



Social Activities: Supplementary Data

2 Occupational Safety and Health / Industrial Safety and Disaster Prevention

Occupational Safety and Health Management System*

In April 2020, the Company's Osaka Works acquired certification from the Japan Industrial Safety and Health Association (JISHA) for the international standards ISO 45001 and JISQ 45100, which added requirements related mainly to daily safety and health activities to ISO 45001 (JISQ 45001), and is conducting operations accordingly. We are making preparations toward acquiring certification for ISO 45001 and JISQ 45100 at other worksites as well.

By fiscal 2009, Sumitomo Chemical acquired OSHMS certification from JISHA at all of its Works and Research Laboratories. Afterward, some worksites switched to independent operations, and currently 3 Works and 1 Research Laboratory maintain certification. (JISHA's OSHMS includes the same requirements as OHSAS18001.)

* Applicable scope of the Occupational Safety and Health Management System: Employees and dispatch employees who work at the Company's Works and Research Laboratories

JISHA's Official Websites

Japanese: <https://www.jisha.or.jp/about/index.html>

English: <https://www.jisha.or.jp/english/index.html>

Acquisition of ISO 45001 and JISQ 45100 Certification (Sumitomo Chemical)

Facilities	Certificate Number	Certification Date
Osaka Works	ISO 45001: JISHA-O-31	April 2020
Osaka Works	JISQ 45100: JISHA-31	April 2020

Acquisition of JISHA's OSHMS Certification (Sumitomo Chemical)

Facilities	Certificate Number	Certification Date
Chiba Works	03-12-1	May 2003
Oita Works (Utajima)	09-27-14	January 2009
Oita Works (Gifu Plant)	09-21-6	February 2009
Oita Works (Okayama Plant)	09-33-7	February 2009
Oita Works	06-44-1	July 2006
Ohe Works	10-38-4	March 2010
Health & Crop Sciences Research Laboratory	007-28-95-8-3	January 2007



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Voluntary Safety Management of High-Pressure Gas Based on Certification by the Minister

Sumitomo Chemical continually renews the Accreditation of Completion and Safety Inspection, as stipulated in the High Pressure Gas Safety Act, for the Ehime Works and the Chiba Works. Certification is given to facilities that have achieved excellent safety, management, and technological levels and that are recognized as having met legally mandated requirements for safety management systems. Certified plants are allowed to conduct Completion Inspections and Safety Inspections of their own facilities in place of national, prefectural, and other governmental organizations.

■ Number of Accreditations of Completion and Safety Inspection Given for Sumitomo Chemical Facilities

Works	Area	Year of certification	Year and month renewed	Number of facilities given accreditation
Ehime Works	Niihama	2002	March 2018	13
	Kikumoto	2002	March 2018	4
Chiba Works	Anesaki	1987	May 2019	8
	Sodegaura	1987	May 2019	15

Note: Number of facilities given accreditation data as of the time of certification renewal.



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Criteria and Results of the President's Safety Award for Zero-Lost Workday Operations (as of May 31, 2020)

Sumitomo Chemical has set facility specific criteria for the achievement of continuous periods of zero-lost workday operations for employees as well as contractors. The President's Safety Award is presented to facilities in recognition of their satisfaction of the above-mentioned criteria.

Sumitomo Chemical Employees (Works, Research Laboratories)

Facilities	Criteria for the President's Safety Award*1	Results
Ehime Works	3 million hours	A lost workday accident occurred in January 2020. Working to reach the target of 3 million work hours.
Ohe Works*2	3 million hours	A lost workday accident occurred in March 2019. Working to reach the target of 3 million work hours.
Chiba Works	3 million hours	A lost workday accident occurred in February 2020. Working to reach the target of 3 million work hours.
Osaka Works	3 million hours	Working to reach the target of 18 million work hours.
Oita Works*3	1.5 million hours	A lost workday accident occurred in March 2020. Working to reach the target of 1.5 million work hours.
Misawa Works	30 months	A lost workday accident occurred in February 2020. Working to reach the target of 30 months.
Health & Crop Sciences Research Laboratory	30 months	Working to reach the target of 60 months.
Tsukuba Regional Research Laboratory*4	30 months	Working to reach the target of 390 months.

Contractors / Affiliated Company Employees of Sumitomo Chemical (Works, Research Laboratories)

Facilities	Criteria for the President's Safety Award*1	Results
Ehime Association (Plant maintenance)	24 months	A lost workday accident occurred in September 2019. Working to reach the target of 24 months.
Ehime Logistics Association (Logistics)	24 months	A lost workday accident occurred in June 2019. Working to reach the target of 24 months.
Ohe Association (Plant maintenance)	48 months	Working to reach the target of 144 months
Ohe Logistics Association (Logistics)	48 months	Working to reach the target of 144 months
Chiba Association (Plant maintenance)	24 months	Working to reach the target of 48 months
Chiba Logistics Association (Logistics)	24 months	A lost workday accident occurred in October 2019. Working to reach the target of 24 months.
Osaka Association	24 months	Working to reach the target of 48 months
Oita Association	24 months	Working to reach the target of 120 months
Okayama Association	48 months	Working to reach the target of 48 months
Gifu Association	48 months	Working to reach the target of 144 months
Misawa Works	48 months	A lost workday accident occurred in September 2019. Working to reach the target of 48 months.
Health & Crop Sciences Research Laboratory	48 months	Working to reach the target of 288 months
Tsukuba Regional Research Laboratory*4	48 months	Working to reach the target of 144 months

*1 Continuous periods of zero lost-workday operations.

