

# The Korea Standards Association a value-creation partner for standards and quality



**KSA** KOREAN  
STANDARDS  
ASSOCIATION

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A value-creation partner for standards and quality

# Contents

## 01 Introduction

- 1) About the KSA
- 2) History
- 3) Organization
- 4) Networks
- 5) Sales Performance & Targets
- 6) List of Members

## 02 Business Areas

- 1) Standards
- 2) Quality Management
- 3) Certification
- 4) Education

## 03 CSR Activities

- 1) Publication of the Integrated Sustainability Report
- 2) KSA Happiness-Sharing Group
- 3) Social Contribution Activities by Employees
- 4) Social Contribution Activities by Rookies

## 04 Major Events

# 01

# Introduction

The KSA was established in 1962 as prescribed in Article 32 of the Industrial Standardization Act. As an organization specializing in the provision of general knowledge services in the areas of standards, accreditation, education, and promotion for the past 50 years, the KSA promises to make continuous efforts for the sustainable growth of stakeholders both inside and outside the association.



KSA Headquarter  
(Yeoksam-dong, Gangnam-gu, Seoul)



KSA Seoul (Gasan) Learning Center  
(Gasan-dong, Geumcheon-gu, Seoul)



KSA Human Resources Development Center  
(Anseong-si, Gyeonggi-do)

### Korea Standards Association

To promote the development of science and technology and to raise productivity by fostering industrial standardization, conducting R&D on quality management, and developing and disseminating quality management practices, with the ultimate goal of contributing to the advancement of the national economy.

Korea Technology Center, 305, Teheran-ro, Gangnam-gu, Seoul (701-7, Yeoksam-dong)

Non-profit corporation (public entity) under the Ministry of Trade, Industry and Energy (MOTIE)



Name

Chairman  
& CEO



Sang-Jin Lee



Purpose of  
Establishment

Date of  
Establishment



March 13, 1962



Headquarters

Sales



100 billion won  
(as of the fiscal year 2017)



Association

No. of  
Employees



320  
(as of 2018.01)



## KSA - The history of the KSA mirrors Korea's industrial development

1960s~1980s

Developed into a Leading Organization for Standards & Quality Management



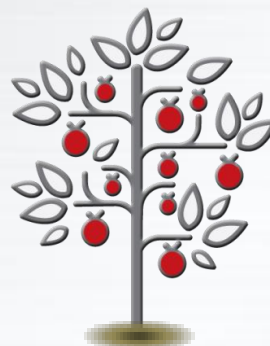
- 1962** Establishment of the Korea Standards & Norms Association
- 1971** Quality Control Engineer Training Agency (Designated by the Ministry of Trade and Industry)
- 1975** Managed the Korea National Quality Awards as the Quality Control Implementation Division Bureau (Designated by the Industrial Advancement Administration)
- 1983** Eligible Vocational Training Center designated by the Ministry of Employment and Labor

1990s

Developed into the National Certification Body for KS Certification & ISO Training



- 1991** Established the Quality Management Research Center
- 1993** Renamed as Korean Standards Association
- 1994** Designated as the first Quality Management System Training Center
- 1996** Designated as the first Environmental Management System Training Center
- 1998** Designated as KS certification body
- 1999** Integrated with the Korean Industrial Standard Institute

