

Approach to Develop an Integrated Management System (IMS)

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An integrated management system (IMS) combines all related components of a business into one system for easier management and operations. Before introduction of ANNEX SL by ISO, Quality, Environmental, and Safety management systems are often implemented as isolated management systems as there were lot of dissimilarities in the structures of those standards than the similarities.

Integrated Management Systems allows your company to manage and execute similar processes without duplication, to conduct integrated audits and assessments, as well as optimize processes and resources. When you can integrate these systems it can help reduce the time it takes to do certain activities, eliminate the amount of time interrupted and therefore reduce costs.

What are the most popular management system standards that can be integrated in line with ANNEX SL?

Annex SL solves the problem of potential redundancy in basic structure for companies wishing to deploy multiple standards. Following standards are the most popular standards in line with ANNEX SL and those are being implemented all over the world as well as in Sri Lankan rubber related products manufacturing industry.

- ISO 9001:2015 Quality Management Systems — Requirements
- ISO 14001:2015 Environmental Management Systems — Requirements
- ISO 50001:2018 Energy Management Systems — Requirements
- ISO 45001:2018 Occupational Health And Safety Management Systems — Requirements

High level structure of ANNEX SL (formerly called Annex SL but renamed “The Annex L” with the 2019th edition)

1. Scope
2. Normative references

3. Terms and definitions

4. **Context of the organisation**

5. **Leadership**

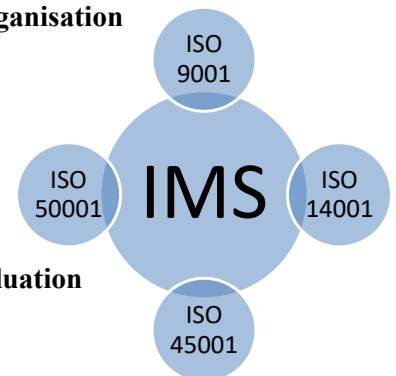
6. **Planning**

7. **Support**

8. **Operation**

9. **Performance evaluation**

10. **Improvement**



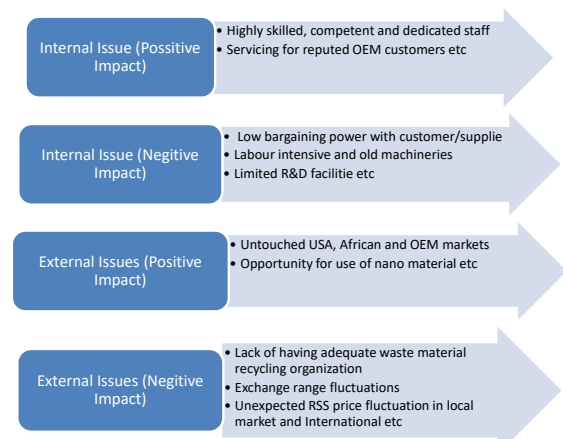
Critical areas to be considered when developing an integrated management system

01. Integrated context review for quality, safety, environment and energy

context of the Organization is “*business environment*“, “*combination of internal and external factors and conditions that can have an effect on an organization’s approach to its products, services and investments and interested Parties*“. The following two areas are very important under the context review.

i. Internal and External Issues

Identification of internal and external issues that are having an impact on **quality, safety, environment and energy management system** are highly important when developing integrated management system and some examples which are relevant to solid tyre manufacturing are as follows



(Issues can have both positive and negative impacts for the organization and those can be vary company to company)

ii. **Need and Expectation of Interested parties on quality, safety, environment and energy management system**

Nonfulfillment of the need and expectations of the interested parties are also significantly affect to any business and it is a pre-requisite to identify those needs and expectations and any risks/opportunity that can have an impact to the organization from them.

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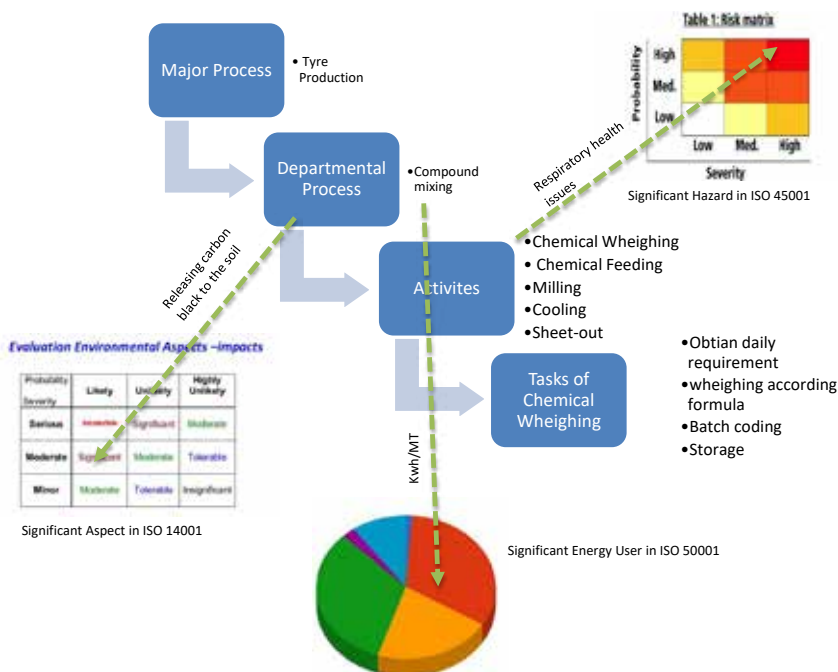


(These needs and expectations may have both positive and negative impacts for the organization and those can be vary company to company)

iii. **Quality, safety, environment and energy management systems and its process**

When developing an integrated management system it is necessary to determine the processes needed for the quality, environment, safety and energy management systems and their application throughout the organization. It includes

Decompose major process in to sub process activities and tasks



and

- Determine the inputs required and the outputs expected from these processes;
- Address the risks and opportunities including significant environmental aspects and impacts, high risk OHS hazards, significant energy users etc
- Determine and apply the criteria and methods (including monitoring, measurements and related performance indicators) needed to ensure the effective operation and control of these processes;
- Determine the resources needed for these processes and ensure their availability;
- Assign the responsibilities and authorities for these processes;
- Improve the processes and the integrated management system etc

It is highly important to map all the process and activities by focusing on **quality, safety, environment and energy** management system requirements and the following example illustrate how to integrate all management systems in the process mapping

02. Integrated management system policy for quality, safety, environment and energy

An integrated management system (IMS) combines all related components of a business into one system for easier management and operations. Quality, Environmental, and Safety management systems are often combined and managed as an IMS

03. Integrated documented information and retained information management system for quality, safety, environment and energy



Note: Some are not mandatory documented information and those may be highly contribute to effective integrated management system.

04. Integrated Internal Audits and Management Reviews

As has already been mentioned, there are many common processes that exist in all management systems. In fact, these processes contain the same requirements in all ISO management system standards. This will include determining the context of the organization, identifying interested parties, management of documented information, handling competence requirements, performing internal audits and management review, and many others. With this long list, it is easy to see that if the process is the same, there is no requirement for extra resources to maintain more than one management system for these common processes.

Additionally, many of the benefits of all management systems are the same. Therefore integrated management system enables better decisions based on facts, increase process efficiency, improve organization's image, and make improving the processes a habit among employees. These benefits can be gained by focusing on one management system, or by looking further to several management systems integrated together.