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ISO 14005: 2010 Environmental Management Systems -- Guidelines For The Phased Implementation Of An Environmental Management System, Including The Use Of Environmental Performance Evaluation

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1.0 History Of International Organisation For Standardization (ISO)

The International Organization for Standardization (ISO) officially began operating in Geneva, Switzerland in February 1947. The idea was created from a new international organisation which would 'facilitate international coordination and unification of industrial standards. This is due to the success of meetings held the previous year when 25 countries attended the representatives. Since then, ISO have published over 250,000 international standards covering aspects of technology and manufacturing. 162 members are already registered, and ISO will bring together experts within the industries to share their knowledge, to develop and produce relevant internationally recognized standards. ISO's mission is to be "simpler, faster, better" and to reduce the time it takes to develop standards to better serve the needs of society. Standardisation means effect to the units of measurement such as alphabetization and transliteration, specifications for parts, materials, surfaces, processes, tools, methods of testing and machines. This ISO is established to investigate and resolve specific issues of standardisation.

2.0 Significant Of ISO 14005:2010

The International Standards Organization (ISO) is to provide guidance for organisations on the phased development, improvement, maintenance, implementation, and improvement of EMS to meet the requirement of ISO 14001. Besides that, there are several significant ISO that users can use. ISO 14005:2010 can help reduce costs, improve their community relations, and help them live up to customer expectations. It can also help organisations in the small and medium sized enterprise (SMEs). This International Standard ISO 14005:2010 is applicable to any organisation, regardless of its level of development, the nature of the activities undertaken or the location at which they occurred is applicable to any organisation regardless of its level of development, activities, or location. The standard how an EMS can be set up in steps, whatever the starting point in the organisation, to a level that can meet the requirements of ISO 14001 (environmental management systems).

Then, several applications of ISO 14005:2010 already demonstrate its added value to different types of users and give them some advantages. ISO 14005, there are further possibilities where an organisation can help a supplier develop its EMS, for example by supporting phased EMS implementation by upstream suppliers, ultimately leading to ISO 14001 conformity, helping flexible EMS implementation along the supply chain in cases where the supplier has limited influence on the environmental aspects of the final product, by focusing initially only on critical issues.

Two applications will be in focus on starting from fragmented activities related to the improvement of environmental performance, develop the insight that a more structured and systematic approach regarding EMS is useful and assessing an existing EMS about gaps vs. ISO 14001:2015, in business (suppliers' due diligence, outsourced processes) or policy (against other CSR or EMS approaches) context. If anyone is with an SME and looking for guidance in this area, 14005:2010 can help. Also, if anyone is part of a large organisation, with an established EHS, EHSMS, or OHSMS and are struggling with implementation at small and low-risk locations, 14005 provides nuggets of gold. ISO 14005 makes maturity assessment and implementation easier. ISO 14005 provides an effective tool by which to compare alternative management system approaches with ISO 14001 requirements. ISO 14005 has already proven to be a very helpful addition to the ISO 14000 series of standards. It will support the spreading of ISO 14001, in the SME community.

3.0 Conclusion

ISO 14005:2010 is very important as a guideline for the phased implementation of an environmental management system, including the use of environmental performance evaluation. It is also a guideline for EMS and increases uptake of ISO 14001 among SMEs and along the supply chain, using a phased approach. This guideline provides large organisations and SMEs with tools to conduct such as EMS implementation ROI (return-on-investment) assessments, performance evaluations and EMS integration. ISO 14001 is a guideline for full implementation of an EMS. ISO 14005 is a new guideline that allows phased, step wise implementation. ISO 14005 can start as a project driven system that develops over time into a full EMS implementation. Both ISO 14001 and 14005 allow EMS implementation over parts of a city or over the entire city.

4.0 References

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