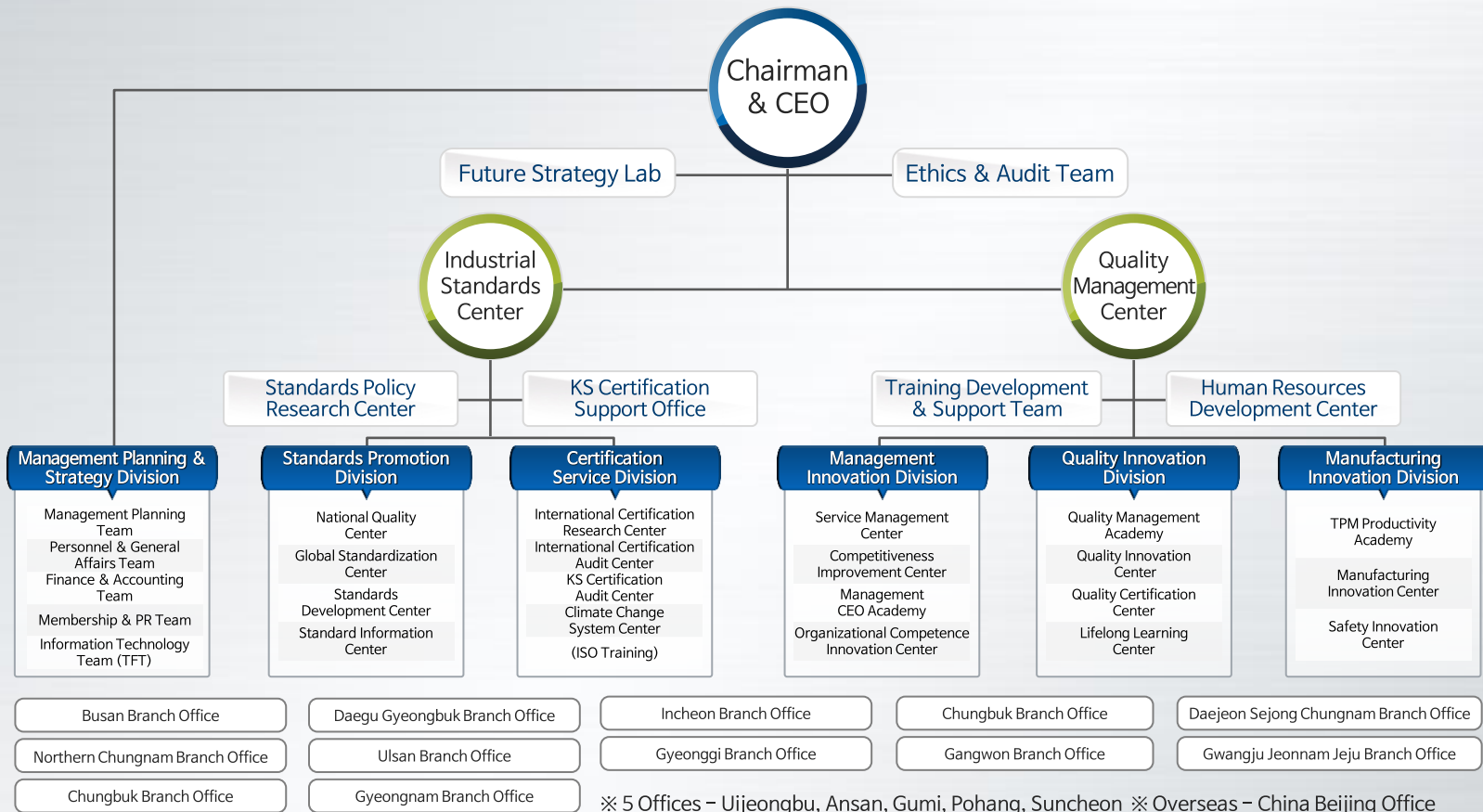


2000s

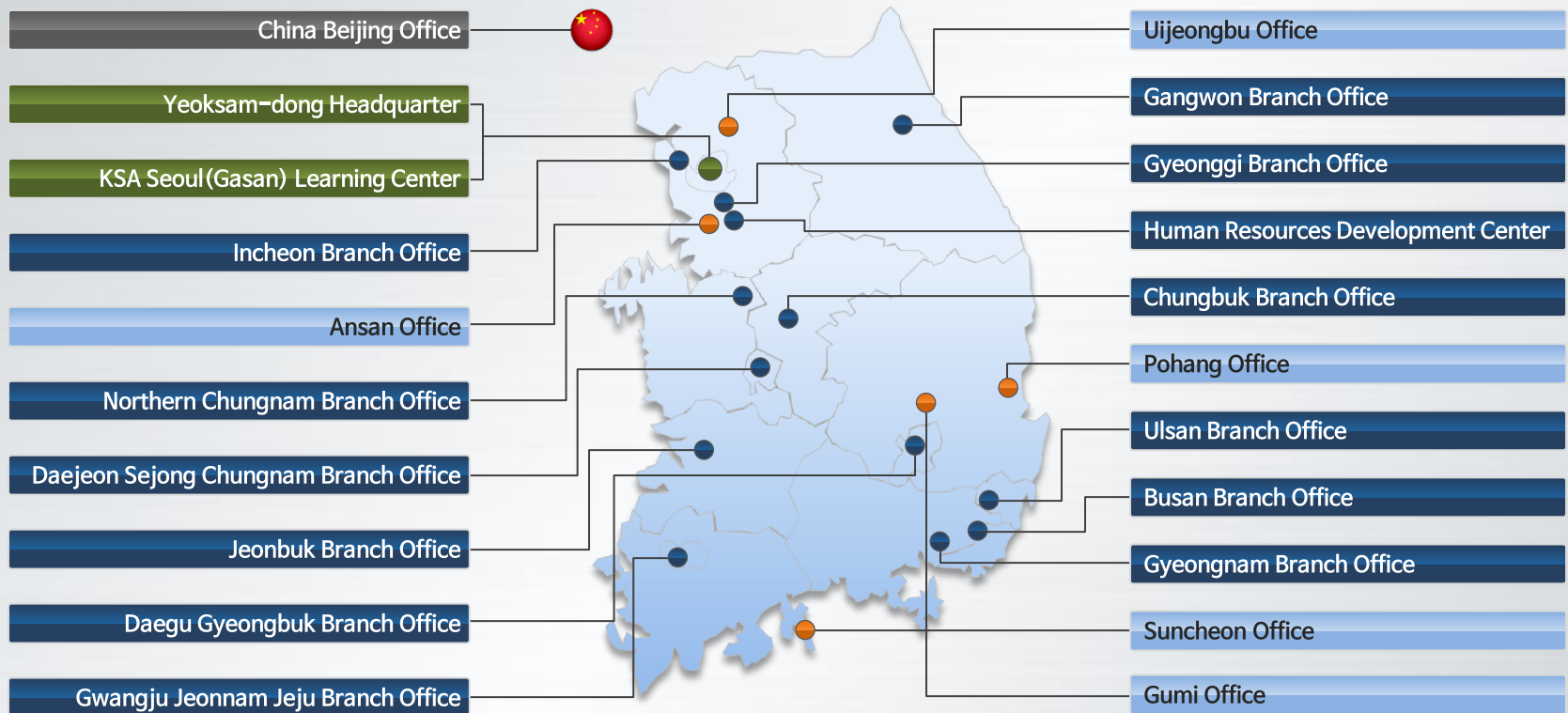
Developed into a National Knowledge Service Provider

- 2000** Appointed as ISO 9001 and ISO 14001 certification body
- 2001** Designated as JIS certification body for the first time as a foreign institute.
- 2004** KSA Media (KSAM) established as a KSA subsidiary
- 2005** Designated as the Social Responsibility (SR) Standardization Forum Bureau
- 2006** Korea LOHAS certification body
- 2007** Designated as a public organization (Designated by the Ministry of Strategy and Finance). Sustainability management partnership concluded with GRI. Designated as an assurance provider for greenhouse gas reduction projects
- 2008** Designated as CDM (Clean Development Mechanism) operation body. Provided greenhouse gas inventory assurance services
- 2009** Designated as ISO 26000 national secretary. Designated as a VCS (Verified Carbon Standard) assurance provider for the first time in Korea. Opened the KSA Seoul (Gasan) Learning Center
- 2010** Designated as a Green Training Institute (Committee on Green Growth). Obtained the Best HRD (Human Resources Development) Certification. Joined the UN Global Compact (UNGC)
- 2011** Designated as an assurance provider for Greenhouse Gas Target Management System. Indoor air quality certification body. Registered as an official license institute for the MATRIZ
- 2012** Celebrated the 50th Anniversary and published the Association's 50 years of history
- 2013** Opened the KS Certification Support Center opened (Suwon, Daejeon, Daegu)
- 2014** Hosted the 40th National Convention on Quality Control Circle. Hosted the 40th National Quality Management Convention. Establishment of the KSA Share Happiness Voluntary Group. Registered as the official training institute for the Ministry of Employment and Labor
- 2015** Opened the Safety Innovation Center

As of July 2018, the KSA comprises **2 centers, 6 divisions, 34 teams, 12 branch offices** (No. of employees: 321).



