

Public qualifications

(As of March 2024)

Classification	Qualification name	Number of people
Construction industry qualifications	Second Class Architect	3
	First Class Plumbing Work Operation and Management Engineer	102
	Second Class Plumbing Work Operation and Management Engineer	73
	Second Class Civil Engineering Work Operation and Management Engineer	3
	First Class Electrical Work Operation and Management Engineer	28
	Second Class Electrical Work Operation and Management Engineer	41
	Training Course for Managing Engineer	65
	Certificate of Qualification for Managing Engineer (Plumbing Business)	66
	Certificate of Qualification for Managing Engineer (Machinery, Equipment, and Facility Business)	1
	Certificate of Qualification for Managing Engineer (Electrical Contracting Business)	17
Electrical qualifications	1st Class Qualified Certified Electrician	32
	2nd Class Qualified Certified Electrician	122
	3rd Class Electric Works Specialist	14
Fire fighting qualifications	Class A Hazardous Materials Engineer's License	15
	Class B Hazardous Materials Engineer's License: Group 1	46
	Class B Hazardous Materials Engineer's License: Group 2	43
	Class B Hazardous Materials Engineer's License: Group 3	77
	Class B Hazardous Materials Engineer's License: Group 4	195
	Class B Hazardous Materials Engineer's License: Group 5	49
	Class B Hazardous Materials Engineer's License: Group 6	53
	Class C Hazardous Materials Engineer's License	37
High-pressure gas-related qualifications	High-pressure Gas Production Safety Management (Class-A Mechanical)	34
	High-pressure Gas Production Safety Management (Class-A Chemical)	10
	High-pressure Gas Production Safety Management (Class-B Mechanical)	222
	High-pressure Gas Production Safety Management (Class-B Chemical)	68
	High-Pressure Gas Production Safety Management (Class-C Chemical: Special subjects)	174

Classification	Qualification name	Number of people
High-pressure gas-related qualifications	High-pressure Gas Production Safety Management (Class-C Chemical: Liquefied Petroleum Gas)	13
	High-pressure Gas Production Safety Management (Class-C Chemical)	12
	High-pressure Gas Class-1 Sales Safety Chief	55
	High-pressure Gas Class-2 Sales Safety Chief	21
	High-pressure Gas Class-1 Refrigeration Safety Manager	2
	High-pressure Gas Class-2 Refrigeration Safety Manager	4
	High-pressure Gas Class-3 Refrigeration Safety Manager	9
	Liquefied Petroleum Gas Installation Engineer	8
Occupational safety and health related	Handlers of General Poisonous and Deleterious Substances	53
	Class-1 Boiler Expert's License	5
	Class-2 Boiler Expert's License	14
	Operations Chief of Gas Welding License	11
	Skill Training Course for Operation Chief of Oxygen Deficient/Hydrogen Sulfide Danger	188
	Skill Training Course for Operations Chief of Hazardous Work of Oxygen Deficiency	11
	Class-1 Skill Training Course for Operations Chief of Hazardous Work of Oxygen Deficiency	4
	Class-2 Skill Training Course for Operations Chief of Hazardous Work of Oxygen Deficiency	103
	Class-1 Health Officer's License	77
	Specific Dust Pollution Control Manager	1
Welding/Inspection technology related	Non-Destructive Testing Engineer Solvent-Removable Penetrant Testing Level 1	9
	Non-Destructive Testing Engineer Solvent-Removable Penetrant Testing Level 2	31
	Non-Destructive Testing Engineer Dye Penetrant Testing Level 2	8
	Non-Destructive Testing Engineer Ultrasonic Testing Level 1	73
	Non-Destructive Testing Engineer Ultrasonic Testing Level 2	2
	Non-Destructive Testing Engineer Magnetic Particles Testing Level 1	1
	Non-Destructive Testing Engineer Radiographic Testing Level 1	3
	Non-Destructive Testing Engineer Radiographic Testing Level 2	1
	JIS Certification of Welders (TIG Welding)	1
	JIS Certification of Welders (Stainless Steel Welding)	10
	IIW International Welding Technologist (IWT)	1

