



**Asia-Pacific  
Economic Cooperation**

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**2018/SCSC/WKSP1/013c**

Session: Panel 3

**Annex C – Career Path/Map Cases: Standards  
Professionals Working for Standards Specialty  
Organizations**

Submitted by: Korea



**APEC-IEC-ISO Joint Workshop on  
Developing Competence Requirements  
and Career Path for Standards  
Professionals  
Singapore  
23-24 January 2018**

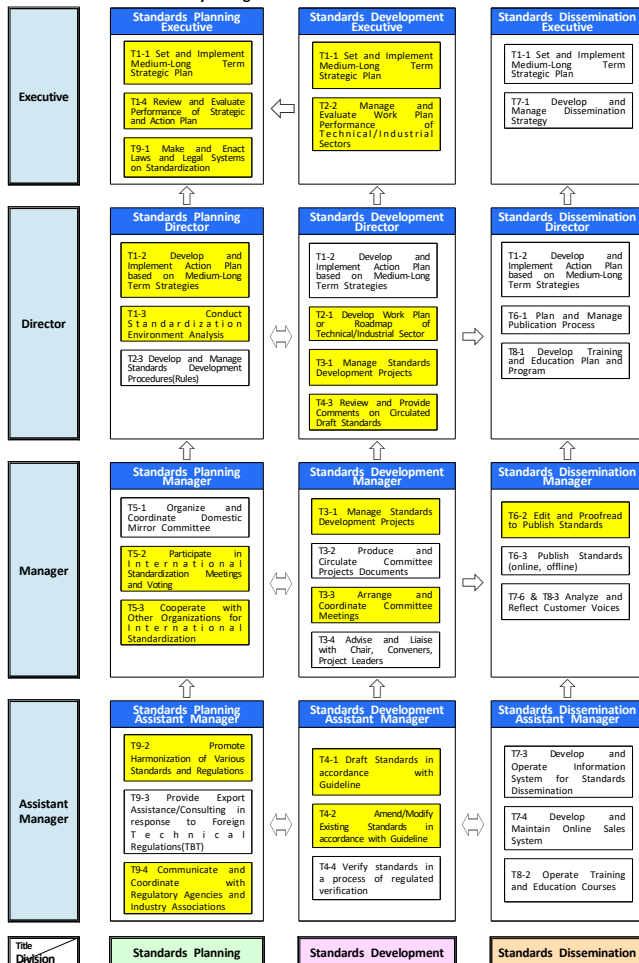
## II. Career Path/Map Cases

### - Standards Professionals Working for Standards Specialty Organizations

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[CASE 1]	Executive Level	Standards Planning/Development	SSO
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#### 1. Individual Career Path Story-telling



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**1.1 (Personal Tasks for SSO) Assistant Manager Level (1-7 years)**

Division	Sub-task	Details (or examples) of task
Standards Planning	T9-2 Promote Harmonization of Various Standards and Regulations	<ul style="list-style-type: none"> <li>● I selected international standards to conform to in the education field.</li> <li>● I selected international standards to conform to in the e-publishing field.</li> </ul>
	T9-4 Communicate and Coordinate with Regulatory Agencies and Industry Associations	<ul style="list-style-type: none"> <li>● I shared information on the demand for standardization and the trends in the educational industry.</li> <li>● I identified planning trends in R&amp;D projects of the education field, and provided cooperation for linking them to standardization.</li> </ul>
Standards Development	T4-1 Draft Standards in accordance with Guideline	<ul style="list-style-type: none"> <li>● Create and modify standards drafts in accordance with the national standard (KS A 0001).</li> <li>● I established rules on preparing group standards; and created and proofread standards drafts.</li> </ul>
	T4-2 Amend/Modify Existing Standards in accordance with Guideline	<ul style="list-style-type: none"> <li>● Amend standards at specified intervals for standards review.</li> <li>● Amend standards in accordance with demand of original proposers or utilizing groups.</li> </ul>

**1.2 (Personal Tasks for SSO) Manager Level (7-15 years)**

Division	Sub-task	Details of Sub-tasks Carried out in Person
Standards Planning	T5-2 Participate in International Standardization Meetings and Voting	<ul style="list-style-type: none"> <li>● I participated in international standardization meetings of JTC1/SC36 and SC34, and analyzed trends.</li> <li>● Participate in votings on international standards, and notify the results to domestic specialized committees.</li> </ul>
	T5-3 Cooperate with Other Organizations for International Standardization	<ul style="list-style-type: none"> <li>● Acquire membership and participate in de facto standardization bodies/institutions.</li> <li>● Provide cooperation and strategic cooperation between official standardization institutions and de facto standardization institutions.</li> <li>* Bottom-up strategies for de facto standardization, and top-down strategies for official standardization.</li> </ul>
Standards Development	T3-1 Manage Standards Development Projects	<ul style="list-style-type: none"> <li>● Manage standardization projects in accordance with development schedule.</li> <li>● Conduct risk management including adjustment of schedule and redistribution of available resources.</li> </ul>
	T3-3 Arrange and Coordinate Committee Meetings	<ul style="list-style-type: none"> <li>● (by chairperson) Preside over committee meetings and coordinate opinions.</li> <li>● Manage tracking logs on issues.</li> </ul>
Standards Dissemination	T6-2 Edit and Proofread to Publish Standards	<ul style="list-style-type: none"> <li>● Edit and proofread standards in accordance with the Rules on Standards Development.</li> <li>* I played this role as a proxy because the relevant staff was not available at the initial stage when the institution was designated as a standards development cooperation institution.</li> </ul>

**1.3 (Personal Tasks for SSO) Director Level (15-25 years)**

Division	Sub-task	Details of Sub-tasks Carried out in Person
Standards Planning	T1-2 Develop and Implement Action Plan based on Medium-Long Term Strategies	<ul style="list-style-type: none"> <li>● I conducted the SWOT analysis, and prepared a standardization strategic map in the education and e-publishing fields.</li> <li>● Reflect the contents of the standardization strategic map to the mid-term business plans of the institution.</li> </ul>
	T1-3 Conduct Standardization Environment Analysis	<ul style="list-style-type: none"> <li>● Analyze environments for the development and adoption of new technologies (environmental scanning).</li> <li>● Analyze detailed trends in the industries, technologies, standards, and policies of the relevant fields.</li> </ul>

