

### NEWS

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### CHAIRMAN'S REFLECTIONS

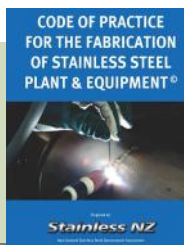
Covid circumstances / lockdown meant that our AGM was unable to be held face-to-face, and it was re-scheduled via Zoom, resulting in possibly more non-executive attendees than we would otherwise have expected (and thanks to Steve we included a Wellington member presence). Despite so many setbacks resulting from Covid locally and internationally, it has forced the majority of us to up-skill rapidly to using on-line technology (most of which was already available, but like so many others, I kept deferring the need to "get involved"). The actual and potential benefits forced upon us might result in communication and productivity gains that to date had eluded us.

Thank you to those members who participated in the election of our new Executive, which has finally resulted in breaking two "barriers" – not only are more members based outside Auckland, but there is only one merchant represented. As a result, we have already held a meeting in Hamilton with a second planned for November (with Zoom available for those unable to travel). And our ambition to have an organisation actively driven by fabricators and manufacturers has eventuated. Sub-committees have been established which will hopefully allow more progress to be made outside full meeting times.

A further example of the benefits of Covid conditions is the progress that has been made by the AS1528 technical committee. Once again, being able to meet via Zoom means that travel time is removed, and more regular / quicker meetings have been possible. The end result – we are very close to having a proposal ready to send to the Australian review committee, and to distribute to members and interested parties for feedback and review.



Paul Gapper



#### 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](http://www.nzssda.org.nz).

### STAINLESS STEEL FUN FACTS

Stainless steel is an ideal metal for many different environments. It's corrosion resistant and low maintenance, making it desirable for both indoor and outdoor applications. Want to learn more about stainless steel? Here are ten interesting links from around the web.

**Fact#1.** Stainless steel is resistant to stains and rust which comes from its high chromium content.

**Fact#2.** Stainless Steel was discovered during a weapon experiment.

**Fact#3.** Stainless steel deodorizes.

**Fact#4.** Stainless steel expands and contracts.

**Fact#5.** Stainless steel is 100% recyclable.

**Fact#6.** Construction is one of the largest end-use industries of stainless steel products.

**Fact#7.** Stainless steel can be made into soap.

**Fact#8.** Some stainless steel is magnetic.

**Fact#9.** Harry Brearley is credited with the invention of rustless steel, later to be called stainless steel.

**Fact#10.** Stainless steel is also known as inox steel. Which is from the French word "inoxydable".



Image source IMOA



The New Zealand Stainless Steel Development Association launched a new brand and website in August as it looked to increase knowledge and champion the use of stainless steel throughout the country.

Having previously encountered a few bumps in the road in 2019 the committee faced obvious challenges from the global pandemic that compounded both everyday operation and their previous online presence.

The online development was a high priority for the organisation as it sought to continue providing stainless steel technical support to fabrication companies, consulting engineers and architects throughout New Zealand.

NZSSDA Chairman Paul Gapper acknowledges the difficulties of coordinating a re-brand and website build, "however the need for change was simply too big to ignore." "Truthfully, the event (lockdown) caught up with the committee quicker than we were possibly prepared for," says Gapper. "With commitments to full-time industry positions they had to rise quickly to the challenge, and I'm proud of the response."

Metals NZ Chief Executive Nick Collins contributed with an introduction to and subsequent appointment of design agency Glue Creative. From there, committee members Tim Dalgliesh and Paul Gapper worked closely with the agency to ensure the work was undertaken with the necessary speed and accuracy.

*"...the new design approach allows us to stay on the front foot with up-to-date information that can be easily accessed by our members..."*

Thanks to the vision and financial support from HERA, and its CEO Dr Troy Coyle, the project group was able to work on both a new visual identity and the website in one cohesive approach.

Everything started with the brand says designer Kiriana Glasson, Glue Creative owner. "It was important that we created a fresh, dynamic look that took the organisation from a strict industrial focus to a more corporate aesthetic – all without compromising the integrity and history of the brand," says Glasson.

The 'S' letterform provided the opportunity to create a "sense of woven, folded metals" says Glasson. "From there we could extend this design through all the written and online communication needed by the group."



For Paul Gapper the new site is "chalk and cheese" when compared to the previous one. "It's simply unrecognisable to the old site," says Gapper. "There's a new professional look that's responsive across all online platforms."

"As importantly, the new design approach allows us to stay on the front foot with up-to-date information that can be easily accessed by our members," he says. "By doing so we can help our members stay informed, anticipate market needs and push ahead with the necessary training and accreditation to meet this demand."

The successful project now provides NZSSDA with a platform upon which to launch new resources in support of its members and Gapper anticipates further online development in 2020. **See more on the website**

CHROMIUM MEMBER



[www.wakefieldmetals.co.nz](http://www.wakefieldmetals.co.nz)



[www.steelandtube.co.nz](http://www.steelandtube.co.nz)



[www.vulcan.co](http://www.vulcan.co)

GOLD MEMBER



[www.stainlessproducts.co.nz](http://www.stainlessproducts.co.nz)



[www.nickelinstitute.org](http://www.nickelinstitute.org)

## LES'S CORNER

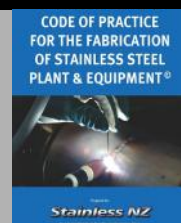


Welcome to Les's corner where he will ask and answer a True or False Question.

