**Example of a Certification project plan ISO 19443 version 2018**

**« Setting up a NSMS»**

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| N° | Step | Conditions, details | Clauses and sub-clauses of ISO 19443 | Investment,  H (human)  M (material)  F (financial), duration in days | Responsible |
| 1 | Determine issues and project purpose | The strategic direction is established, top management demonstrates leadership, the project purpose is established | 0.1; 5.1 | H, 15 | Top management |
| 2 | Determine stakeholders | Identification of needs and expectations of stakeholders, rank stakeholders by priority, choose a certification body | 4.2 | H, F, 20 | Top management |
| 3 | Determine the context of the company | Definition of internal and external issues, scope and limits of the NSMS, process approach, external aid research | 0.1; 4.1 | H, F, 15 | Top management |
| 4 | Determine applicable statutory and regulatory requirements | Answers from state and local organizations | 4.2 | H, 15 | Top management |
| 5 | Determine the consequences of the project on the operation of the company | Overall project cost analysis and its influence on the strategic direction, anticipate the fear of change, explain to personnel and make them aware | 0.1; 6.3; 7.3; 8.5.6 | H, 10 | Top management |
| 6 | Plan the project | Top management defines objectives and deadlines, which the project leader will report each week | 4 | H, 5 | Top management, project leader |
| 7 | Provide the necessary resources | Top management plans necessary financial resources and competent and dedicated personnel, provide financial margin, if necessary, adjustment of the budget | 7.1.2; 7.1.3; 7.1.4 | H, M, F, 5 | Top management |
| 8 | Assign roles and responsibilities | Top management assigns roles and responsibilities to members of the project, internal and external communication | 5.3 | H, 5 | Top management |
| 9 | Determine the risks | Risks are identified related to statutory and regulatory requirements, to issues and stakeholders | 6.1 | H, 15 | Top management, project leader, members of the project |
| 10 | Realize a state of play, a regulatory watch | Analysis of existing quality practices, of lessons learned, of knowledge and “in-house” experiences, search and update all applicable statutory and regulatory requirements | 4.2; 5.1.2; 7.1.6; 8.2.2; 8.2.3; 8.4.2; 8.5.5 | H, F, 10 | Project leader, consultant |
| 11 | Establish a quality policy | Check that the policy is appropriate to the purpose and context of the company, is consistent with the strategic direction and ISO 19443 | 5.2 | H, 5 | Top management |
| 12 | Set objectives | Establish objectives, indicators, action plans to achieve objectives | 6.2 | H, 10 | Project leader, members of the project |
| 13 | Determine the necessary competence, make personnel aware | Implement the training program, action plan to make aware personnel and stakeholders, nuclear safety specificities | 7.2; 7.3 | H, 35 | Project leader, process owners, trainer |
| 14 | Review contract | Evaluate internal capability, statutory, regulatory and customer requirements, changes to requirements | 8.2.2; 8.2.3; 8.2.4 | H, 10 | Top management, project leader |
| 15 | Control purchasing | Ensure conformity of processes, products and services provided by external providers, communicate appropriate information | 8.1; 8.4 | H, 15 | Project leaders |
| 16 | Apply instructions | Establish and monitor quality instructions at workstations, inspection, test | 7.5; 8.5.1; 8.6 | H, 10 | Project leader, members of the project, process owners |
| 17 | Establish communication | Establish a procedure for internal and external communication | 7.4; 8.2.1 | H, 10 | Project leader, members of the project |
| 18 | Create and control documentation | Establish a procedure for creating, updating and control of documentation, including that of external origin | 7.5 | H, 35 | Project leader, members of the project, process owners |
| 19 | Control operational activities | Establish the necessary processes to meet the requirements of the NSMS, identification and traceability, external property, preservation, delivery | 8.1; 8.5.1; 8.5.2; 8.5.3; 8.5.4; 8.5.5 | H, 30 | Project leader, members of the project, process owners |
| 20 | Design and develop new products | Carry out risks analyses, review, prepare the industrialization | 8.3 | H, M, 30 | Members of the project |
| 21 | Evaluate the performance | Performance indicators, monitoring, measurement, calibrated equipment, customer satisfaction, analysis of data | 7.1.5; 9.1; 9.1.2; 9.1.3 | H, M, 10 | Project leader, members of the project |
| 22 | Audit the NSMS | Audit program, training of auditors, conduct audits of the NSMS and processes | 9.2 | H, 35 | Project leader, auditors |
| 23 | Conduct management review | Preparation, inputs, outputs (conclusions, decisions) | 9.3 | H, 5 | Top management, heads of departments, project leader |
| 24 | Treat nonconformities | Action plan, corrective actions, follow-up of actions | 8.7; 10.2 | H, 10 | Project leader, members of the project |
| 25 | Conduct a pre-audit | Review the implementation and compliance with all requirements of the standard, remove all gaps found, seize improvement opportunities | 4 to 10 | H, F, 5 | Project leader, members of the project, consultant |
| 26 | Conduct the certification audit | Support and answer to the representative of the certification body. Remove gaps | 4 to 10 | H, F, 3 | Certification body, top management, project leader |