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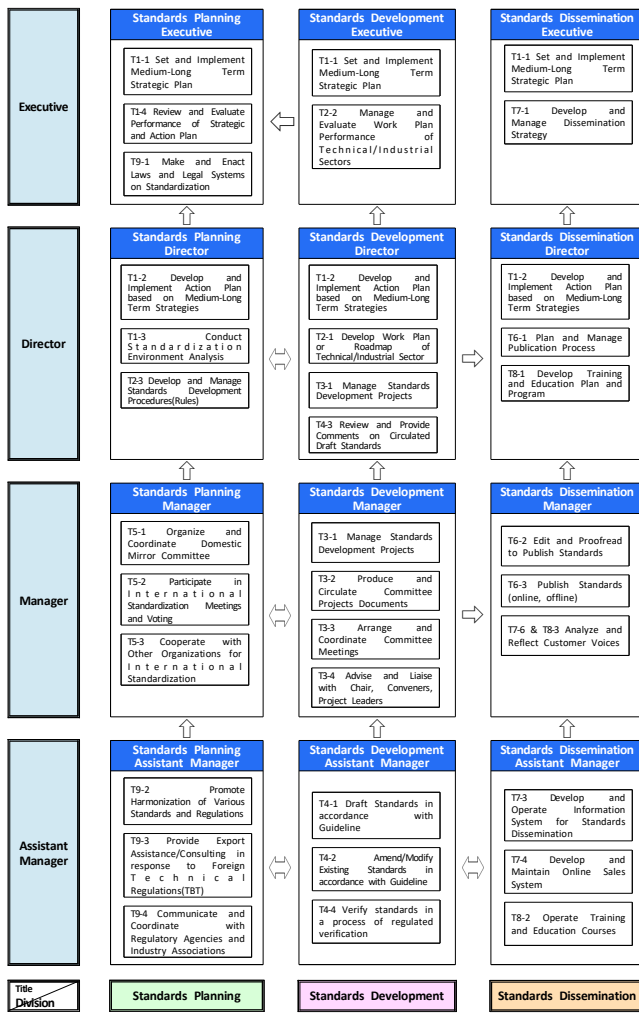
Standards Development	T2-1 Develop Work Plan or Roadmap of Technical/Industrial Sector	<ul style="list-style-type: none"> <li>● Reflect the contents of standardization road map to the industrial technology road map.</li> <li>* I created a framework while working as a national standards coordinator in the smart-media field.</li> <li>● Determine the timing for the implementation of standardization based on the industrial technology road map.</li> </ul>
	T3-1 Manage Standards Development Projects	<ul style="list-style-type: none"> <li>● Manage standardization projects in accordance with development schedule.</li> <li>● Conduct risk management including adjustment of schedule and redistribution of available resources.</li> </ul>
	T4-3 Review and Provide Comments on Circulated Draft Standards	<ul style="list-style-type: none"> <li>● Review whether review opinions have been reflected to circulated standards drafts, and determine whether to make further reviews.</li> <li>* I shared the background knowledge and issues that I had acquired while supervising over domestic/international standardization activities to the members of the specialized committees, and requested for further reviews.</li> </ul>

**1.4 (Personal Tasks for SSO) Executive Level (over 25 years)**

Division	Sub-task	Details of Sub-tasks Carried out in Person
Standards Planning	T1-1 Set and Implement Medium-Long Term Strategic Plan	<ul style="list-style-type: none"> <li>● I presented a direction of establishing the education/e-publishing standardization road map in accordance with changes in policies and environments.</li> <li>● I presented a plan for assessing and improving the education/e-publishing standardization strategic map.</li> <li>* I played this role as a proxy because no executive for standardization was available in the institution.</li> </ul>
	T1-4 Review and Evaluate Performance of Strategic and Action Plan	<ul style="list-style-type: none"> <li>● Determine the significance of the results of trend analysis, and necessity for further investigation.</li> <li>● Analyze the implementation performance of the standardization strategic plans, and the causes of any unsatisfactory performance.</li> <li>* I played this role as a proxy because no executive for standardization was available in the institution.</li> </ul>
	T9-1 Make and Enact Laws and Legal Systems on Standardization	<ul style="list-style-type: none"> <li>● Make efforts to reflect the standardization contents to legislation and systems in the relevant fields.</li> <li>● I established standardization policies in collaboration and cooperation with the Ministry of Education, and the Ministry of Industry.</li> <li>* I played this role as a proxy because no executive for standardization was available in the institution.</li> </ul>
Standards Development	T1-1 Set and Implement Medium-Long Term Strategic Plan	<ul style="list-style-type: none"> <li>● Present a direction of establishing the standardization road map in accordance with changes in industries and technologies.</li> <li>● Present plans for assessing and improving the standardization road map.</li> <li>* I played this role as a proxy because no executive for standardization was available in the institution.</li> </ul>
	T2-2 Manage and Evaluate Work Plan Performance of Technical/Industrial Sectors	<ul style="list-style-type: none"> <li>● Determine the significance of the standardization road map, and necessity for making supplementary actions.</li> <li>● Analyze the implementation performance of the standardization road map, and the causes of any unsatisfactory performance.</li> <li>* I played this role as a proxy because no executive for standardization was available in the institution.</li> </ul>

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2. Standardization Tasks of SSO



2.1 (General Tasks for SSO) Assistant Manager Level (1-7 years)

Division	Sub-task	Details (or examples) of sub-tasks
Standards Planning	T9-2 Promote Harmonization of Various Standards and Regulations	<ul style="list-style-type: none"> <li>Select international standards to conform to in the applicable fields.</li> <li>* Review both official standards and de facto standards.</li> <li>Identify details of new and amended regulations for selecting which to conform to.</li> </ul>
	T9-3 Provide Export Assistance/Consulting in response to Foreign Technical Regulations(TBT)	<ul style="list-style-type: none"> <li>Understand and provide advice on the characteristics of policies and systems of the relevant countries.</li> <li>Provide advice on the relevant international standards or de facto standards for export support.</li> </ul>
	T9-4 Communicate and Coordinate with Regulatory Agencies and Industry Associations	<ul style="list-style-type: none"> <li>Share information on the industrial demand for standardization and on industrial trends.</li> <li>Identify planning trends in R&amp;D projects of the relevant fields, and provide cooperation for linking them to standardization.</li> </ul>
Standards Development	T4-1 Draft Standards in accordance with Guideline	<ul style="list-style-type: none"> <li>Create and modify standards drafts in accordance with the national standard (KS A 0001).</li> <li>Create and modify standards drafts in accordance with the de facto rules on standards preparation.</li> </ul>
	T4-2 Amend/Modify Existing Standards in accordance with Guideline	<ul style="list-style-type: none"> <li>Amend standards at specified intervals for standards review.</li> <li>Amend standards in accordance with demand of original proposers or utilizing groups.</li> </ul>
	T4-4 Verify standards in a process of regulated verification	<ul style="list-style-type: none"> <li>Form expert groups for verifying details of prepared standards drafts.</li> <li>Hold public hearings or workshops for gathering opinions.</li> </ul>
Standards Dissemination	T7-3 Develop and Operate Information System for Standards Dissemination	<ul style="list-style-type: none"> <li>Develop and operate an on-line service for viewing of original texts of standards.</li> <li>Develop and disseminate tools for facilitating standards utilization.</li> </ul>
	T7-4 Develop and Maintain Online Sales System	<ul style="list-style-type: none"> <li>Compile technical trends and publish standardization strategic maps for promoting standards utilization.</li> <li>Hold on-line forums for encouraging participation of standardization stakeholders.</li> </ul>
	T8-2 Operate Training and Education Courses	<ul style="list-style-type: none"> <li>Hold seminars for introducing standards and giving guidelines on standards utilization.</li> <li>Hold standardization sessions during conferences for sharing technical and industrial trends.</li> </ul>

2.2 (General Tasks for SSO) Manager Level (7-15 years)

Division	Sub-task	Details (or examples) of sub-tasks
Standards Planning	T5-1 Organize and Coordinate Domestic Mirror Committee	<ul style="list-style-type: none"> <li>Form and operate specialized committees on the relevant fields.</li> <li>Collect and coordinate opinions of domestic stakeholders (secretary)</li> </ul>
	T5-2 Participate in International Standardization Meetings and Voting	<ul style="list-style-type: none"> <li>Participate in international standardization meetings on the relevant fields, and analyze trends.</li> <li>Participate in votings on international standards, and notify the results to domestic specialized committees.</li> </ul>
	T5-3 Cooperate with Other Organizations for International Standardization	<ul style="list-style-type: none"> <li>Acquire membership and participate in de facto standardization bodies/institutions.</li> <li>Provide cooperation and strategic cooperation between official standardization institutions and de facto standardization institutions.</li> </ul>

