

Public qualifications

(As of March 2026)

Classification	Qualification name	Number of people
Construction industry qualifications	Second Class Architect	3
	First Class Plumbing Work Operation and Management Engineer	101
	Second Class Plumbing Work Operation and Management Engineer	74
	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	40
	Training Course for Managing Engineer	68
	Certificate of Qualification for Managing Engineer (Plumbing Business)	71
	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	33
	2nd Class Qualified Certified Electrician	122
	3rd Class Electric Works Specialist	19
Fire fighting qualifications	Class A Hazardous Materials Engineer's License	16
	Class B Hazardous Materials Engineer's License: Group 1	45
	Class B Hazardous Materials Engineer's License: Group 2	39
	Class B Hazardous Materials Engineer's License: Group 3	74
	Class B Hazardous Materials Engineer's License: Group 4	192
	Class B Hazardous Materials Engineer's License: Group 5	48
	Class B Hazardous Materials Engineer's License: Group 6	57
	Class C Hazardous Materials Engineer's License	40
High-pressure gas-related qualifications	High-pressure Gas Production Safety Management (Class-A Mechanical)	37
	High-pressure Gas Production Safety Management (Class-A Chemical)	8
	High-pressure Gas Production Safety Management (Class-B Mechanical)	219
	High-pressure Gas Production Safety Management (Class-B Chemical)	68
	High-Pressure Gas Production Safety Management (Class-C Chemical: Special subjects)	177

Classification	Qualification name	Number of people
High-pressure gas-related qualifications	High-pressure Gas Production Safety Management (Class-C Chemical: Liquefied Petroleum Gas)	16
	High-pressure Gas Production Safety Management (Class-C Chemical)	10
	High-pressure Gas Class-1 Sales Safety Chief	48
	High-pressure Gas Class-2 Sales Safety Chief	21
	High-pressure Gas Class-1 Refrigeration Safety Manager	1
	High-pressure Gas Class-2 Refrigeration Safety Manager	3
	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	52
	Class-1 Boiler Expert's License	5
	Class-2 Boiler Expert's License	17
	Operations Chief of Gas Welding License	9
	Skill Training Course for Operation Chief of Oxygen Deficient/Hydrogen Sulfide Danger	195
	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	101
	Class-1 Health Officer's License	76
	Specific Dust Pollution Control Manager	8
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	34
	Non-Destructive Testing Engineer Dye Penetrant Testing Level 2	6
	Non-Destructive Testing Engineer Ultrasonic Testing Level 1	77
	Non-Destructive Testing Engineer Ultrasonic Testing Level 2	1
	Non-Destructive Testing Engineer Magnetic Particles Testing Level 1	1
	Non-Destructive Testing Engineer Radiographic Testing Level 1	4
	Non-Destructive Testing Engineer Radiographic Testing Level 2	1
	JIS Certification of Welders (Stainless Steel Welding)	13
	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)	0
	LWS Certification of 3rd Class Welding Coordination Personnel (Aluminum Alloy Structure)	0
Information processing related qualifications	Security Specialist	1
	Applied Information Technology Engineer	3
	Basic Information Technology Engineers	5
	IT Passport	14
Number of qualification holders		2,370

Internally Certified Qualifications

(As of March 2026)

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	18
	Maintenance Staff Type A Class 2	83
	Maintenance Staff Type B-I Class 1	17
	Maintenance Staff Type B-I Class 2	67
	Maintenance Staff Type B-II Class 1	27
	Maintenance Staff Type B-II Class 2	69
	Maintenance Staff Type C Class 1	34
	Maintenance Staff Type C Class 2	45
	First Class Inspector	159
	Second Class Inspector Type A	7
	Second Class Inspector Type B	30
	Second Class Inspector Type C	32
	First Class CAD Drafter	2
	Second Class CAD Drafter	7
	Equipment Designer Class A	5
	Equipment Designer Class B	13
	Equipment Designer Class C	13
	Equipment Designer Class D	0
	Equipment Designer Class E	45
	Calibration Staff Class A	7
	Calibration Staff Class B	13
	Commissioning Staff Type A Class 1	13
	Commissioning Staff Type A Class 2	15
	Commissioning Staff Type B-I Class 1	24
	Commissioning Staff Type B-I Class 2	17
Commissioning Staff Type B-II Class 1	16	
Commissioning Staff Type B-II Class 2	19	
Commissioning Staff Type C Class 1	29	

Classification	Qualification name	Number of people
Equipment	Commissioning Staff Type C Class 2	27
	First Class Analyst	6
	Second Class Analyst	7
Equipment Work	General Gas Equipment Inspector (A)	41
	General Gas Equipment Inspector (B0)	200
	General Gas Equipment Inspector (B1)	110
	General Gas Equipment Inspector (B2)	94
	General Gas Equipment Inspector (B3)	106
	General Gas Equipment Inspector (B4)	45
	General Gas Equipment Inspector (B5)	35
	General Gas Equipment Inspector (B6)	43
	General Gas Equipment Inspector (B7)	51
	Chief Engineer (Plumbing Business)	117
	Chief Engineer (Machinery and Equipment Installation Business)	91
	First Class Piping Construction Manager	40
	Second Class Piping Construction Manager	96
	Third Class Piping Construction Manager	90
	First Class Piping Construction Designer	118
	Second Class Piping Construction Designer	76
	Semiconductor Gas Equipment Inspector (A)	72
	Semiconductor Gas Equipment Inspector (B)	175
	High Pressure Gas Safety Act Documentation Staff	132
	Semiconductor Piping Welding Construction Manager *1	129
Semiconductor Piping Welder *1	370	
Semiconductor Piping Welding Inspector *1	104	
Electrical Work	Chief Engineer (Electrical Work)	45
	lectric Instrumentation Inspector	78
	First Class Electric Instrumentation	46
	Second Class Electric Instrumentation	38
	First Class Electrical Work Manager	13
	Second Class Electrical Work Manager	38
	Third Class Electrical Work Manager	40
Quality/Environment	First Class Environmental Auditor	21
	Second Class Environmental Auditor	23

Classification	Qualification name	Number of people
Quality/Environment	First Class Quality Auditor	48
	Second Class Quality Auditor	41
	First Class Occupational Safety and Health Auditor	25
	Second Class Occupational Safety and Health Auditor	9
Safety	Completion Inspector	58
	General Completion Inspector	31
	Safety Inspector	57
	General Safety Inspector	31
Number of qualification holders		3,366

*1 This number includes individuals certified by our company at affiliated and partner companies.