

Principal Subsidiaries and Affiliates (as of March 31, 2019)

Steelmaking and Steel Fabrication

Company (Location of head office)	Paid-in capital	Sharehol ding Ratio	Business content
[Subsidiaries]	Million yen	%	
Sanyo Special Steel Co., Ltd. (Himeji)	53,800	*50.3	Makes and markets special steel products
Nisshin Steel Co., Ltd. (Chiyoda-ku, Tokyo)	30,000	100.0	Makes and markets ordinary steel, stainless steel and specialty steel
Nippon Steel & Sumikin Coated Sheet Corporation (Chuo-ku, Tokyo)	12,588	100.0	Makes and markets galvanized sheets, prepainted galvanized sheets, coated sheets, and construction materials
Osaka Steel Co., Ltd. (Osaka)	8,769	*60.9	Makes and markets shapes, bars, and billets
Nippon Steel & Sumikin Metal Products Co., Ltd. (Koto-ku, Tokyo)	5,912	100.0	Makes and markets structural materials for buildings and civil engineering work, prepainted galvanized sheets, steelmaking fluxes, and CC powders
Nippon Steel & Sumikin Pipe Co., Ltd. (Chiyoda-ku, Tokyo)	5,831	100.0	Makes, coats and markets steel pipes and tubes
Krosaki Harima Corporation (Kitakyushu)	5,537	*42.9	Makes, markets and constructs refractories
Nippon Steel & Sumikin Texeng Co., Ltd. (Chiyoda-ku, Tokyo)	5,468	100.0	Conducts engineering, maintenance, and operations relating to machinery, electrical instrumentation, systems, and construction for steel-production and other facilities
Nippon Steel & Sumikin Stainless Steel Corporation (Chiyoda-ku, Tokyo)	5,000	100.0	Makes and markets stainless steel
Nippon Steel & Sumikin Logistics Co., Ltd. (Chuo-ku, Tokyo)	4,000	100.0	Undertakes ocean and land transportation and warehousing
Nippon Steel & Sumikin SG Wire Co., Ltd. (Chiyoda-ku, Tokyo)	3,634	100.0	Makes and markets bars and wire rods
Geostr Corporation (Bunkyo-ku, Tokyo)	3,352	*42.0	Makes and markets concrete and metal products for civil engineering and building construction work
Nippon Steel and Sumikin Welding Co., Ltd. (Koto-ku, Tokyo)	2,100	100.0	Makes and markets welding materials and apparatuses
Nippon Steel & Sumikin Drum Co., Ltd. (Koto-ku, Tokyo)	1,654	100.0	Makes and markets drums
Nippon Steel & Sumikin Blast Furnace Slag Cement Co., Ltd. (Kitakyushu)	1,500	100.0	Makes and markets cement and steelmaking slag and calcined lime products
Nippon Steel & Sumikin Cement Co., Ltd. (Muroran)	1,500	85.0	Makes and markets cement
Nippon Steel & Sumikin Finance Co., Ltd. (Chiyoda-ku, Tokyo)	1,000	100.0	Engages in the Group's financing operations
Nippon Steel & Sumikin Stainless Steel Pipe Co., Ltd. (Koga)	916	100.0	Makes and markets stainless-steel pipes

Company (Location of head office)	Paid-in capital	Sharehol ding Ratio	Business content
Nippon Steel & Sumikin Steel Wire Co., Ltd. (Seki)	697	51.0	Makes and markets secondary products using bars and wire rods
Nippon Steel & Sumikin Eco-Tech Corporation (Chuo-ku, Tokyo)	500	*84.2	Designs, builds, operates, maintains, and manages water-treatment and other systems; designs civil-engineering projects; and performs environmental and chemical analysis
Nippon Steel & Sumikin Bolten Corporation (Osaka)	498	85.0	Makes and markets high-tension bolts, etc.
Nippon Steel & Sumikin Shapes Corporation (Wakayama)	400	100.0	Makes and markets H-beams
NIPPON STEEL AND SUMIKIN TUBOS DO BRASIL LTDA. (Rio de Janeiro, Brazil)	R\$2,002 million	*100.0	Markets seamless steel pipe
NS-Siam United Steel Co., Ltd. (Rayong State, Thailand)	THB 13,007 million	80.2	Makes and markets cold-rolled sheets and galvanized sheets
National Pipe Company Limited (Eastern Province, Saudi Arabia)	SAR 200 million	*51.0	Makes and markets primarily steel line pipes
Standard Steel, LLC (Pennsylvania, U.S.A.)	US\$ 47 million	*100.0	Makes and markets railway wheels and axles
NIPPON STEEL & SUMITOMO METAL U.S.A., INC. (New York, U.S.A.)	US\$ 40 million	100.0	Invests companies in North American region focusing on U.S. and gathers information
PT. PELAT TIMAH NUSANTARA TBK. (Jakarta, Indonesia)	US\$ 26 million	35.0	Makes and markets tinplate
NIPPON STEEL & SUMITOMO METAL (Thailand) Co., Ltd. (Bangkok, Thailand)	THB 718 million	100.0	Gathers information in Asian region focusing on Thailand
NIPPON STEEL & SUMITOMO METAL Australia Pty. Limited (New South Wales, Australia)	A\$ 21 million	100.0	Participates in mine development in Australia and gathers information
NIPPON STEEL & SUMIKIN Steel Processing (Thailand) Co., Ltd. (Rayong State, Thailand)	THB 571 million	*66.5	Makes and markets cold-heading wire and cold-finished bars
Ovako AB (Stockholm, Sweden)	Euro 60 thousand	*100.0	Makes and markets special steel and secondarily processed products