Standards Development	T3-1 Manage Standards Development Projects	<ul style="list-style-type: none"> <li>Manage standardization projects in accordance with development schedule.</li> <li>Conduct risk management including adjustment of schedule and redistribution of available resources.</li> </ul>
	T3-2 Produce and Circulate Committee Documents	<ul style="list-style-type: none"> <li>Create documents through operating working groups under the committees.</li> <li>Receive, collect, and circulate review opinions on projects of the committees.</li> </ul>
	T3-3 Arrange and Coordinate Committee Meetings	<ul style="list-style-type: none"> <li>(by chairperson) Preside over committee meetings and coordinate opinions.</li> <li>Manage tracking logs on issues.</li> </ul>
	T3-4 Advise and Liaise with Chair, Conveners, Project Leaders	<ul style="list-style-type: none"> <li>Provide advice and work support for the chairpersons, conveners, and leaders.</li> <li>Interpret the Rules on Standards Development (Work Instruction, Parts 1 and 2).</li> </ul>
Standards Dissemination	T6-2 Edit and Proofread to Publish Standards	<ul style="list-style-type: none"> <li>Edit and proofread standards in accordance with the Rules on Standards Development.</li> </ul>
	T6-3 Publish Standards (online, offline)	<ul style="list-style-type: none"> <li>Publish and promote standards on/off-line (promotional activities).</li> </ul>
	T7-6 & T8-3 Analyze and Reflect Customer Voices	<ul style="list-style-type: none"> <li>Collect and analyze customers' complaints about and proposals on standards utilization.</li> <li>Collect and analyze customers' assessment/recognition of, and proposals on standards dissemination activities.</li> </ul>

### 2.3 (General Tasks for SSO) Director Level (15-25 years)

Division	Sub-task	Details (or examples) of sub-tasks
Standards Planning	T1-2 Develop and Implement Action Plan based on Medium-Long Term Strategies	<ul style="list-style-type: none"> <li>Conduct the SWOT analysis, and prepare a standardization strategic map.</li> <li>Reflect the contents of the standardization strategic map to the mid-term business plans of the institution.</li> </ul>
	T1-3 Conduct Standardization Environment Analysis	<ul style="list-style-type: none"> <li>Analyze environments for the development and adoption of new technologies (environmental scanning).</li> <li>Analyze detailed trends in the industries, technologies, standards, and policies of the relevant fields.</li> </ul>
	T2-3 Develop and Manage Standards Development Procedures(Rules)	<ul style="list-style-type: none"> <li>Review necessity for amending guidelines of the ISO.</li> <li>Review necessity for amending guidelines on the development of national standards and group standards.</li> </ul>
Standards Development	1-2 Develop and Implement Action Plan based on Medium-Long Term Strategies	<ul style="list-style-type: none"> <li>Prepare a standardization road map based on the standardization strategic map.</li> <li>Reflect the contents of the standardization strategic map to the business action plans of the institution.</li> </ul>
	T2-1 Develop Work Plan or Roadmap of Technical/Industrial Sector	<ul style="list-style-type: none"> <li>Reflect the contents of standardization road map to the industrial technology road map.</li> <li>Determine the timing for the implementation of standardization based on the industrial technology road map.</li> </ul>
	T3-1 Manage Standards Development Projects	<ul style="list-style-type: none"> <li>Manage standardization projects in accordance with development schedule.</li> <li>Conduct risk management including adjustment of schedule and redistribution of available resources.</li> </ul>
	T4-3 Review and Provide Comments on Circulated Draft Standards	<ul style="list-style-type: none"> <li>Review whether review opinions have been reflected to circulated standards drafts, and determine whether to make further reviews.</li> </ul>
Standards Dissemination	1-2 Develop and Implement Action Plan based on Medium-Long Term Strategies	<ul style="list-style-type: none"> <li>Establish dissemination/promotion strategies based on the standardization strategic map and the road map.</li> <li>Reflect the contents of the standardization dissemination/promotion strategies to the business action plans of the institution.</li> </ul>
	T6-1 Plan and Manage Publication Process	<ul style="list-style-type: none"> <li>Improve the efficiency of the standards publishing processes, and establish a plan for managing the processes in a cost-effective manner.</li> </ul>
	T8-1 Develop Training and Education Plan and Program	<ul style="list-style-type: none"> <li>Devis influential linkage events, and plan for joint-held programs.</li> <li>Assess the achievements of education/training programs, and establish improvement plans.</li> </ul>

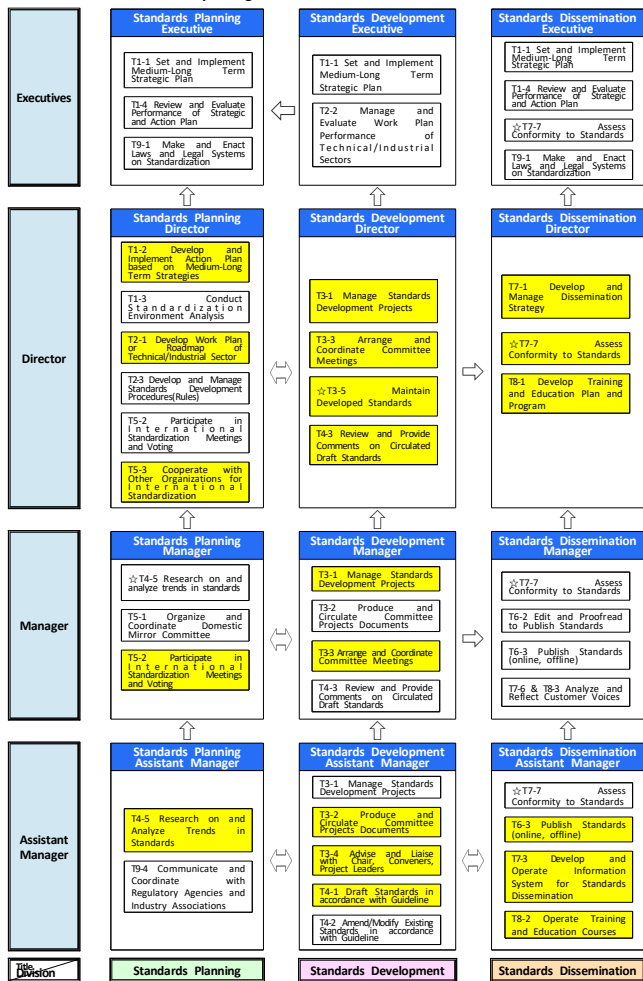
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### 2.4 (General Tasks for SSO) Executive Level (over 25 years)

Division	Sub-task	Details (or examples) of sub-tasks
Standards Planning	T1-1 Set and Implement Medium-Long Term Strategic Plan	<ul style="list-style-type: none"> <li>Present a direction of establishing standardization strategies in accordance with changes in policies and environments.</li> <li>Present plans for assessing and improving the standardization strategic map.</li> </ul>
	T1-4 Review and Evaluate Performance of Strategic and Action Plan	<ul style="list-style-type: none"> <li>Determine the significance of the results of trend analysis, and necessity for further investigation.</li> <li>Analyze the implementation performance of the standardization strategic plans, and the causes of any unsatisfactory performance.</li> </ul>
	T9-1 Make and Enact Laws and Legal Systems on Standardization	<ul style="list-style-type: none"> <li>Make efforts to reflect the standardization contents to legislation and systems in the relevant fields.</li> <li>Reflect the standardization policies through asking for collaboration and cooperation of the relevant government agencies.</li> </ul>
Standards Development	T1-1 Set and Implement Medium-Long Term Strategic Plan	<ul style="list-style-type: none"> <li>Present a direction of establishing the standardization road map in accordance with changes in industries and technologies.</li> <li>Present plans for assessing and improving the standardization road map.</li> </ul>
	T2-2 Manage and Evaluate Work Plan Performance of Technical/Industrial Sectors	<ul style="list-style-type: none"> <li>Determine the significance of the standardization road map, and necessity for making supplementary actions.</li> <li>Analyze the implementation performance of the standardization road map, and the causes of any unsatisfactory performance.</li> </ul>
Standards Dissemination	T1-1 Set and Implement Medium-Long Term Strategic Plan	<ul style="list-style-type: none"> <li>Present a direction of establishing standardization dissemination strategies based on the standardization strategic map and the road map.</li> <li>Present plans for analyzing and improving the status of standardization dissemination.</li> </ul>
	T7-1 Develop and Manage Dissemination Strategy	<ul style="list-style-type: none"> <li>Reflect consumers' complaints and opinions on standards utilization to strategies.</li> <li>Develop and review standardization dissemination strategies from the viewpoint of consumer complaint solution and consumer enlightenment.</li> </ul>

