

NEWS

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CHAIRMAN'S REFLECTIONS

After a challenging year, it is useful to take the time to review what we as an executive committee and an association have accomplished over 12 months – despite extreme challenges.

All members of the executive are volunteers, with demanding full-time jobs, which makes the recent luxury of having a permanent administrator so critical. With Rebecca moving on early 2020, we were so fortunate to be offered the shared time of Cherie Milne. Her past work experience within the NZ Steel organisation in a number of roles has been and will continue to be an enormous bonus to our association.

It is easy to forget all that has taken place in a year full of drama, but we have achieved the following :

- New web site up and running
- New logo and branding
- Carbon offset development under the guidance of HERA
- Use of Zoom resulting in more regular executive meetings
- Use of Zoom to hold a successful AGM
- Three new committee members elected
- An executive committee that now has more Waikato based members than Auckland
- More diversity in our executive (front-line businesses rather than support /service based)
- New local and overseas members
- Progress on our proposal to include NZ RJT union into AS1528

I want to again thank those departing members of our executive – Julian, Les, Russell, Steve and Tim. Each contributed to the growing professionalism and diversity of services offered by your association. And to thank the new committee for their faith in my ability to continue for another year chairing an amazing team.

On behalf of your executive, I want to thank existing members for retaining your support of our association, and to thank those who have recently joined. If every member encouraged one more company to join, we would start to achieve real momentum required to actively address issues faced regularly by our industry.

The coming year will continue to provide challenges – not the least of which will be continuity of supply of materials (due to current and on-going international sea and air freight issues). Comparing with the supply situation being faced by carbon steel users (with iron ore at the highest price levels since 2013) I believe that we are in a much better position as an industry.

On behalf of the executive, we wish you all a safe and relaxing Christmas holiday season ahead so that 2021 can be faced with renewed energy and ideas.



Paul Gapper



The NZSSDA Executive Committee: David Mohn, Ian Foster, Boyd Carruthers , Cherie Milne, Paul Gapper, Gavin Fuszard, Mick Bell and Campbell Batts.

CODE OF PRACTICE
FOR THE FABRICATION
OF STAINLESS STEEL
PLANT & EQUIPMENT



What is the Blue Book?

On joining NZSSDA a free copy of the NZSSDA Code of Practice for the Fabrication of Stainless Steel Plant & Equipment is available. Make sure you have received your member copy. If you are not a member or would like an additional copy please complete the order form on the website www.nzssda.org.nz.



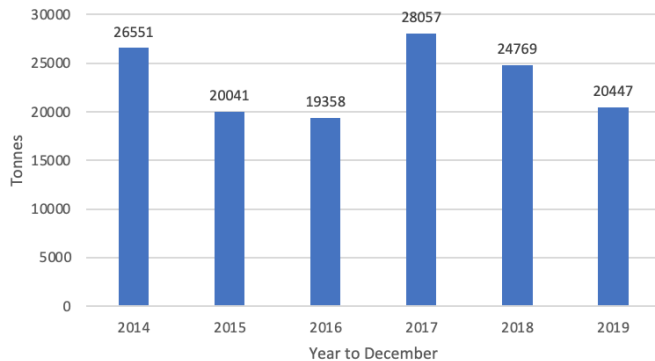


AVAILABILITY OF STAINLESS STEEL IMPORT DATA



Since some time in 2018 the import data available from Statistics NZ on stainless steel has become limited. If an exporter and/or importer requests suppression, aggregated data that identifies individual trade transactions, can, at the discretion of the Government Statistician, be suppressed in future publicly available tables. suppression on a number of tariff codes that relate to stainless steel. Here is the link explaining how trade confidentiality works. <https://www.stats.govt.nz/about-us/legislation-policies-and-guidelines/trade-confidentiality/>.

Stainless Steel Imports - confidential steel groups
(Annual to Dec) Quantity in Tonnes



Confidential items relating to Stainless Steel imports that are suppressed

7219210000 Steel, stainless; flat-rolled, width 600mm or more, hot-rolled, (not in coils), of a thickness exceeding 10mm

7219220000 Steel, stainless; flat-rolled, width 600mm or more, hot-rolled, (not in coils), of a thickness of 4.75mm or more but not exceeding 10mm

7219310009 Steel, stainless; flat-rolled, width 600mm or more, cold-rolled, 4.75mm or more thick, not coiled

7219320009 Steel, stainless; flat-rolled, width 600mm or more, cold-rolled, 3mm or more but less than 4.75mm thick, not coiled