The KSA became **the leading knowledge service provider in Korea** that ensures joint growth with customers by establishing a domestic **industry-academia-research collaborative network centered on its 12 branch offices and 5 offices in the country.**



● Branch Offices and Centers    ● Human Resources Development Center and 12 Branch Offices    ● 5 Offices    ● Overseas Branch Office

The KSA's China Beijing Office supports Korean companies in China while also actively exchanging with relevant overseas organizations in the areas of quality, certification, and training.

### Standards & Certifications

International Organization for Standardization (ISO)  
Bureau of Standards, Metrology and Inspection (BSMI)  
French Association for Standardization (AFNOR)  
International Electrotechnical Commission (IEC)  
International Automotive Task Force (IATF)  
British Standards Institution (BSI)  
German Institute for Standardization (DIN)  
American Society of Mechanical Engineers (ASME)  
Japanese Standards Association (JSA)  
China Association for Standardization (CAS)  
American Society for Testing and Materials (ASTM)  
American National Standards Institute (ANSI)  
Japanese Automotive Standards Organization (JASO)  
Standards Press of China (SPC)

### Quality Management

European Organization for Quality (EOQ)  
Union of Japanese Scientists and Engineers (JUSE)  
Japan Institute of Plant Maintenance (JIPM)  
Global Reporting Initiative (GRI)  
China Association for Quality (CAQ)  
Shenyang Bureau of Quality and Technical Supervision  
Asian Network for Quality (ANQ)  
Singapore Quality Institute  
Singapore Productivity Association (SPA)  
Vietnam Quality Association of Ho Chi Minh City (VQAH)  
Vietnam Chamber of Commerce and Industry (VCCI)

### Training

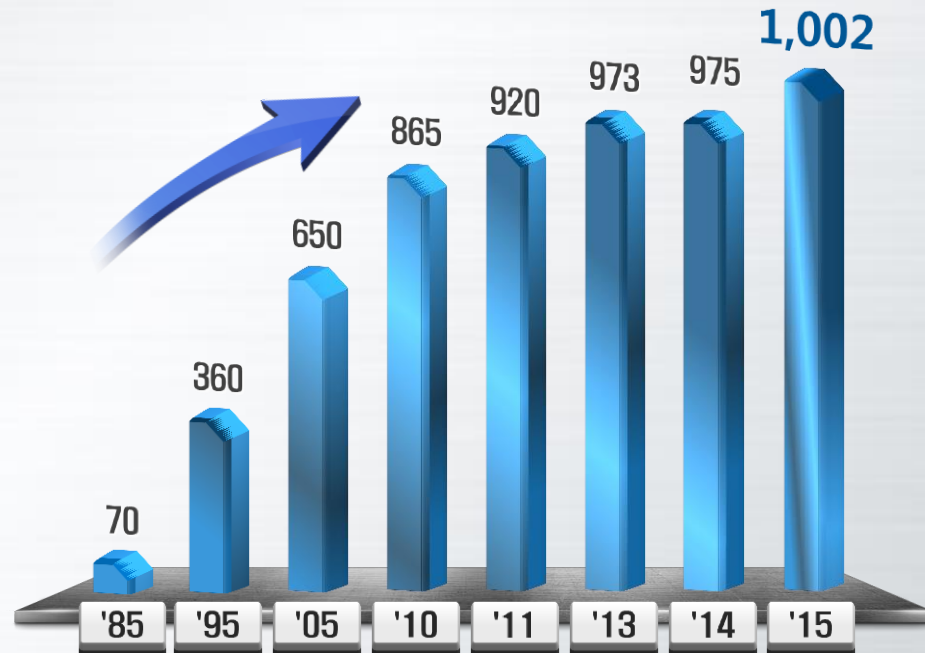
American Society for Training & Development (ASTD)  
American Society for Quality (ASQ)  
Six Sigma Management Institute (SSMI) - Arizona State University (ASU)  
Infrared Training Center (ITC)  
International TRIZ Association (MATRIZ)  
MICI  
China Association for Quality (CAQ)  
Corporate Synergy Development Center (CSD)



Our sales target for 2018 is **₩110 billion** of which will be generated by businesses owned and operated by the KSA.