Q. During the fabrication of stainless steel plant and equipment it is desirable but optional for the fabricator to employ a proper Quality Assurance

System?

Is this question true or false, the correct answer is on page 4 of this newsletter or refer to your copy of the Blue Book.



**ISSUE 69 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](#).



**ISSF WEBINAR: BUILDING BRIDGES FOR GENERATIONS - SHORT REPORT**



The very first ISSF Webinar for the public took place on 9 July 2020. There were 115 attendees

in the first session and 155 in the second one. In addition the video of the webinar, which was posted on YouTube, has had 280 views so far.

Did you miss the webinar [click here](#) to view.

**STAINLESS STEELS IN FILTRATION**

ISSF has republished its document on Stainless Steel in Filtration. A wide panorama of stainless steel usage in filtration applications is available ranging from the oil and gas industry, water applications, filtration of air, filtration in food and beverage and automotive applications are covered.



The document can be downloaded from the ISSF Website. [Click here](#)

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



**GETTING TO KNOW THE MEMBERS - INDUSTRIAL TUBE**

**Industrial Tube recognised for staff sustainability in the Sustainable Steel Council Audit**

Frankton – for residents of Hamilton, it's a suburb known for its Saturday markets, the model shop which has been selling kits and supplies to enthusiasts since just after World War II, and the city's railway station, soon to be the base for Te Huia, the Hamilton to Auckland passenger rail service.

Yet, unknown to many, Frankton is also home to one of New Zealand's busiest steel mills, Industrial Tube Manufacturing (ITM). Founded by Peter Green in 1985, Industrial Tube became a member of the Sustainable Steel Council (SSC) in July this year, when much of the country was in lockdown.

Ian Foster, Industrial Tube's General Manager, says ITM's accreditation with the SSC reflects the mill's commitment to joining the steel industry in driving conversation and change around sustainability in the sector.

"We've always sought out partners who have a like-minded approach to operations, and those connections now need to be in the sustainability space," says Foster, a member of the New Zealand Stainless Steel Development Association (NZSSDA) executive team, 2020-2021. "The steel sector must take the lead on sustainability if we're to mitigate potential loss in our sector, and Industrial Tube is very aware and committed to being a driver of that."

ITM's focus on future sustainability is reflected in the results of its recent SSC Accredited Member Audit: 76.5-100% of the steel the mill sources is from 'Responsible Steel Makers', and the team has analysed all critical environmental control points within the business in the last 12 months.

But it's the Human Capital matrix where Industrial Tube really succeeds. The firm's staff wellness programme, accessibility to mental health services, diversity and inclusivity policies, and ongoing contribution to registered charities and local community organisations place Industrial Tube in the upper bracket of the SSC audit.

"Our commitment to sustainability starts from within," says Foster. "For our operations to succeed, and for us to deliver to our clients, we have to ensure the environment our staff come to work in each day is sustainable. It's something we place great value on and is non-negotiable. Seeing our efforts recognised as a member of the SSC audit is rewarding."

Joining organisations such as the NZSSDA and the SSC helps keep companies up to date with best practice and expands the family of Responsible Steel Makers throughout New Zealand



Sustainability starts from within

## **Chairman - Paul Gapper - Stainless Products (Ltd) and Stainless Products (SI) Ltd**

Paul's passion for stainless steel started in 1979 working for NZF Stainless in Hamilton, and included working in Sydney before returning to Auckland on 2003. In 2016 he joined Stainless Products and is a director of Stainless Products (SI) Ltd. During a 40 year industry involvement, the greatest pleasure has been the opportunity to make friends within an industry that covers Ireland to Taiwan / Australia to USA as the stainless community spans the globe.

Until recent years hockey was the sporting passion, from playing for Massey University to umpiring Premier grades in Sydney. Nowadays, regular gym attendance keeps the aging body flexible, while stage managing community theatre challenges the mind.

## **Deputy Chairman - Campbell Batts -Spiralweld Stainless (Managing Director)**

Campbell and his wife purchased Spiraweld in 2013, a business which has been well known in the Stainless industry since the 1980s. Campbell has a general business background but has always enjoyed engineering related challenges.

Based in Auckland the wider family now extends to grandchildren. Outside of work, Campbell likes to keep active, loves time spent on boats and supports initiatives that will motivate and inspire the younger generation.

## **Ian Foster - Industrial Tube Mills (General Manager)**

Ian joined Industrial Tube in October 2009 and has moved steadily through the business and was promoted to General Manager in December 2017. Ian served in the NZDF for 21 years and spent time at Fulton Hogan and worked overseas .

Ian lives in Hamilton and is married with two children. His spare time is divided between grandchildren, the garden and the workshop, restoring old vehicles.