Classification	Qualification name	Number of people
Welding/Inspection technology related	JIS Certification of Welders (Silver Alloy Brazing)	6
	LWS Certification of Welders (Aluminum Welding)	1
	LWS Certification of 3rd Class Welding Coordination Personnel (Aluminum Alloy Structure)	1
Information processing related qualifications	Applied Information Technology Engineer	1
	Basic Information Technology Engineers	5
	IT Passport	14
Number of qualification holders		2,349

Internally Certified Qualifications

(As of March 2024)

Classification	Qualification name	Number of people
Equipment	Manufacturing Manager (High Pressure Gas Certified Products)	2
	JIS Welder (High Pressure Gas Certified Products)	2
	Inspection Manager (High Pressure Gas Certified Products)	1
	Design Manager (High Pressure Gas Certified Products)	2
	Inspector of High Pressure Gas Certified Products	11
	Welding Construction Manager (High Pressure Gas Certified Products)	4
	Maintenance Staff Type A Class 1	16
	Maintenance Staff Type A Class 2	64
	Maintenance Staff Type B-I Class 1	16
	Maintenance Staff Type B-I Class 2	75
	Maintenance Staff Type B-II Class 1	27
	Maintenance Staff Type B-II Class 2	78
	Maintenance Staff Type C Class 1	32
	Maintenance Staff Type C Class 2	35
	First Class Inspector	151
	Second Class Inspector Type A	7
	Second Class Inspector Type B	27
	Second Class Inspector Type C	34
	First Class CAD Drafter	2
	Second Class CAD Drafter	7
	Equipment Designer Class A	4
	Equipment Designer Class B	10
	Equipment Designer Class C	13
	Equipment Designer Class D	5
	Equipment Designer Class E	45
	Calibration Staff Class A	5
	Calibration Staff Class B	13
	Commissioning Staff Type A Class 1	15
	Commissioning Staff Type A Class 2	11
	Commissioning Staff Type B-I Class 1	23
	Commissioning Staff Type B-I Class 2	15
	Commissioning Staff Type B-II Class 1	17
	Commissioning Staff Type B-II Class 2	18
	Commissioning Staff Type C Class 1	29

Classification	Qualification name	Number of people
Equipment	Commissioning Staff Type C Class 2	30
	First Class Analyst	5
	Second Class Analyst	6
Equipment Work	General Gas Equipment Inspector (A)	40
	General Gas Equipment Inspector (B0)	194
	General Gas Equipment Inspector (B1)	96
	General Gas Equipment Inspector (B2)	86
	General Gas Equipment Inspector (B3)	97
	General Gas Equipment Inspector (B4)	41
	General Gas Equipment Inspector (B5)	37
	General Gas Equipment Inspector (B6)	40
	Chief Engineer (Plumbing Business)	116
	Chief Engineer (Machinery and Equipment Installation Business)	93
	First Class Piping Construction Manager	34
	Second Class Piping Construction Manager	96
	Third Class Piping Construction Manager	77
	First Class Piping Construction Designer	117
	Second Class Piping Construction Designer	66
	Semiconductor Gas Equipment Inspector (A)	59
	Semiconductor Gas Equipment Inspector (B)	172
	High Pressure Gas Safety Act Documentation Staff	131
	Welding Construction Manager	121
	Welder	346
	Welding Inspector	104
Electrical Work	Chief Engineer (Electrical Work)	42
	Electric Instrumentation Inspector	79
	First Class Electric Instrumentation	44
	Second Class Electric Instrumentation	36
	First Class Electrical Work Manager	13
	Second Class Electrical Work Manager	34
	Third Class Electrical Work Manager	39
Quality/Environment	First Class Environmental Auditor (2004 version)	19
	First Class Environmental Auditor (2015 version)	7
	Second Class Environmental Auditor (2004 version)	27

Classification	Qualification name	Number of people
Quality/Environment	First Class Quality Auditor (2008 version)	42
	First Class Quality Auditor (2015 version)	9
	Second Class Quality Auditor (2008 version)	32
	First Class Occupational Safety and Health Auditor (2007 version)	24
	Second Class Occupational Safety and Health Auditor (2007 version)	11
Safety	Completion Inspector	55
	General Completion Inspector	32
	Safety Inspector	57
	General Safety Inspector	32
Number of qualification holders		3,654

* The number of internally certified qualification holders includes that of partner companies.