Item	'18 Target	(%)
Government subsidies	2,600	2.4
Revenues from KSA businesses	107,400	97.6
Education	60,500	55.0
Standards & quality management	27,000	24.5
International	9,000	8.2
KS certification, standards sales	7,000	6.4
Members	3,700	3.4
Others (income from interest, etc.)	200	0.2
<b>Total</b>	<b>110,000</b>	<b>100.0</b>

(unit: ₩ one million, %)



(unit: ₩100 million)

The KSA has more than **4,700 members** as of 2018.

(As of July 2018, unit: company)

Region	Large companies	SMEs	Small businesses	Groups	Others	Total
Headquarters	29	48	43	1	0	121
Busan	20	103	147	0	0	270
Daegu Gyeongbuk	36	166	349	0	0	551
Incheon	23	161	244	0	0	428
Gyeonggi	52	397	552	1	2	1004
Gangwon	5	34	241	2	7	289
Chungbuk	21	154	190	0	0	365
Daejeon, Sejong, Chungnam	19	76	162	1	0	258
Jeonbuk	18	103	231	0	0	352
Gwangju, Jeonnam, Jeju	19	134	274	0	0	427
Gyeongnam	23	117	181	2	0	323
Ulsan	28	52	48	1	0	129
Northern Chungnam	22	100	105	0	0	227
Total	315	1,645	2,767	8	9	4,744

02

# Business Areas

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The KSA, Korea's No. 1 standards and quality management body, provides services in four major business areas.

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Standard



Quality



Certification



Training &  
Development



The KSA, as Korea's No. 1 standards and quality management body, provides services in four major business areas.

## Standards

The KSA conducts the full spectrum of standards-related business ranging from standard promotion, research, and policy recommendations concerning standardization and support for standardization.

### Promotion of Korean and global standards

- publicity and promotion of the KS
- collection and promotion of global standards

### R&D on standards

- coordination of national standards
- analysis of standardization policies & trends in Korea and overseas

### Public awareness of standardization

- hosting of the celebration ceremony of World Standards Day
- standardization of national happiness

### Global standardization efforts

- support for ISO/IEC global standardization efforts
- service and provision of assistance as the chair & secretary of global standards organizations
- operation of Help Desk, an international standardization support center
- Promotion of standardization systems in developing countries

### Training of standards professionals

- provision of standards education programs (elementary students/youth/college students/professionals)

## Quality Management

The KSA conducts various promotional activities, establishes and conducts various indices, and operates awards programs in order to promote and encourage quality management, which forms the backbone of industrial development.

### National Quality Convention

- Recognition of and presentation of awards to individuals and groups

### National Convention on Quality Control Circles

- Recognition of and presentation of awards to quality control circles for outstanding performance

### Indices and Awards

- Korean Standard-Service Quality Index
- Korean Standard Contact Service Quality Index
- Korea Service Grand Prix
- Korean Innovation Frontier Award
- Korean Standard-Quality Excellence Index
- Korean Standard Premium Brand Index
- Korean Standard Well-being Consumer Index

### Premium Industry Development

- Forum on Creation of Premium Products/Services

## Certification

As Korea's largest certification body, the KSA provides a wide range of certification services including GHG verification and certification and KSA-developed certifications, in addition to the KS, ISO, and JIS certifications.