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1. Individual Career Path Story-telling



1.1 (Personal Tasks for SSO) Assistant Manager Level (1-7 years)

Division	Sub-task	Details of Sub-tasks Carried out in Person
Standards Planning	☆T4-5 Research on and analyze trends in standards.	<ul style="list-style-type: none"> <li>I researched on trends in the ISO/KS/TTA standardization in the ITS field, and prepared internal reports on the monthly basis.</li> <li>I researched on trends in standard of the ISO and national standards (SAE, IEEE), and prepared reports on the annual basis.</li> </ul>
Standards Development	(Turning Point)	<ul style="list-style-type: none"> <li>I formed the Standards General Assembly, which is the institution that establishes group standards in the ITS field under the association.</li> <li>The body was designated as the standardization specialized institution for the ITS field under the association.</li> </ul>
	T3-2 Produce and Circulate Committee Projects Documents	<ul style="list-style-type: none"> <li>[Group standard] Draft documents for committee meetings (identification of standards development status, etc.).</li> <li>I prepared and distributed minutes for the major business teams and group standards committees.</li> </ul>
	T3-4 Advise and Liaise with Chair, Conveners, Project Leaders	<ul style="list-style-type: none"> <li>Notify committee members of meetings and collect documentary decisions.</li> <li>[National standard] Notify committee members of voting schedule, encourage voting, and collect letters of opinion.</li> </ul>
	T4-1 Draft Standards in accordance with Guideline	<ul style="list-style-type: none"> <li>Create standards drafts in accordance with the rules provided by standards enactment institutions.</li> </ul>
Standards Dissemination	(Turning Point)	<ul style="list-style-type: none"> <li>I created the first technical criteria (draft) for the ITS field, and proposed enactment.</li> <li>※ It was the technical criteria for basic traffic information exchange (center to center). For the information exchange protocol, KS standards should apply, so that the technical criteria for the ITS field might be linked with the KS in terms of standardization.</li> </ul>
	T6-3 Publish Standards (online, offline)	<ul style="list-style-type: none"> <li>I published enacted/amended group standards (registration numbering, book publishing, and distribution).</li> <li>I published Standard ITS (biannual), which is a journal relating to ITS standards.</li> </ul>
	T7-3 Develop and Operate Information System for Standards Dissemination	<ul style="list-style-type: none"> <li>I developed ITS standards registration station, and operated/managed related contents.</li> </ul>
	T8-2 Operate Training and Education Courses	<ul style="list-style-type: none"> <li>I operated education/training courses on standardization.</li> </ul>

1.2 (Personal Tasks for SSO) Manager Level (7-15 years)

Division	Sub-task	Details of Sub-tasks Carried out in Person
Standards Planning	(Turning Point)	<ul style="list-style-type: none"> <li>● I participated in international standardization meetings as an ISO/TC 204 WG 8 expert.</li> <li>※ I participated in international standardization meetings for presenting opinions of our nation, and making domestic technologies reflected to standards documents.</li> </ul>
	T5-2 Participate in International Standardization Meetings and Voting	<ul style="list-style-type: none"> <li>● I analyzed trends in the WGs under ISO/TC 204 for which the handling responsibilities were designated to the Ministry of Land, Infrastructure, and Transport, and voted on issues through domestic mirror groups.(WG 1,5,8,9,10,18)</li> </ul>
Standards Development	(Turning Point)	<ul style="list-style-type: none"> <li>● The association was designated as the COSD institution in the ITS field.</li> <li>● I was designated as a member of the Traffic Information Special Committee.</li> </ul>
	T3-1 Manage Standards Development Projects (Committee Work Program)	<ul style="list-style-type: none"> <li>● I carried out business in the ITS standardization specialized institution acting as a proxy (for the Ministry of Land, Infrastructure, and Transport).</li> </ul>
	T3-3 Arrange and Coordinate Committee Meetings	<ul style="list-style-type: none"> <li>● [Group standard] As the secretary to the Standards General Assembly, I operated it, coordinated technical issues, and held meetings.</li> </ul>

1.3 (Personal Tasks for SSO) Director Level (15-25 years)

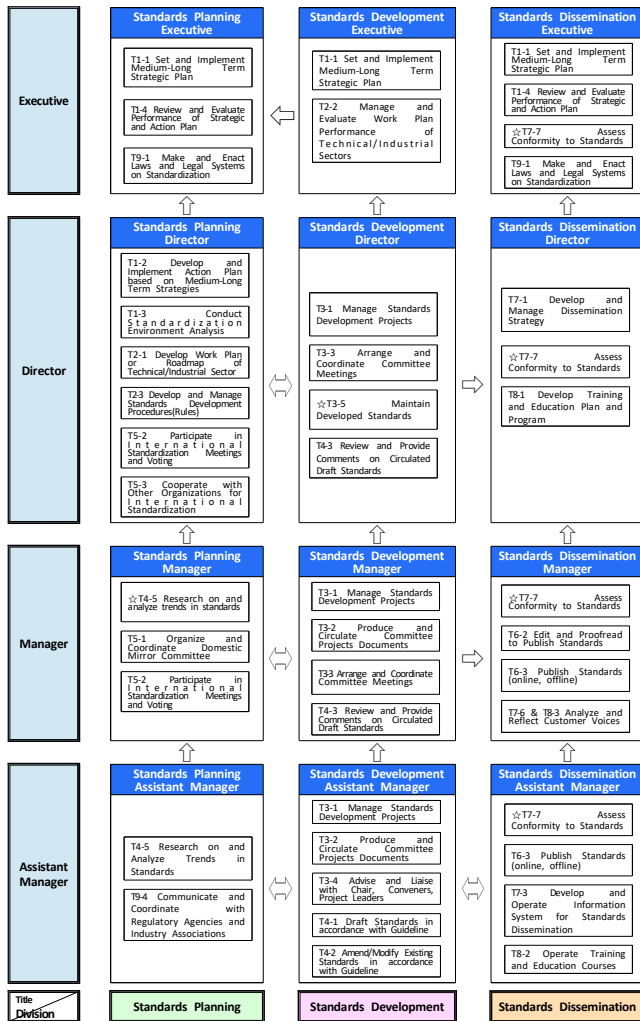
Division	Sub-task	Details of Sub-tasks Carried out in Person
Standards Planning	T1-2 Set and Implement Medium-Long Term Strategic Plan	<ul style="list-style-type: none"> <li>● I reported actions plans for ITS standardization to the Ministry of Land, Infrastructure, and Transport on the annual basis.</li> <li>● I reflected achievements and performance assessment results of the previous year to department assessment.</li> </ul>
	T2-1 Develop Work Plan or Roadmap of Technical/Industrial Sector	<ul style="list-style-type: none"> <li>● I took partial participation in ITS standardization for developing road maps for smart cities, autonomous vehicles, etc.</li> </ul>
	T5-3 Cooperate with Other Organizations for International Standardization	<ul style="list-style-type: none"> <li>● Plan for and propose standardization items for making national standards adopted as international standards.</li> <li>※ I propose that domestic technologies should be adopted as international standards. The proposal is under review now. I am implementing this project under the budget support from the Ministry of Land, Infrastructure, and Transport.</li> </ul>
Standards Development	T3-1 Manage Standards Development Projects (Committee Work Program)	<ul style="list-style-type: none"> <li>● I controlled schedule for overall projects relating to standards development, testing, etc.</li> <li>● Make internal/external response to occurrences of issues.</li> </ul>
	T3-3 Arrange and Coordinate Committee Meetings	<ul style="list-style-type: none"> <li>● [Group standard] Act as the general secretary to the group standards institution (ex officio position within the association).</li> </ul>
	☆T3-5 Maintain Developed Standards	<ul style="list-style-type: none"> <li>● For standards which reach expiration period, review their technical and contemporary adequacy, and make internal decision on maintenance/abolition/amendment.</li> </ul>
	T4-3 Review and Provide Comments on Circulated Draft Standards	<ul style="list-style-type: none"> <li>● [National standard] I participated in the Traffic Information Special Committee, and presented opinions.</li> <li>● Review collected opinions, and reflect them to amendments, as necessary.</li> </ul>
Standards Dissemination	(Turning Point)	<ul style="list-style-type: none"> <li>● I had dealt with standards planning/development work and was assigned to testing/assessment work during a reorganization.</li> <li>※ Many of the tests conducted by my association are completion and BMT tests for the Korea Expressway Corporation when it adopts ITS equipment and facilities. Therefore, test methods are registered as ITS group standards of the association, and conformity of test subjects to the standards is tested. Then, the Korea Expressway Corporation determines technical force based on</li> </ul>