*2 Ohe Works includes Sumika Assembly Techno Co., Ltd.

*3 Oita Works includes the Utajima Pilot Production Department, Gifu Plant, and Okayama Plant.

*4 The Tsukuba Regional Research Laboratory was reorganized into the Advanced Materials Development Research Laboratory and Energy & Functional Materials Research Laboratory (Tsukuba).



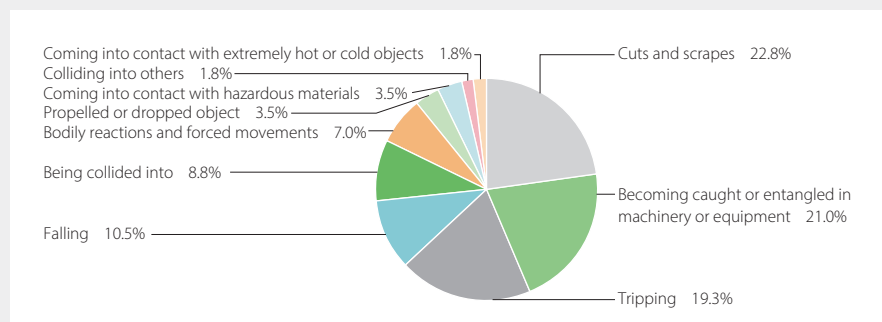
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Safety Achievements

Lost-Workday Injuries (Sumitomo Chemical Group*)

	FY2016	FY2017	FY2018	FY2019
Number of lost-workday injuries	9	17	35	27
Frequency rate of lost-workday injuries	0.14	0.26	0.58	0.42
Number of fatal accidents	0	2	1	0
Number of fatal accidents (contract employees)	0	0	1	0

FY2019 Breakdown of Causes of Injury by Type (Sumitomo Chemical Group*)



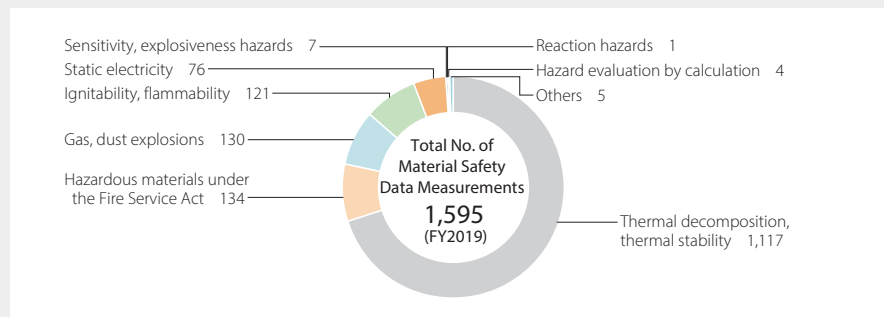
* Sumitomo Chemical (including contractors) and consolidated Group companies in Japan and overseas.



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Industrial Safety and Disaster Prevention Results

Results of Material Safety Data Measurements (Sumitomo Chemical Group*)



* Sumitomo Chemical (including contractors) and consolidated Group companies in Japan and overseas.

The Safety Engineering Group at the Production & Safety Fundamental Technology Center studies and assesses process safety, researches safety measures, measures and evaluates material safety data, compiles a database on safety technologies, and undertakes training for safety engineers in its efforts to enhance process safety management and to prevent accidents such as fires and explosions. In fiscal 2019, 1,470 material safety data measurements were taken from within Sumitomo Chemical and 125 measurements were taken from Group companies for a total of 1,595.

The Launch of Several Process Safety Review Committees (Sumitomo Chemical)

Fiscal Year	R&D stages		Industrialization stage		
	Level 1	Level 2	Level 3	Level 4	Level 5
2016	14	33	37	81	17
2017	25	19	27	88	47
2018	24	38	27	91	24
2019	25	17	30	67	21

When new processes are developed at Sumitomo Chemical, the Process Safety Review Committee (levels 1 to 5) convenes at every step, from R&D through to industrial-scale production. In essence, this Committee focuses on process safety assessment results and confirms whether safety countermeasures are appropriate.

Safety Information Database (Sumitomo Chemical)

	Number of data sets	(Year on year comparison)
Accident prevention technology information	20,153	(Increased by 471)
Accident cause investigations	2,445	(Increased by 45)
Accident information	20,777	(Increased by 180)
As of March 31, 2020	43,375	(Increased by 696)

A safety information database has been created by collecting information on accidents in Japan and overseas and compiling abstracts of said data. As of the end of March 2020, 43,375 sets of data were stored in the database (42,679 sets of data as of March 31, 2019). This system allows all employees at each Works or Research Laboratory to search stored data using individual terminals. This data is also used in process hazard evaluations and case study examinations to prevent similar accidents. In addition, accident data is also disclosed to Group companies as necessary.