### KS certification

- Products and services

### International certifications (ISO, JIS, etc.)

- ISO 9001, 14001, 22000, 50001
- ISO/TS 16949, TL 9000, JIS mark
- K-OHSMS/OHSAS 18001
- ISO/IEC 27001, etc

### GHG verification and certification

- verification of GHG emissions
- verification of GHG energy target management schemes
- feasibility testing and verification of overseas CDMs
- feasibility testing and verification of domestic CDMs (KVER)

### KSA-developed certifications

- Korea LOHAS certification
- indoor air quality certification
- Korea Best Product Certification

## Education

The KSA offers customized training programs on different areas as required by companies. (through online, offline, and mobile)

### Open education

- management/professional competencies/common competencies
- CSR

### Customized education

- quality management/production management/facility management/safety/health
- KS certifications/ISO certifications

### OJT

- KSA Summer CEO Forum/top executive programs/humanities & management series
- AMQP (top executives for management & quality)
- Technology management: e-Tech + CEO

### CEO education

### Domestic and overseas training

- visits corporations in Korea and other countries for training

### Qualifications

- Quality managers
- International management system certification auditor program
- ASQ international certification/Six Sigma certification

The KSA aims to make life better and easier for everyone by promoting standards, making policy recommendations, and conducting diverse programs and initiatives related with standardization.



## Promotion of domestic and global standards

The KSA helps Korean corporations to raise their global competitiveness and bring Korean standards into line with global practices by "promoting standards" including KS and global standards.



## Standards R&D

The KSA operates "the national standards coordinator system" to efficiently link national R&D efforts with standardization and to increase investment efficiency.

The KSA implements "standards policy R&D and promotional activities" with the aim of advancing Korea's standards policies

The KSA supports "the standards R&D operation system" and performs related tasks in order to develop industries that can serve as new growth engines and to accelerate their fusion and integration



## Public awareness of standardization

The KSA celebrates the World Standards Day and develops national happiness standards to improve national competitiveness.



## Global standardization activities

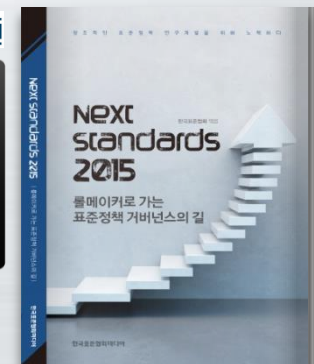
The KSA has expanded the framework for global standardization and cooperation to ensure the governance of global standards.

The KSA supports the "creation of standards systems" in developing countries in order to share Korea's standardization know-how with target areas for exports and major developing countries and to strengthen cooperation on standardization efforts with them.



## Standard professionals

The KSA is dedicated to the development of standards professionals with the aim of broadening standardization efforts across all sectors of society and raising public awareness of the importance of and need for standardization.



# Support for Quality Innovation and Promotion of Quality Management

The KSA is dedicated to promoting quality management, the backbone of national industrial development, and to encouraging industries to manage quality more effectively.



## Support for quality innovation and promotion of quality management

Introduction and promotion of quality management, production innovation, and advanced quality innovation techniques such as Six Sigma and TPM to help corporations improve their quality competitiveness.

Implementation of "quality promotion activities" to promote quality management at worksites and to raise the morale of workers (National Quality Convention, National Convention on Quality Control Circles).

Performance of R&D on quality innovation and sharing of the results with industries to encourage quality management by corporations and to help them increase their quality competitiveness.

Hosting of the Premium Product Creation Forum to discover hidden champions and develop premium products.



## Service Quality Indices and Awards

Designed to help corporations to improve their competitiveness by improving the quality of their services for customers.

Designed to help corporations to improve their competitiveness in terms of quality and brand.



# Certification for Superior Quality to Enhance Export Competitiveness






The KSA is trusted by corporations and the public as Korea's No. 1 certification body.

## KS Certification

KS certification ensures the quality and safety of products (10,984 certifications were issued in 2014).

## International Certifications (ISO, JIS, etc.)

Certifications are issued for global standards-based management systems (ISO 9001, 14001, 22000, 27001, JIS mark, etc.) in the fields of quality, environment, health and safety, food safety, information security, energy, etc. (2,938 certifications were issued in 2014).

 Quality	ISO 9001, ISO/TS 16949, TL 9000, JIS mark
 Environment, sustainability	ISO 14001, BCM certification
 Health & safety, food safety	K-OH 18001/Ohsas 18001, ISO 22000
 Information security	ISO 27001
 Climate change	GHG emissions & target management schemes, GHG reduction projects in Korea and overseas (CDM, KVER)

## GHG Verification and Certification

Korea's No. 1 GHG verification body: Designated as the national GHG and energy verification body by the Ministry of Environment, the KSA performs verification services for businesses that consume excessive amounts of energy and emit large quantities of GHGs to help them meet national GHG reduction targets.

