Occupational Health and Safety Management Systems (OHSMS) are management systems that provide a framework for an organization to manage risks and opportunities to help prevent work-related injury and ill health. ISO 45001 is a new international standard that provides a framework for an organization to manage risks and opportunities to help prevent work-related injury and ill health. It is the first of its kind and is expected to be adopted by organizations globally.

ISO 45001 is a voluntary standard that organizations can adopt to establish, implement, maintain and improve their Occupational Health and Safety Management System (OHSMS). It is based on the ISO 9001 and ISO 14001 management systems and includes the principles of risk management. The standard encourages organizations to identify and control risks and opportunities to prevent work-related injury and ill health.

The standard also requires organizations to ensure that employees are involved in the management of health and safety, and to take steps to prevent harm to people in the workplace. It also requires organizations to ensure that their OHSMS is integrated with other important processes, such as quality management and environmental management.

ISO 45001 is designed to be flexible and adaptable, and to be used in all types of organizations, large and small, around the world. It is intended to help organizations to improve their health and safety performance, and to reduce the risk of work-related injury and ill health.

ISO 45001-2018 replaces OHSAS 18001:2007, which was the widely implemented BS OHSAS 18001 (which has now been withdrawn). BSI is the world leader in occupational health and safety management systems. We were the originators of the first guide on occupational health and safety in 1996 which laid the foundation for OHSAS 18001, the standard upon which ISO 45001 was built. ISO 45001 is an Occupational Health and Safety Management System (OHSMS) which is a management system in place to ensure that the health and safety of all people who work in an organization are protected.

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