Company (Location of head office)	Paid-in capital	Sharehol ding Ratio	Business content
[Companies accounted for using the equity method]	Million yen	%	
Godo Steel, Ltd. (Osaka)	34,896	*15.2	Makes and markets shapes, rails, bars, billets and wires
Topy Industries Ltd. (Shinagawa-ku, Tokyo)	20,983	*20.3	Makes and markets shapes, bars, and industrial machine parts
Kyoei Steel Ltd. (Osaka)	18,515	25.8	Makes and markets shapes, steel bars, and billets; processes and markets steel
Nippon Steel & Sumikin Bussan Corporation (Minato-ku, Tokyo)	16,389	* 35.0	Markets, imports and exports steel, industrial machinery and infrastructures, textiles, foods, and other products
Nippon Denko Co., Ltd. (Chuo-ku, Tokyo)	11,026	*20.9	Makes and markets ferroalloy/functional materials, environmental business and electric supply business
Nichia Steel Works, Ltd. (Amagasaki)	10,720	22.6	Makes and markets bolts and wire products
NS United Kaiun Kaisha, Ltd. (Chiyoda-ku, Tokyo)	10,300	32.8	Undertakes ocean transportation
Unipres Corporation (Yokohama)	10,136	16.3	Manufactures and sell automotive parts
Osaka Titanium technologies Co., Ltd. (Amagasaki)	8,739	23.9	Makes and markets metal titanium, polysilicon, high-functioning materials developed from titanium and silicon for new applications
Nippon Coke & Engineering Company Limited (Koto-ku, Tokyo)	7,000	21.7	Markets coal; makes and markets coke
Japan Casting & Forging Corporation (Kitakyushu)	6,000	42.0	Makes and markets casting, forgings, ingots and billets
Sanko Metal Industrial Co., Ltd. (Minato-ku, Tokyo)	1,980	*32.0	Makes, processes, installs and sells metal roofs and building materials
Sanyu Co., Ltd. (Hirakata)	1,513	*34.5	Makes and markets cold-finished bars and cold-heading wire
Nihon Teppan Co., Ltd. (Chuo-ku, Tokyo)	1,300	*34.0	Markets, processes, and imports and exports steel products, metal processing machines, and electrical/electronic devices
Usinas Siderúrgicas de Minas Gerais S.A.-USIMINAS (Estado do Minas Gerais, Brazil)	R\$13,200 million	*31.2	Makes and markets steel products
VALLOUREC SOLUÇÕES TUBULARES DO BRASIL S.A. (Estado do Minas Gerais, Brazil)	R\$8,688 million	*15.0	Makes seamless steel pipe
Baosteel-NSC Automotive Steel Sheets Co., Ltd. (Shanghai, China)	RMB 3,000 million	50.0	Makes and markets automotive steel sheets
WISCO-NIPPON STEEL Tinplate Co., Ltd. (Hubei, China)	RMB 2,310 million	50.0	Makes and markets tinplate and tinplate sheets
Jamshedpur Continuous Annealing & Processing Company Private Limited (West Bengal, India)	INR 12,330 million	49.0	Makes and markets automotive cold-rolled steel sheets
UNIGAL Ltda. (Estado do Minas Gerais, Brazil)	R\$584 million	*30.0	Makes galvanized sheets
Companhia Nipo-Brasileira De Pelotizacao (Estado do Espírito Santo, Brazil)	R\$432 million	*33.0	Holding and leasing of manufacturing facilities of pellets
Guangzhou Pacific Tinplate Co., Ltd. (Guangzhou, China)	US\$36 million	25.0	Makes and markets tinplate

Engineering and Construction

Company (Location of head office)	Paid-in capital	Sharehol ding Ratio	Business content
[Subsidiaries] Nippon Steel & Sumikin Engineering Co., Ltd. (Shinagawa-ku, Tokyo)	Million yen 15,000	% 100.0	Makes and markets industrial machinery and equipment and steel structures; undertakes civil engineering and building constructions work; waste and regeneration treatment business; electricity, gas, and heat supply business

Chemicals and Materials

Company (Location of head office)	Paid-in capital	Sharehol ding Ratio	Business content
[Subsidiaries] NIPPON STEEL Chemical & Material Co., Ltd. (Chiyoda-ku, Tokyo)	Million yen 5,000	% 100.0	Makes and markets coal chemicals, petrochemicals, electronic materials, semiconductor components and materials, electronic components and materials, carbon-fiber composite products, and metal-processed products

System Solutions

Company (Location of head office)	Paid-in capital	Sharehol ding Ratio	Business content
[Subsidiaries] NS Solutions Corporation (Chuo-ku, Tokyo)	Million yen 12,952	% 61.3	Provides engineering and consulting pertaining to computer systems, outsourcing and other services using IT

(Notes)

- (1) Figures with asterisks (*) include shares held by subsidiaries
- (2) The percentage of the Group's ownership of Krosaki Harima Corporation, Geostr Corporation and PT PELAT TIMAH NUSANTARA TBK. is 50% or less. However, NIPPON STEEL has determined that it effectively has control over these companies and has included them in the scope of consolidation as subsidiaries.
- (3) The percentage of the Group's ownership of Godo Steel, Ltd., Unipres Corporation, and VALLOUREC SOLUÇÕES TUBULARES DO BRASIL S.A. is below 20%. However, NIPPON STEEL has determined that it effectively has significant influence over these companies and has applied the equity method to them as affiliates.
- (4) Japan Casting & Forging Corporation will be dissolved, effective March 31, 2020, and proceed with liquidation procedures.
- (5) In conjunction with the change of trade name of NIPPON STEEL, its domestic and overseas group companies have also started changing their trade names from April 1, 2019.