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		<p>the test reports.. While I deal with standards testing/assessment work, I mastered all the activities relating to standards planning, development, and testing/certification. Based on it, I am now operating 3 departments (standards planning, development, and testing/certification) in an integrated manner.</p>
	T7-1 Develop and Manage Dissemination Strategy	<ul style="list-style-type: none"> <li>● Compile requirements necessary for standards dissemination, and request higher institutions for assistance.</li> <li>● Identify items to be assisted for dissemination, and seek for strategic assistance.</li> </ul>
	☆T7-7 Assess Conformity to Standards	<ul style="list-style-type: none"> <li>● Supervise the overall work.</li> </ul>
	T8-1 Develop Training and Education Plan and Program	<ul style="list-style-type: none"> <li>● Supervise the overall work.</li> <li>● Participate in education/training programs, and find improvement points of lectures/programs.</li> <li>● Provide lectures upon request from other institutions.</li> <li>※ I have recently been flooded with requests from developing countries for lecturing on ITS standardization (invitational training in Korea, etc.)</li> </ul>

1.4 (Personal Tasks for SSO) Executive Level (over 25 years): Not Applicable

2. Standardization Tasks of SSO



\* The ☆ mark indicates additional sub-task. It includes those relating to group standards, national standards, and international standards. Jobs relating to only specific fields are indicated by [ ].

2.1 (General Tasks for SSO) Assistant Level (1-7 years)

Division	Sub-task	Details (or examples) of sub-tasks
Standards Planning	☆T4-5 Research on and Analyze Trends in Standards	<ul style="list-style-type: none"> <li>Research on major issues relating to domestic/international standards institutions.</li> <li>Research on documents and enactment/amendment status relating to international standards (ISO) and the relevant group standards (SAE, IEEE, etc.).</li> <li>Research on enactment/amendment trends in the relevant fields (collect, summarize, and compare).</li> </ul>
	T9-4 Communicate and Coordinate with Regulatory Agencies and Industry Associations	<ul style="list-style-type: none"> <li>Conduct survey on demands for standardization (prepare survey questionnaires, communicate with respondents, and collect survey questionnaires).</li> <li>Research on requirements from the relevant industries, and prepare demand survey reports.</li> </ul>
Standards Development	T3-1 Manage Standards Development Projects (Committee Work Program)	<ul style="list-style-type: none"> <li>[Group standard] Check on and manage status of standards development (working-level teams).</li> </ul>
	T3-2 Produce and Circulate Committee Projects Documents	<ul style="list-style-type: none"> <li>[Group standard] Draft documents for committee meetings (identification of standards development status, etc.).</li> <li>[National standard] Draft documents on status of standards under development and pending issues.</li> <li>Draft meeting minutes.</li> </ul>
	T3-4 Advise and Liaise with Chair, Conveners, Project Leaders	<ul style="list-style-type: none"> <li>Notify committee members of meetings and collect documentary decisions.</li> <li>[National standard] Notify committee members of voting schedule, encourage voting, and collect letters of opinion.</li> </ul>
	T4-1 Draft Standards in accordance with Guideline	<ul style="list-style-type: none"> <li>Create standards drafts in accordance with the rules provided by standards enactment institutions.</li> <li>Create amendment drafts when necessary due to changes in domestic circumstances (changes in technologies, testing methods, demands from purchasers, etc.).</li> </ul>
Standards Dissemination	T4-2 Amend/Modify Existing Standards in accordance with Guideline	<ul style="list-style-type: none"> <li>Review necessity for standards amendment, and create standard amendment drafts.</li> <li>[National standard] In the case of national standards to conform to international standards, create amendment drafts in accordance with amendments of the international standards.</li> </ul>
	T6-3 Publish Standards (online, offline)	<ul style="list-style-type: none"> <li>Publish enacted/amended standards (registration numbering, book publishing, and distribution).</li> </ul>
	☆T7-7 Assess conformity to standards	<ul style="list-style-type: none"> <li>Assess conformity of the relevant items to standards (preparation for testing, being knowledgeable of testing standards, coordination of schedule with test subject, etc.)</li> </ul>
	T7-3 Develop and Operate Information System for Standards Dissemination	<ul style="list-style-type: none"> <li>Operate information systems including system uploading of enacted/amended standards.</li> <li>Manage orders and service contracts concerning system improvement.</li> </ul>
Standards Dissemination	T8-2 Operate Training and Education Courses	<ul style="list-style-type: none"> <li>Operate education/training courses on standardization (preparation on training programs, training materials, notice of training, coordination of instructors, operation of lectures, monitoring, etc.).</li> </ul>



## 2.2 (General Tasks for SSO) Manager Level (7-15 years)

Division	Sub-task	Details (or examples) of sub-tasks
Standards Planning	☆T4-5 Research on and Analyze Trends in Standards	<ul style="list-style-type: none"> <li>Based on the results of trend research, prepare analysis reports on trends in standards of the relevant field.</li> </ul>
	T5-1 Organize and Coordinate Domestic Mirror Committee	<ul style="list-style-type: none"> <li>Form mirror committees for voting on international standards, and making national standards adopted as international standards.</li> <li>Hold regular meetings by standardization item (opinion-gathering on documents to be voted on, etc.)</li> </ul>
	T5-2 Participate in International Standardization Meetings and Voting	<ul style="list-style-type: none"> <li>Establish plans for national response to the TCs and WGs for which handling responsibilities have been designated.</li> <li>Coordinate directions of standardization planning through participating in meetings.</li> <li>Conduct planning for making national standards adopted as international standards.</li> </ul>
Standards Development	T3-1 Manage Standards Development Projects (Committee Work Program)	<ul style="list-style-type: none"> <li>Implement respective standardization tasks (take the role of field-work team leader or secretary).</li> <li>Implement standard-related national assistance projects and control processes (independent operation).</li> </ul>
	T3-2 Produce and Circulate Committee Documents	<ul style="list-style-type: none"> <li>Review prepared meeting documents and minutes, and make decision on whether to circulate them.</li> <li>Conduct review/reporting for circulating documents of the committees concerning the standardization tasks being implemented.</li> <li>Discuss opinions on major issues with the relevant institutions.</li> <li>Report results on the permanent basis (to executives and higher institutions).</li> </ul>
	T3-3 Arrange and Coordinate Committee Meetings	<ul style="list-style-type: none"> <li>Preside over meetings and coordinate any issues (deal with field business).</li> <li>Participate in international standardization meetings for presenting opinions (of our nation) and analyzing trends.</li> </ul>
	T4-3 Review and Provide Comments on Circulated Draft Standards	<ul style="list-style-type: none"> <li>[National standard/group standard] Prepare review result reports on opinions filed by committees/other institutions. Prepare opinion statements of the standardization institution.</li> <li>[International standard] Analyze opinions submitted by domestic mirror committees and experts, and prepare opinion statements of the nation.</li> </ul>
Standards Dissemination	☆T7-7 Assess Conformity to Standards	<ul style="list-style-type: none"> <li>Conduct technical assessment of the adequacy of developed standards, and prepare reports on assessment result.</li> <li>Conduct tests applicable to the items/standards, and prepare test reports.</li> <li>When an objection is received during a test, review it for making decision on whether to continue/stop the test, and report the result.</li> </ul>
	T6-2 Edit and Proofread to Publish Standards	<ul style="list-style-type: none"> <li>Correct and supplement errors in standards drafts in accordance with standards establishment rules and programs, and verify the final format.</li> </ul>
	T7-6 & T8-3 Analyze and Reflect Customer Voices	<ul style="list-style-type: none"> <li>Survey customers' needs through planning for surveys on demands for standards, full-time consulting, etc.</li> <li>Prepare annual result reports on survey results.</li> </ul>