The KSA conducts R&D on dealing with climate change and performs verification and certification services in connection with GHG emissions (168 cases in 2014).

## KSA-Developed Certifications

The Korea LOHAS certification and indoor air quality certification were designed to create a greener, healthier, and happier society.

Korea Best Product Certification allows the use of the 'Best Product' mark based on an evaluation of product, technology and quality in an effort to promote industrial development and strengthen the brand competitiveness of Korean companies.



The KSA offers education contents covering a wide range of areas to meet corporate needs.



## Open, customized education and OJT

The KSA provides management education aimed at raising employees' professional competency, HRD education, quality management, production innovation, TPM, and "production-centered HR development projects" to train creative human resources in the Six Sigma areas (23,725 persons received training in 2014).

The "SME Core Competencies Enhancement Support Program" is designed to help the employees of SMEs to improve their professional competencies and consequently improve the competitiveness of SMEs (8,684 persons have attended the program to date).

"Customized, company-specific education programs" are designed to provide optimal solutions and thereby help companies to grow sustainably.

The KSA HR Development Center, an incubator of creative human resources, and the "Behavior Innovation Program" (a training program designed to advance employees attitude)

Smart learning programs such as "e-learning/book-learning and mobile learning contents that make education and training easier and more convenient for education consumers and thereby help corporations to expand their employees' competencies.



## CEO Academy, Conferences, and Domestic and Overseas Training Programs

CEO breakfast meetings, Summer CEO Forum, AMQP, e-Tech+CEO, and other learning programs for CEOs.

The Global Innovation Conference is designed to keep CEOs abreast with the latest management innovation trends in advanced countries, to spread quality management and production innovation techniques, and to present successful model cases.

The HR Development Conference and other global training programs keep track of the latest trends in HR development in leading countries.



03

# CSR Activities

### Publication of an Integrated Sustainability Report

Joined the UN Global Compact in 2010

Published the first report in 2009 (publishing four reports up to 2015) Report prepared in conformance with the GRI G3 Guidelines



### Happiness-Sharing Bazaar

Employees donate items for the bazaar. The entire proceeds are donated to Food for Hungry International.



### Social Contribution Activities by Employees

The KSA's employees help clean up local environments, participate in various local events, and purchase local agricultural products in the communities with which the KSA has a sister relationship, on a regular basis.

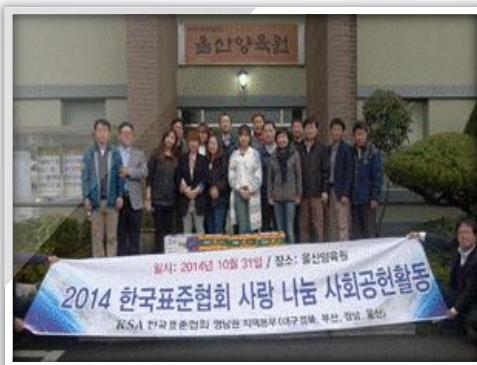
The education facilities of the KSA are made available for free recreational programs in collaboration with volunteer groups in areas close to the facilities.

Volunteers help clean up the local environment in areas close to the branch offices.

Volunteers work at nursing homes, orphanages and child care centers for the socially disadvantaged, and offer donations.

Volunteers to enter contents for e-books for the visually impaired.

Volunteers donate and deliver briquettes and make kimchi for the financially disadvantaged.





### Social Contribution Activities by Rookies

Rookies donate and deliver briquettes to the residents of Guryong Village.

Rookies donate their talents to Oryu Village(orphanage).