## **Boyd Carruthers - Stainless Works (Managing Director)**

Boyd is the managing director at Stainless Works Limited , he bought the business in 2004. Boyd graduated in 1997 with a trade certificate and completed an apprenticeship at NDA Hamilton.

He lives in Auckland with his wife and three children. When work and family allow you will find him out fishing.

## **Mick Bell - Southern QA Ltd ( Director & Hamilton Manager)**

Mick is a director and Hamilton manager of Southern QA Ltd, an IANZ accredited testing Laboratory/inspection body. Mick studied in England during the 80's before moving to Denmark and working there for 8 years having married a Dane. They moved back to NZ in 1993 and have 3 sons now all in their 20's.

Mick is passionate about engineering having worked in the industry for 40 years and being on the executive of the NDTA and the approval and applications committee of CBIP. When not working Mick can either be found gardening or fishing up around Coromandel.

## **David Mohn - NDA Group (Procurement Manager)**

David is NDA's Procurement Manager having been in this role for 2 years. He has been involved in the manufacturing sector for 20 years, mostly in Aluminum with the last five years being involved in the stainless steel sector.

David is a strongman competitor who trains 4 days a week and is prepping for the Nationals in Hamilton in December. He loves spending time with his son at the beach or supporting him on the sideline at his soccer games.

## **Gavin Fuzsard - Longveld Ltd ( Systems Manager)**

Gavin is the systems manager at Longveld Limited, having progressed from a senior fabricator to project engineer, project engineer manager, quality assurance manager. Gavin served his apprenticeship at MacArthur Engineering & Sheetmetal completing it at GEA Avalon Engineering. He spent 5 years overseas in Australia for the wine industry and in England on the London underground. He has completed the qualifications of welding supervisor and inspector to support his Quality assurance manager role at Longveld.

Gavin and his family live in Otorohanga with his out of work activities includes running a martial arts club, being the uber driver for his sons sports and skateboarding.



**Les's Corner question the correct answer is False.**

The fabricator shall have a documented Quality Assurance System in accordance with the requirements of AS/NZS/ISO 9001 or AS/NZ/ISO 3834 QA Standards. Refer to the Blue Book Page 9.

Proud of a project that you have completed or is it something that is a bit different. If you would like to have it featured on the NZSSDA website or in the quarterly newsletter then contact Cherie at [admin@nzssda.org.nz](mailto:admin@nzssda.org.nz).

On 5 October Metals NZ hosted National spokesperson for SME's and Manufacturing Andrew Bayly to four metals manufacturing factory visits in Hamilton. Of the four businesses that were visited three are NZSSDA members – NDA, Industrial Tube and Longveld. The other manufacturer visited was INEX.

Why National – well Andrew is the only MP Metals NZ are aware of who read the Manufacturing Matters report (or the summary anyway – refer <https://metals.org.nz/2020/09/02/waking-up-to-the-potential-of-nz-manufacturing/>) and developed National's manufacturing policy, much of which was copied from Metals NZ Manufacturing Manifesto.

To his credit Andrew showed genuine interest in manufacturing businesses and was stunned to learn that

- New Zealand has some of the highest per capita consumption of stainless steel in the world (largely due to dairy and viticulture industries).
- Hamilton is the second largest aluminum processing center in the southern hemisphere employing over 350 people and generating over \$1.0 bn in sales.

Andrew was clearly fascinated by the high level of technology employed, and was amazed at the level of exports generated and intrigued by the high level of craftsmanship employed.

Following the factory visits there were round table discussions with the representatives of the manufacturers where they shared their challenges and opportunities which included some insightful discussions on:

- Support required to accelerate transition to Industry 4.0, and in particular the role of data
- Government providing a fair and level playing field for manufacturing and the role of government procurement in maximizing opportunities for local business.
- Role of skills development in businesses to support adoption of new technologies and enhance productivity.
- Importance of diversity in workforce and enhancing attractiveness of manufacturing to youth in schools.
- Building manufacturing sector capability through closer collaboration amongst members on common issues – like governments strategy for manufacturing!

Metals NZ will continue to maintain contact with Andrew as he has a real interest in manufacturing and hopefully he will call government to account on issues important to manufacturing.



Photo: Julian Green, Ian Foster & Trevor Collins from Industrial Tube with Andrew Bayly - National spokesperson for SME at Industrial Tube, Hamilton



## MORE NEWS FROM AROUND THE WORLD

### Stainless surge revives nickel market, but surplus still looms

LONDON (Reuters) - Rapidly rising stainless steel production in top consumer China has helped to preserve demand and prices of key ingredient nickel, but analysts still expect a supply overhang of the metal valued for its anti-corrosive properties. **Read more**



FILE PHOTO: Men work on transporting nickel laterite ore on a truck at Ganyu port in Lianyungang, Jiangsu province, China June 11, 2019. REUTERS/Stringer

### Stainless Steel and Fire Resistance

What is the fire rating of stainless steel? This is a common enquiry from ASSDA Members and the construction industry, especially with the current concerns about flammable cladding. The three major branches to this question are covered in this article. **Read more**



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