Relevant Works	Relevant Facilities	Time of Closure
Kure Works of Nippon Steel Nisshin	Upstream facilities (blast furnace, sintering, and steelmaking)	By around the end of the first half of fiscal 2021
Kure Works of Nippon Steel Nisshin	All other facilities, including hot strip mill and pickling line	By around the end of the first half of fiscal 2023
Wakayama Works	No. 1 blast furnace, No.4 and No. 5 coke ovens, No. 5-1 sintering machine, and part of Continous Caster 3	By around the first half of fiscal 2022

Strengthening of the steel plate business

From the perspective of improving the capacity utilization rate and productivity in order to strengthen the steel plate business, and by comprehensively taking into account the competitiveness of the entire manufacturing process, the steel plate mill of Nagoya Works will be closed and its production will be integrated into the steel plate mills in the Kashima, Kimitsu, and Oita Works.

Relevant Works	Relevant Facilities	Time of Closure
Nagoya Works	Steel plate mill	By around the second half of fiscal 2022

Efficiency enhancement of the steel sheet production system

An electro-galvanizing line, a continuous annealing and processing line, and No. 1 continuous aluminizing line of Sakai Works of Nippon Steel Nisshin will be closed, and their production will be integrated into the manufacturing lines of Kimitsu Works, Nagoya Works and other lines of Nippon Steel, in order to consolidate orders to more competitive manufacturing lines and from the perspective of producing more at the point of demand.

Relevant Works	Relevant Facilities	Time of Closure
Sakai Works of Nippon Steel Nisshin	Electro-galvanizing line Continuous annealing and processing line No. 1 continuous aluminizing line	By around the end of fiscal 2020

Withdrawal from the titanium round bar and welded pipe business

Nippon Steel will withdraw from the titanium round bar business mainly for aircraft engines and the titanium welded pipe business mainly for nuclear and thermal power plants, in view of their business environments and profit situation.

Relevant Works	Relevant Facilities	Time of Closure
Osaka Steel Works	Titanium round bar manufacturing special facility	By around the end of fiscal 2022
Oita Works (Hikari Area)	Titanium welded pipe manufacturing line	By around the end of the first half of fiscal 2021

Strengthening of the stainless steel business

Works of Nippon Steel Stainless Steel Corporation will be closed and its production will be integrated into Nippon Steel, while the dedicated manufacturing facility for precision products will be closed and its production will be integrated into Yamaguchi Works and other facilities.

Relevant Works	Relevant Facilities	Time of Closure
Kinuura Works of Nippon Steel Stainless Steel	Hot strip mill	By around the end of December 2020
Kinuura Works of Nippon Steel Stainless Steel	Dedicated manufacturing facility for precision products (a precision hot- rolling machine, a bright annealing line, and a rewinding line)	By around the end of the first half of fiscal 2020

Previously announced measures the implementation of which will partly be pushed forward or changed

Relevant Works	Relevant Facilities	Time of Closure
Kinuura Works of Nippon Steel Stainless Steel	Hot strip mill	By around the end of December 2020
Kinuura Works of Nippon Steel Stainless Steel	Dedicated manufacturing facility for precision products (a precision hot- rolling machine, a bright annealing line, and a rewinding line)	By around the end of the first half of fiscal 2020

Kimitsu Works (Tokyo Area)Small-diameter seamless pipe millBy around May 2020Hirohata WorksSuspension of a melting furnace and a basic oxygen furnace (Installation of an electric furnace by around the furnace by around theBy around the first half of fiscal 2020	Kashima Works	UO mill	October 2019 (done)
Hirebote Worke a basic oxygen furnace (Installation By around the first helf of fiscal 200	Kimitsu Works (Tokyo Area)	Small-diameter seamless pipe mill	By around May 2020
first half of fiscal 2022)	Hirohata Works	a basic oxygen furnace (Installation of an electric furnace by around the	By around the first half of fiscal 2023

It said "The above measures are projected to reduce our annual crude steel production capacity by around five million tons while the impact on profit from closure of production facilities is expected to be approximately ten billion yen. Based on the production facility structure decided at this time, we will build up synergy effects from steelworks integration and effects of improvement in labor productivity and variable cost through rationalization. Moreover, regarding the new production facility structure as the first step, we will continue to consider establishing a more competitive optimal production structure, and at the same time carry out the selection and concentration in capital spending, ascertain factors such as future supply-demand balance in Japan and overseas and our potential profit trend under that balance, and implement measures according to changing business environment."