7220200009 Steel, stainless; flat-rolled, width less than 600mm, cold-rolled, coiled, less than 153mm in width

How Statistics New Zealand applies the suppression

- The suppression periods currently available are:
 - three-month rolling suppression
 - minimum 12-month non-rolling suppression with lifting of the suppression for data older than 12 months, following annual review
 - minimum 24-month non-rolling suppression with review after a minimum of 24 months have elapsed following initial suppression, and annually thereafter.
- Statistics New Zealand will suppress the data for the shortest period consistent with protecting the interests of the business concerned. The facility to suppress data for discrete periods up to 24 months is already in place as an interim amendment to the previous policy.
- When a code has been granted confidentiality, the suppression is then applied to the reference month, as stated in the letter to the exporter or importer.
- All 10-digit NZHSC items that are confidential are combined into a 10-digit confidential code 9809.00.00.00 "Confidential items", for the required period of suppression. After this suppression period expires, these items are then assigned back to their correct NZHSC code(s) and chapter(s). Prior to April 2002, the confidential item code was 9709.00.0009. Should it be possible to indirectly calculate the content of some sensitive cells after this process, additional suppression of non-sensitive cells may be employed to protect sensitive cells.
- When the suppression facility is put into place for the first time, data is suppressed not only for the reference month, but for the three months prior to the reference month as well, so that all new and updated data is suppressed. This is because, for a given release of a reference month, the first three months are provisional and the fourth month is made final.
- Statistics New Zealand will publicly notify all users of all suppressed NZHSC codes through its website: www.stats.govt.nz.
- Statistics New Zealand will publicise the updated confidentiality policy for the release of international merchandise trade statistics. This includes, but is not limited to, making the policy available on the Statistics New Zealand website and via the New Zealand Customs Service publications.

CHROMIUM MEMBER



www.wakefieldmetals.co.nz



www.steelandtube.co.nz



www.vulcan.co

GOLD MEMBER



www.stainlessproducts.co.nz



www.nickelinstitute.org

LES'S CORNER - TRUE OR FALSE

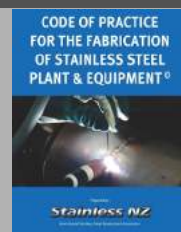


Welcome to Les's corner where he will ask and answer a True or False Question.

Q. A sample of stainless steel pipe is quite magnetic when tested with a magnet. The magnetism indicates that the stainless steel pipe will have poor

corrosion resistance when put into corrosive service.

This is because stainless steel grades (SS) that are magnetic always have poorer corrosion resistance when put into a corrosive service environment. The magnetism test on the SS confirms this.



ISSUE 70 OF AUSTRALIAN STAINLESS IS OUT! ASSDA's, leading industry magazine devoted to showcasing the unique diversity and durability of stainless steel. Please enjoy the new articles featured in [Australian Stainless Online](#).



STAINLESS STEEL FOR DESIGNERS

If you are looking for a key property of stainless steels without going through a tedious search, then this document should help you. The most comprehensive, recent and unbiased publications on stainless steel properties are just here at your fingertips.

This is a handy reference source to help engineers and designers to decide whether to use stainless steel, and, if so, which grade to use. The brochure has chapters dealing with a wide range of relevant topics, from abrasion resistance to fire resistance and further on to mechanical and physical properties. The publications to which it refers can be downloaded from links provided in the brochure.

An update of this document is now available. [Click here.](#)

STAINLESS STEEL PRODUCTION DECREASES BY 7.8% TO 36.7 MILLION TONS IN THE FIRST NINE MONTHS OF 2020

Brussels 17 December 2020 – The International Stainless Steel Forum (ISSF) has released figures for the first nine months of 2020 showing that stainless steel melt shop production decreased by 7.8% year-on-year to 36.7 million metric tons. [Click here.](#)



INNOVATION STAINLESS STEEL ARCHITECTURE

TEXT BY *APERAM STAINLESS FRANCE*

Sustainable school design

Inaugurated in 2019, the new MiriamMakeba primary school has added a touch of modernity to a traditionally immigrant neighbourhood in Nanterre, France. Named after the legendary South African jazz singer and anti-apartheid advocate, the 4,050 square metre building blends in perfectly with its surrounding neighbourhood, including the adjacent 113 m high Hauts-de-Seine tower. Capable of accommodating nearly 400 students and 50 staff, the building also satisfies the city's commitment to sustainable building. [Click here](#)



Thank you to ISSF, ASSDA, Stainless Steel World and the Nickel Institute for permitting NZSSDA to link to the articles on their websites.

LES'S CORNER - AND THE ANSWER IS

Answer - False

The older grades of SS, such as ferritic type 430 and martensitic type 410, are magnetic and they have only fair corrosion resistance in corrosive service. Also, when austenitic grades of SS, such as type 304 which has good corrosion resistance, are cold worked they can become slightly magnetic. But duplex grades of SS, such as type 2205, are quite strongly magnetic and they have excellent corrosion resistance when in corrosive service.

In practice, there is no direct relationship between magnetism and the corrosion resistance of any sample of SS.

Reference: *Blue Book* Appendix F, Common Stainless Steel Grades.

