



Aluminium Piping and Vessel manufacturing



A recognized experience in Aluminium products for over 30 years

- Manufacturing of high technicity equipment for cryogenic applications
- Wide selection in piping and pressure vessel design
- Certifications and qualifications for any kind of weld design

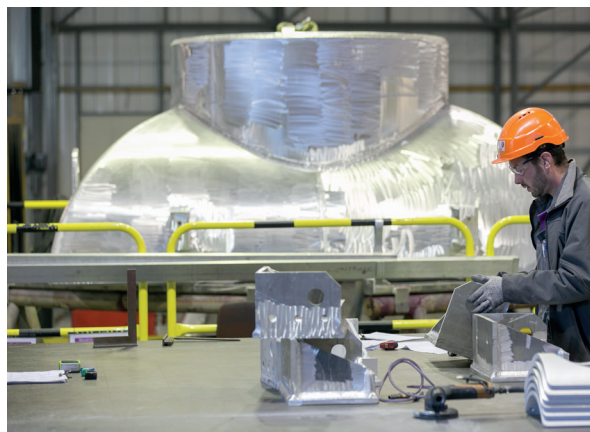
Global but customized solutions

Through its Piping Solutions activity, Fives performs works in aluminium piping and vessel, such as:

- Cold boxes for cryogenic plate heat exchangers,
- Pressure vessels, column, tubular heat exchanger,
- Head stamping, sheet forming,

These works are dedicated to miscellaneous businesses, in particular with contractors and engineering companies involved in liquefied gas production or cryogenic applications.

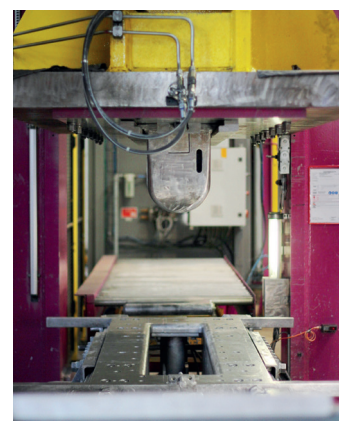
Beyond the shop prefabrication Fives supports its customers with inspection, delivery and on-site erection.



Piping
Diameter from 21 mm to 3,000 mm
Thickness from 2,77 mm to 40 mm
Seamless or seam welded pipes

Vessel
Stamped header (seamless design) - Prefabricated header (welded design with notched ends) - Diameters from 21 mm and up to 1000 mm
3,500 mm diameter dome
Stamped head of 13 different diameters, from 8 mm up to 40 mm thick and 2,200 mm length

Main aluminium grades
1050
5083
5454
5754
6060



A HIGHLY SKILLED AND QUALIFIED PARTNER

Fives Nordon is certified and qualified according to numerous codes, standards and regulations (U Stamp, ADHP, SELO...) for any kind of weld assemblies:

- up to 40 mm in GTAW and manual GMAW
- Up to 90 mm in automatic GMAW

Fives Nordon has also developed some innovative processes such as orbital GTAW on aluminium pipes.

REFERENCES

AIR LIQUIDE - ELENGY - GE GRID - SASSOL



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