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## 2.3 (General Tasks for SSO) Director Level (15-25 years)

Division	Sub-task	Details (or examples) of sub-tasks
Standards Planning	T1-2 Set and Implement Medium-Long Term Strategic Plan	<ul style="list-style-type: none"> <li>Establish annual implementation objectives and plans for the standards specialized institution in accordance with the standardization strategies of the nation.</li> <li>Report on the achievements and performance assessment results of the previous year.</li> <li>Supervise review and implementation of annual plans.</li> </ul>
	T1-3 Conduct Standardization Environment Analysis	<ul style="list-style-type: none"> <li>Analyze standards trends and environments of similar domestic/international institutions.</li> <li>Identify changes in requirements of test methods from industries or government agencies, and analyze changes in the circumstances of the relevant testing bodies.</li> </ul>
	T2-1 Develop Work Plan or Roadmap of Technical/Industrial Sector	<ul style="list-style-type: none"> <li>Contribute to development of standardization road maps of the relevant field upon request from external bodies (institutions/government agencies).</li> </ul>
	T2-3 Develop and Manage Standards Development Procedures(Rules)	<ul style="list-style-type: none"> <li>[Group standard] Enact/amend various rules including rules on the operation of group standards institutions based on field business operation.</li> <li>[National standard] Enact/amend internal rules necessary for the operation of the COSD institution.</li> <li>Prepare and manage manuals on test/assessment procedures.</li> </ul>
	T5-2 Participate in International Standardization Meetings and Voting	<ul style="list-style-type: none"> <li>Participate in the TCs and WGs for which handling responsibilities have been designated, and present opinions or vote on issues.</li> </ul>
	T5-3 Cooperate with Other Organizations for International Standardization	<ul style="list-style-type: none"> <li>Plan for and propose standardization items for making national standards adopted as international standards.</li> </ul>
Standards Development	T3-1 Manage Standards Development Projects (Committee Work Program)	<ul style="list-style-type: none"> <li>Control schedule for overall projects.</li> <li>Make internal/external response to occurrences of issues.</li> </ul>
	T3-3 Arrange and Coordinate Committee Meetings	<ul style="list-style-type: none"> <li>[Group standard] Act as the general secretary to the group standards institution (ex officio position within the association).</li> </ul>
	☆T3-5 Maintain Developed Standards	<ul style="list-style-type: none"> <li>For standards which reach expiration period, review their technical and contemporary adequacy, and make internal decision on maintenance/abolition/amendment.</li> </ul>
	T4-3 Review and Provide Comments on Circulated Draft Standards	<ul style="list-style-type: none"> <li>[National standard] Participate in specialized committees in the relevant field, and present opinions.</li> <li>Review collected opinions, and reflect them to amendments, as necessary.</li> </ul>
Standards Dissemination	T7-1 Develop and Manage Dissemination Strategy	<ul style="list-style-type: none"> <li>Compile requirements necessary for standards dissemination, and request higher institutions for assistance.</li> <li>Identify items to be assisted for dissemination, and seek for strategic assistance.</li> </ul>
	☆T7-7 Assess Conformity to Standards	<ul style="list-style-type: none"> <li>Supervise the overall work.</li> <li>Manage test/assessment personnel (maintenance of qualifications, capacity building, etc.)</li> <li>Manage technical manager and quality manager, and hold annual meetings for technical management reviews.</li> </ul>
	T8-1 Develop Training and Education Plan and Program	<ul style="list-style-type: none"> <li>Supervise the overall work.</li> <li>Participate in education/training programs, and find improvement points of lectures/programs.</li> <li>Provide lectures upon request from other institutions.</li> </ul>

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2.4 (General Tasks for SSO) Executive Level (over 25 years)

Division	Sub-task	Details (or examples) of sub-tasks
Standards Planning	T1-1 Set and Implement Medium-Long Term Strategic Plan	<ul style="list-style-type: none"> <li>Take responsibilities for overall standardization-related work.</li> </ul>
	T1-4 Review and Evaluate Performance of Strategic and Action Plan	<ul style="list-style-type: none"> <li>Review and assess implementation feasibility and performance of plans.</li> <li>Reflect performance to personnel/department assessment, as necessary.</li> <li>Identify difficulties of the implementation of standardization tasks, and give directions for improvement.</li> </ul>
	T9-1 Make and Enact Laws and Legal Systems on Standardization	<ul style="list-style-type: none"> <li>When a standards-related statute is to be amended, provide basic materials and business support for the preparation of the amendment draft.</li> <li>[Technical criteria] Provide assistance for preparation of regulatory impact analysis reports, etc.</li> </ul>
Standards Development	T1-1 Set and Implement Medium-Long Term Strategic Plan	<ul style="list-style-type: none"> <li>Establish assistance plans for the implementation standardization strategies, and discuss them with the relevant agencies.</li> </ul>
	T2-2 Manage and Evaluate Work Plan Performance of Technical/Industrial Sectors	<ul style="list-style-type: none"> <li>Make annual assessment of the performance of plans and strategies based on the results of action plans and management diagnostic reports.</li> <li>Assess departments in terms of implementation performance and capabilities.</li> </ul>
Standards Dissemination	T1-1 Set and Implement Medium-Long Term Strategic Plan	<ul style="list-style-type: none"> <li>Take responsibilities for overall work relating to standards dissemination (including testing/assessment).</li> </ul>
	T1-4 Review and Evaluate Performance of Strategic and Action Plan	<ul style="list-style-type: none"> <li>Review and assess implementation feasibility and performance of plans.</li> <li>Reflect performance to personnel/department assessment, as necessary.</li> <li>Identify difficulties of the implementation of testing/assessment, and give directions for improvement.</li> </ul>
	T7-7 Assess Conformity to Standards	<ul style="list-style-type: none"> <li>Review items subjected to technical management reviews.</li> </ul>
	T9-1 Make and Enact Laws and Legal Systems on Standardization	<ul style="list-style-type: none"> <li>When a statute relating to testing/assessment is to be amended, provide basic materials and business support for the preparation of the amendment draft.</li> </ul>

[CASE 3]	Director Level	Standards Planning / Development	SSO
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1. Individual Career Path Story-telling



1.1 (Personal Tasks for SSO) Assistant Manager Level (1-7 years)

Division	Sub-task	Details of Sub-tasks Carried out in Person
Standards Planning	T9-2 Promote Harmonization of Various Standards and Regulations	<ul style="list-style-type: none"> <li>● I identified needs of enterprises for amending KS standards.</li> <li>● When it was necessary to amend standards, I created drafts based on international standards.</li> </ul>
	T9-4 Communicate and Coordinate with Regulatory Agencies and Industry Associations	<ul style="list-style-type: none"> <li>● I identified needs of enterprises for amending KS standards.</li> <li>● Collect and summarize complaints of the industry about technical criteria, test standards, etc.</li> </ul>