: making the dream piggy bank, engaging in physical activities with children, donating books and other items




Donation of books to the Second Fleet of the ROK Navy



# 04




## Major Events

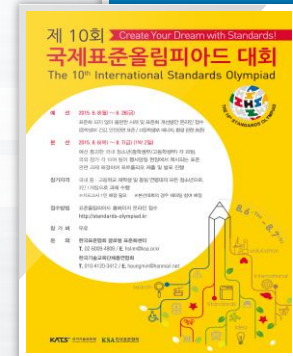
## Summer CEO Forum

-  **Date & Venue** July 29(Wed.) ~ August 1 (Sat.), 2015/ Jeju Lotte Hotel
-  **Participants** Around 500 persons (including CEOs and their families)
-  **Contents** The forum provides an opportunity for CEOs to share their knowledge and ideas, taking advantage of their summer vacation. The forum also features lectures by top experts in each field and a number of high-quality events.






## The 10th International Standards Olympiad

-  **Date & Venue** August 6(Thu.)~ August 7(Fri.), 2015/ HR Development Center of the KSA
-  **Participants** 163 persons (Korean and international middle&high school students)
-  **Contents** The event is intended to promote understanding of standards among the participants and raise their awareness of the importance of standardization.



## National Convention on Quality Control Circles

-  **Date & Venue** August 31 (Mon.) ~ September 4(Fri.), 2015/ Chungnam Province Office, Resom Resort in Deoksan
-  **Participants** Around 2,000 persons president of KATS, governor of Chungnam Province, quality control circles, government officials in charge of quality management from cities and provinces
-  **Contents** Contestant groups compete in the four areas of work site improvement, group management improvement, the learning club CoP, and TRIZ at the regional level before being admitted to the national contest. The contest is aimed at discovering model cases of worksite improvement and promoting best practices.



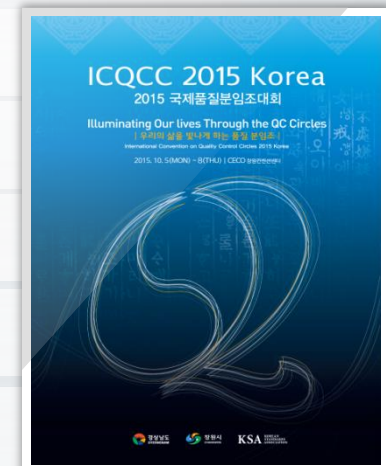
## 2015 ISO Week in Korea

	Event Name	2015 ISO Week in Korea (38th ISO General Assembly)
	Date & Venue	September 13(Sun.) ~ September 18(Fri.), 2015/ Seoul Lotte Hotel
	Host & Organizer	KATS / KSA
	Participants	More than 700 participants from 162 countries
	Subject	“ISO 2020: Great things happen when the world agrees”



## 2015 International Convention on Quality Control Circles (ICQCC 2015 Korea)

	Event Name	2015 International Convention on Quality Control Circles (ICQCC 2015 Korea)
	Date & Venue	October 5(Mon.) ~ October 8(Thur.), 2015 / Changwon Exhibition & Convention Center (CECO)
	Host & Organizer	Gyeongsangnam-do and Changwon City / Korean Standards Association
	Participants	Around 1,000 persons (including the presentation of 150 cases and papers from 40 countries)
	Subject	Illuminating Our Lives Through the QC Circles (Illuminating Our Lives Through QC Circles)





## 2015 World Standards Day



Date & Venue

October 14 (Wed.), 2015 (to be determined)



Participants

Around 400 persons (Prime Minister, Deputy Minister of Trade, Industry & Energy, President of KATS, award recipients)



Contents

Celebration of the Day is intended to promote standardization in the private sector and advance national standards by recognizing and rewarding corporations, groups, and individuals for their work in the field of standardization.

\* Award recipients in October 2014: 36 individuals and 12 companies



## The 41st National Convention on Quality Control Circles



Date & Venue

November 18 (Wed.), 2015 / COEX Auditorium



Participants

Around 1,800 persons (Prime Minister, Deputy Minister of Trade, Industry & Energy, award recipients)



Contents

The convention confers awards and commendations upon individuals and groups in recognition of their outstanding performance in the field of quality innovation.

Award and recognition recipients in November 2014: 72 individuals (commendations), 17 corporations (commendations), 293 teams (Outstanding Quality Control Circle Award), 4 individuals (Outstanding Suggestion Award), 26 individuals (National Quality Masters), 40 companies (Outstanding Quality Competitiveness)





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STANDARDS  
ASSOCIATION

Since 1962