to-face options.

OUR OFFER

- **ISO 14001** - QMS for the automotive industry - for auto suppliers
- **ISO 9001** - QMS for the automotive industry - for auto suppliers
- **ISO 16949** - Process Audit Management - for OEMs and their suppliers
- **ISO 45001:2018** - Quality Management System (QMS)
- **Supplier Quality Assessment (SQA)**
- **Gateway Assessment (GA)**
- **ISO 27001** - Information Security Management System (ISMS)
- **ISO 27002** - Information Security for data in automobiles
- **Bureau Veritas Data Protection Scheme**
- **ISO 27005** - Risk-Behavior Management System
- **ISO 28001** - Security Assurance Management System
- **ISO 33001** - Business Continuity Management System
- **ISO 26262** - Safety/Functional Safety
- **Functional Safety Assessments**
- **ISO 39001** - Occupational Health and Safety Management System
- **SA 8000** - Social Accountability Management System
- **Bureau Veritas SafeShip** digital freight monitoring program
- **Assessment of Road Responsible Driving Behavior**
- **ISO 14001** - Environmental Management System
- **ISO 14002** - Environmental Management System
- **ISO 14061** - Environmental Management System
- **ISO 14063** - Energy Management System
- **Webinars**
- **E-Learning**
- **White eLearning**
- **Self-assessment tools**
- **Customer training**
- **Auditor Training Qualification (ATQ)**

PARTS SUPPLY **VEHICLE ASSEMBLY** **VEHICLE DISTRIBUTION** **SALES & AFTERSALES**





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