1.2 (Personal Tasks for SSO) Manager Level (7-15 years)

Division	Sub-task	Details of Sub-tasks Carried out in Person
Standards Planning	T5-2 Participate in International Standardization Meetings and Voting	<ul style="list-style-type: none"> <li>● Participate in international standardization committees in the fields which the institution is interested in for analyzing trends in standards planning.</li> <li>● I participate in the ISO TC 178 (Elevators) and OIML TC (Meters) for coordinating direction of standardization planning.</li> </ul>
	T9-3 Provide Export Assistance/Consulting in response to Foreign Technical Regulations(TBT)	<ul style="list-style-type: none"> <li>● When difficulties of exporting occur due to new establishment of testing/certification systems of a foreign country, I provided advice for enterprises.</li> <li>* (Exemplary case) When an accident occurred in which passengers dropped out of an elevator door, the relevant domestic technical criteria were reinforced. However, the EC Standardization Committee requested for abolition on the ground that the regulation was not necessary. Accordingly, I participated in the relevant ISO TC, and validated our actions through explaining the test methods and procedures.</li> </ul>
Standards Development	T3-1 Manage Standards Development Projects	<ul style="list-style-type: none"> <li>● I operated a number of KS standards development projects in such fields as elevators, tools, and safety products.</li> <li>● I managed test methods and schedules necessary for standards development.</li> <li>● I operated field business for an advisory committee comprising experts from relevant institutions and enterprises, who would participate in tests.</li> <li>* (Exemplary case) When an accident occurred in which passengers dropped out of an elevator door and ended up dead or injured in 2007, the Presidential Office designated reinforcement of the technical criteria as one of the task of interest, and instructed my institution to establish a plan for it within 3 months. Accordingly, we conducted impact tests for elevator doors for 3 months, and for the first time in the world, established the "Criteria for Dynamic Load Impact of Elevator Doors". We proposed the criteria to the ISO, and they were adopted as the European Safety Criteria, which was the first case in Korea. The episode became an opportunity for me to change career from standards planning to standards development.</li> </ul>
	T3-2 Produce and Circulate Committee Projects Documents	<ul style="list-style-type: none"> <li>● When a document is circulated by a committee relating to a standard under development, analyze the document.</li> <li>● Forward the analyzed document to the Korean Agency for Technology and Standards and the Korean Standards Association, as necessary.</li> <li>● When the circulated document contains an issue that is significant in terms of standards development, consult with the relevant institutions.</li> </ul>
	T3-3 Arrange and Coordinate Committee Meetings	<ul style="list-style-type: none"> <li>● Supervise the overall work including opinion coordination during meetings of the relevant domestic TCs.</li> <li>● Participate in the relevant international TC meetings for presenting opinions and analyzing trends.</li> <li>● In particular, when standards development contained details requiring tests, I supervised overall coordination of the schedule.</li> </ul>
	T3-4 Advise and Liaise with Chair, Conveners, Project Leaders	<ul style="list-style-type: none"> <li>● Prepare analysis opinion statements and provide advice for assisting chairpersons of the TCs in the relevant fields.</li> <li>● In regard to important standards development issues, provide assistance for decision-makers such as the Korean Agency for Technology and Standards by preparing opinion statements for voting.</li> </ul>

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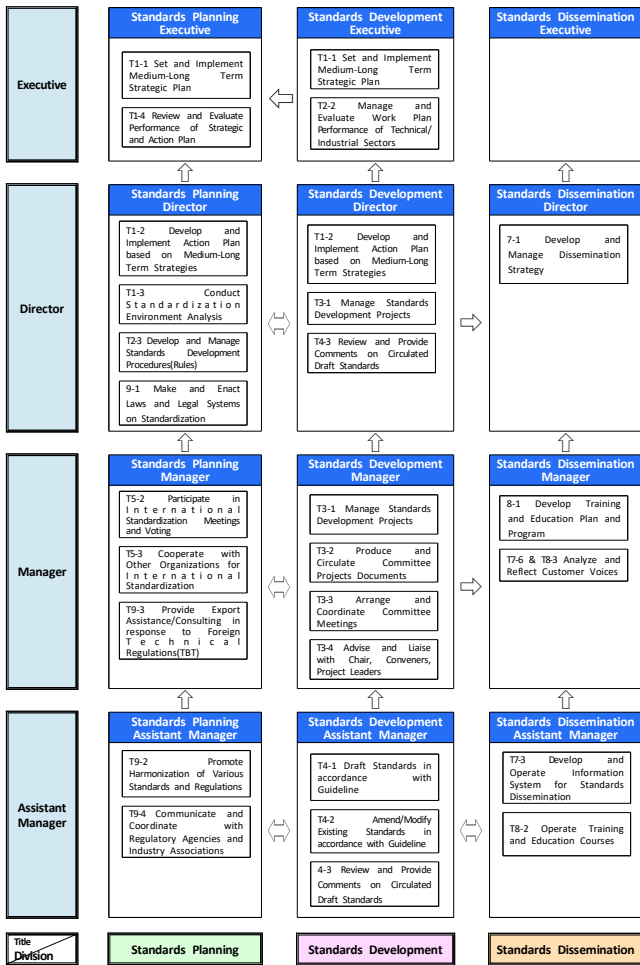
1.3 (Personal Tasks for SSO) Director Level (15-25 years)

Division	Sub-task	Details of Sub-tasks Carried out in Person
Standards Development	T1-2 Develop and Implement Action Plan based on Medium-Long Term Strategies	<ul style="list-style-type: none"> <li>● Establish action plans for implementing standards development strategies on the annual basis.</li> <li>● Supervise management of action plans for various standards development projects carried out by the department.</li> </ul>
	T3-1 Manage Standards Development Projects	<ul style="list-style-type: none"> <li>● I monitored schedule and progress of various standards development projects (meters, electric products, etc.) carried out by my department.</li> <li>● Review and correct errors of developed standards drafts on the biannual basis.</li> </ul>
	T4-3 Review and Provide Comments on Circulated Draft Standards	<ul style="list-style-type: none"> <li>● Review and correct errors of developed standards drafts circulated by working-level groups for standards development.</li> <li>● Review opinions submitted by enterprises, etc., and reflect them to correction, as necessary.</li> </ul>

1.4 (Personal Tasks for SSO) Executive Level (over 25 years): Not Applicable

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2. Standardization Tasks of SSO



2.1 (General Tasks for SSO) Assistant Manager Level (1-7 years)

Division	Sub-task	Details (or examples) of sub-tasks
Standards Planning	T9-2 Promote Harmonization of Various Standards and Regulations	<ul style="list-style-type: none"> <li>Make simple comparison, summary, and collection of product standards and test methods that do not conform to international standards.</li> </ul>
	T9-4 Communicate and Coordinate with Regulatory Agencies and Industry Associations	<ul style="list-style-type: none"> <li>Collect opinions of the industry on the necessity for developing standards, and making standards conform to international standards.</li> <li>Collect and summarize complaints of the industry about technical criteria, test standards, etc.</li> <li>Resolve complaints about simple technical issues.</li> <li>Report surveyed necessity for standards development, and industrial needs to the head of the Standards Development Department.</li> </ul>
Standards Development	T4-1 Draft Standards in accordance with Guideline	<ul style="list-style-type: none"> <li>Create standards drafts in accordance with IEC work guidelines.</li> <li>When it is necessary to amend a standard based on demands from testing engineers or the industry, create an amendment draft.</li> <li>Report the amendment draft and the necessity to the head of the Standards Development Department.</li> </ul>
	T4-2 Amend/Modify Existing Standards in accordance with Guideline	<ul style="list-style-type: none"> <li>Make annual review on necessity for amending standards in the relevant field, which is a responsibility of a COSD institution.</li> <li>Amend standards in accordance with the KS work guidelines.</li> <li>Report necessity for amending standards to the head of the Standards Development Department.</li> </ul>
	4-3 Review and Provide Comments on Circulated Draft Standards	<ul style="list-style-type: none"> <li>Review technical details of circulated standards drafts.</li> <li>Collect and present opinions on amendment, as necessary.</li> </ul>
Standards Dissemination	T7-3 Develop and Operate Information System for Standards Dissemination	<ul style="list-style-type: none"> <li>Link the homepage of the institution to the e-Nara standards/certification homepage.</li> </ul>
	T8-2 Operate Training and Education Courses	<ul style="list-style-type: none"> <li>Operate training programs on test standards by item (from time to time by field).</li> </ul>

