



QUALIFICATION N° PIP-0377/1B

With respect to the C4Gas qualification procedures, and for which the purpose is the supply of **steel pipes** for natural gas & hydrogen transmission and distribution networks,

C4Gas SAS hereby certifies that
VOESTALPINE TUBULARS GmbH & Co KG
Alpinestraße 17, 8652 Kindberg Aumühl, Austria

is qualified subject to the following conditions:

- For the needs of **Fluxys, GRTgaz and GRDF**
- With the respect to the specifications **TS-C4Gas-PIP0v10, TS-C4Gas-PIP2v5** (Fluxys) and **TS-C4Gas-PIP3v5** (GRTgaz) and the deviations and clarifications agreed in the PTDs. ⁽¹⁾
- Process of manufacturing: **Seamless**
- Outside Diameter (*): **33.7 to 168.3 mm** (with possibilities until 200mm for atypical pipes)
- Wall Thickness (*): **2.6 to 35 mm** (see detail on size range table)
- Steel grade : **L245N to L360N**
- Fluid: **Dry and sour gas** (including H2 for Fluxys)
- Valid until: **December 31st, 2026**

The product qualification is granted in the limit of the manufacturing procedure performed as prescribed in the C4gas specifications.

And subject to there being no material change to the ability ⁽²⁾ of the manufacturer on which this qualification is granted, and/or to satisfactory performance.

⁽¹⁾ The technical questionnaire and the audit report are also part of this qualification.

⁽²⁾ It is the responsibility of the supplier to keep C4Gas informed of any matter that may affect its continued ability to meet the criteria of the qualification system.

Paris, on 3rd of December 2021

Odile CAZENAVE
CEO
C4Gas SAS