**ISO 14001:2015/GEMS Crosswalk**
August 2015

|  |  |  |
| --- | --- | --- |
| **ISO 2004 Standard** | **ISO 2015 Standard** | **ISO Changes** |
| 1. Scope
 | 1. Scope
 |  |
| 1. Normative References
 | 1. Normative References
 |  |
| 1. Terms and Definitions
 | 1. Terms and Definitions
 |  |
| 1. Environmental Management System Requirements
 | 1. **Context of the Organization (Title heading)**
 | **New clauses requiring the organization determine the internal and external issues that can influence the scope of its EMS. Env. risks, opportunities, and stakeholder expectations****Mandates top management take the lead in integrating EMS into the strategies, processes and priorities****Organization is expected to gain a general understanding of the expressed needs and expectations of those internal and external interested parties.****New commitment to compliance obligations (Compliance obligations is a new term replaces the term legal and other requirements)****Greater emphasis on determining risk profile** |
| * 1. **Understanding the Organization and its context**
 |
| **4.2 Understanding the Needs and Expectations of Interested Parties** |
| 4.1 General Requirements | 4.3 Determining the Scope of the Quality Management System | Assessment of the organizations external and internal issues relevant to its purpose and affect its ability to achieve intended outcomes |
| 4.4 Environmental Management System |
|  |

|  |  |  |
| --- | --- | --- |
| **ISO 2004 Standard** | **ISO 2015 Standard** | **ISO Changes** |
|  | **5. Leadership** | **New Clause: Increased leadership commitment:*** **Taking accountability for the effectiveness of EMS**
* **Ensuring policy and objectives compatible with strategic direction of organization**
* **Integration of EMS into business practices**
* **Ensuring adequate resources**
* **Communicate importance of EMS**
 |
| 4.2 Environmental Policy | 5.2 Environmental Policy |  |
| 4.3 Planning | 6. Planning | 6.1 and 4.1 cover the intent of preventative action. |
| **6.1 Actions to Address Risks and Opportunities** |
| 6.1.1 General |
| 4.3.1 Environmental Aspects | 6.1.2 Significant environmental aspects | **New Terminology: Compliance Obligations new term that replaces Legal and Other Requirements.** |
| **6.1.3 Determination of Compliance Obligations** |
| 4.3.2 Legal and Other Requirements | 6.1.4 Risks associated with **threats and opportunities** |  **New Terminology: Threats and opportunities** |
| 4.3.3 Objectives, Targets and Programme(s) | 6.2 Environmental Objectives and planning to achieve them.(Title) | **Not only are significant environmental aspects and compliance should be considered when setting objectives, but risk associated with threats and opportunities.**  |
| 6.2.1 Environmental objectives6.2.2 Planning actions to achieve environmental objectives |

|  |  |  |
| --- | --- | --- |
| **ISO 2004 Standard** | **ISO 2015 Standard** | **ISO Changes** |
| 4.4 Implementation and Operation (Title) | 7. Support (Title) |  |
|  |
| 4.4.1 Resources, Roles, Responsibility and Authority | 7.1 Resources |  |
| 5.3 Organizational Roles, Responsibilities and Authorities |
| 5.1 Leadership and Commitment |
| 4.4.2 Competence, Training and Awareness | 7.2 Competence | **Competency of persons who can affect environmental performance it given a new sub-clause. (7.2)** |
| 7.3 Awareness |
| 4.4.3 Communication | 7.4 Communication  |  |
| 7.4.1 General |
| 7.4.2 Internal Communication |
| 7.4.3 External Communication and Reporting |
| 4.4.4 Documentation | 7.5 Documented Information (Title) |  |
| 7.5.1 General |
| 4.4.5 Control of Documentation4.5.4 Control of records | 7.5.2 Creating and Updating |  |
| 7.5.3 Control of Documented information |

|  |  |  |
| --- | --- | --- |
| **ISO 2004 Standard** | **ISO 2015 Standard** | **ISO Changes** |
| 4.4.6 Operational Control | 8.1 Operational Planning and Control | **Life Cycle Perspective when identifying aspects. Address life cycle thinking and incorporate identification and evaluation of environmental aspects related to products and services more clearly. This does not require a Life cycle assessment (LCA) to be conducted.**  |
| 4.4.7 Emergency Preparedness and Response | 8.2 Emergency Preparedness and Response |  |
| 4.5 Checking (Title) | 9. Performance Evaluation (Title) |  |
| 4.5.1 Monitoring and Measurement | 9.1 Monitoring, Measurement, Analysis, and Evaluation (Title) |  |
| 9.1.1 General |
| 4.5.2 Evaluation of Compliance | 9.1.2 Evaluation of Compliance |  |
| 4.5.3 Nonconformity, Corrective Action and Preventive Action | 10.1 Nonconformity and Corrective Action |  |
| 4.5.4 Control of Records | 7.5.3 control of Documented Information |  |
| 4.5.5 Internal Audit | 9.2 Internal Audit |  |
| 4.6 Management Review | 9.3 Management Review |  |
| 10.0 Improvement (Title) |