2.2 (General Tasks for SSO) Manager Level (7-15 years)

Division	Sub-task	Details (or examples) of sub-tasks
Standards Planning	T5-2 Participate in International Standardization Meetings and Voting	<ul style="list-style-type: none"> <li>Participate in international standardization committees in the fields which the institution is interested in for analyzing trends in standards planning.</li> <li>Provide advice for the Korean Agency for Technology and Standards and the Korean Standards Association by field for voting.</li> </ul>
	T5-3 Cooperate with Other Organizations for International Standardization	<ul style="list-style-type: none"> <li>Participate in the IEC Young Leader Group meetings for coordinating direction of standardization planning.</li> <li>Propose planning tasks for making national standards adopted as international standards.</li> </ul>
	T9-3 Provide Export Assistance/Consulting in response to Foreign Technical Regulations(TBT)	<ul style="list-style-type: none"> <li>When difficulties of exporting occur due to new establishment of testing/certification systems of a foreign country, analyze the situation.</li> <li>When it is possible for the institution to solve a difficulty by providing advice, provide advice for closing the issue.</li> <li>When it is impossible for the institution to solve a difficulty, discuss it with the government.</li> </ul>

Standards Development	T3-1 Manage Standards Development Projects	<ul style="list-style-type: none"> <li>Employees of the senior staff level or higher operate independent projects for standards development.</li> <li>Establish schedules and methods for the development and maintenance of the projects.</li> <li>When it is necessary for verifying the technical relevance of a developed standard, conduct testing/assessment.</li> </ul>
	T3-2 Produce and Circulate Committee Projects Documents	<ul style="list-style-type: none"> <li>When a document is circulated by a committee relating to a standard under development, analyze the document.</li> <li>Forward the analyzed document to the Korean Agency for Technology and Standards and the Korean Standards Association, as necessary.</li> <li>When the circulated document contains an issue that is significant in terms of standards development, consult with the relevant institutions.</li> </ul>
	T3-3 Arrange and Coordinate Committee Meetings	<ul style="list-style-type: none"> <li>Supervise the overall work including opinion coordination during meetings of the relevant domestic TCs.</li> <li>Participate in the relevant international TC meetings for presenting opinions and analyzing trends.</li> </ul>
	T3-4 Advise and Liaise with Chair, Conveners, Project Leaders	<ul style="list-style-type: none"> <li>Prepare analysis opinion statements and provide advice for assisting chairpersons of the TCs in the relevant fields.</li> <li>In regard to important standards development issues, provide assistance for decision-makers such as the Korean Agency for Technology and Standards by preparing opinion statements for voting.</li> </ul>
Standards Dissemination	8-1 Develop Training and Education Plan and Program	<ul style="list-style-type: none"> <li>The lead center of each division should establish annual plans for standards training programs.</li> <li>Develop standards training programs suitable for the characteristics of the departments and items.</li> </ul>
	T7-6 & T8-3 Analyze and Reflect Customer Voices	<ul style="list-style-type: none"> <li>Hold regular or spot seminars for analyzing needs of the customers relating to standards training.</li> <li>Reflect analyzed needs to annual training programs.</li> </ul>

### 2.3 (General Tasks for SSO) Director Level (15-25 years)

Division	Sub-task	Details (or examples) of sub-tasks
Standards Planning	T1-2 Develop and Implement Action Plan based on Medium-Long Term Strategies	<ul style="list-style-type: none"> <li>Establish detailed action plans for implementing standardization strategies.</li> <li>Supervise implementation and field operation of the action plans.</li> </ul>
	T1-3 Conduct Standardization Environment Analysis	<ul style="list-style-type: none"> <li>Analyze internal/external environments for determining necessity for standards development.</li> <li>In particular, analyze needs of enterprises for providing testing/certification services for exporters.</li> </ul>
	T2-3 Develop and Manage Standards Development Procedures(Rules)	<ul style="list-style-type: none"> <li>Establish schedules and rules of planning for developing standards and technical criteria (test methods).</li> <li>Supervise implementation and field operation of standards development processes.</li> </ul>
	T9-1 Make and Enact Laws and Legal Systems on Standardization	<ul style="list-style-type: none"> <li>When a standards-related statute is to be amended, develop logic and provide assistance for preparing an amendment draft.</li> <li>Prepare related basic data such as statistics for preparing regulatory impact analysis reports.</li> </ul>
Standards Development	T1-2 Develop and Implement Action Plan based on Medium-Long Term Strategies	<ul style="list-style-type: none"> <li>Establish action plans for implementing standards development strategies on the annual basis.</li> <li>Supervise management of action plans for various standards development projects carried out by the department.</li> </ul>
	T3-1 Manage Standards Development Projects	<ul style="list-style-type: none"> <li>Monitor schedule and progress of various standards development projects carried out by the department.</li> <li>Review and correct errors of developed standards drafts on the biannual basis.</li> </ul>
	T4-3 Review and Provide Comments on Circulated Draft Standards	<ul style="list-style-type: none"> <li>Review and correct errors of developed standards drafts circulated by working-level groups for standards development.</li> <li>Review opinions submitted by enterprises, etc., and reflect them to correction, as necessary.</li> </ul>
Standards Dissemination	T7-1 Develop and Manage Dissemination Strategy	<ul style="list-style-type: none"> <li>Establish annual and mid/long-term strategies for disseminating standards to enterprises (training).</li> <li>Supervise the overall work relating to standards dissemination (training).</li> </ul>

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### 2.4 (General Tasks for SSO) Executive Level (over 25 years)

Division	Sub-task	Details (or examples) of sub-tasks
Standards Planning	T1-1 Set and Implement Medium-Long Term Strategic Plan	<ul style="list-style-type: none"> <li>Establish mid/long-term strategies for annual and mid/long-term standards planning.</li> <li>Supervise the overall work relating to the implementation of standardization strategies.</li> </ul>
	T1-4 Review and Evaluate Performance of Strategic and Action Plan	<ul style="list-style-type: none"> <li>Review the implementation of established strategies on the annual basis.</li> <li>In particular, assess the results of implementation by department, and reflect them to personnel assessment, as necessary.</li> </ul>
Standards Development	T1-1 Set and Implement Medium-Long Term Strategic Plan	<ul style="list-style-type: none"> <li>Establish mid/long-term strategies for annual and mid/long-term standards development.</li> <li>Establish mid/long-term strategies in accordance with the standards development procedure specified by the government.</li> <li>In regard to standardization strategies developed by the institution, discuss with the government so that they may be reflected to the standards development strategies of the government.</li> <li>Supervise the overall work relating to the implementation of standards development strategies.</li> </ul>
	T2-2 Manage and Evaluate Work Plan Performance of Technical/ Industrial Sectors	<ul style="list-style-type: none"> <li>Identify problems found in the course of utilizing developed standards on the biennial basis.</li> <li>Assess the results of implementation by department, and reflect them to personnel assessment, as necessary.</li> </ul>
Standards Dissemination	Not applicable	Not applicable

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