

CARBON CAPTURE APPLICATIONS



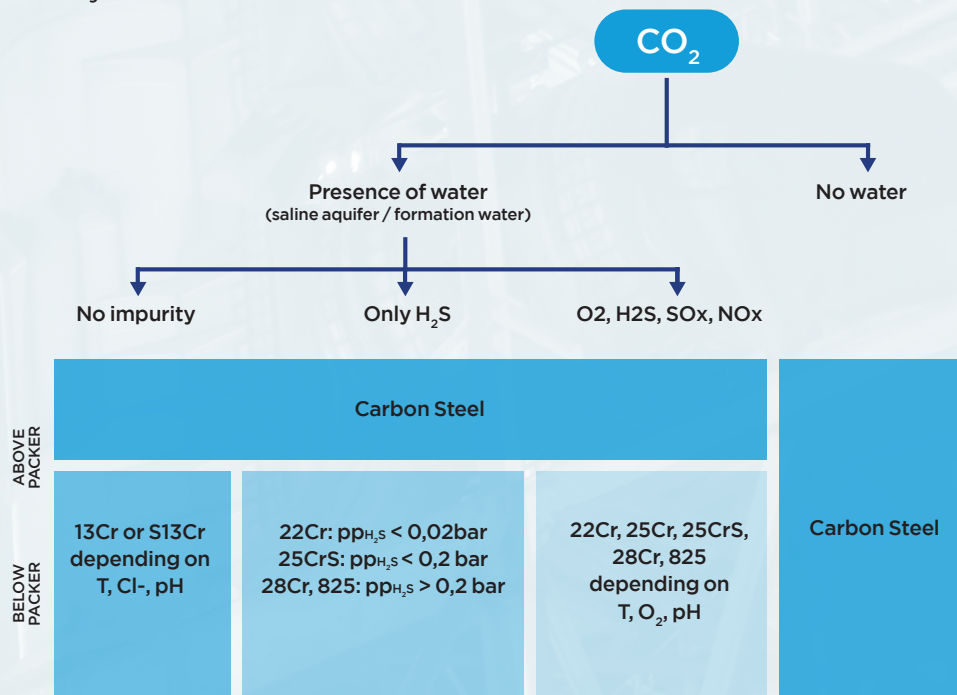
**YOUR CHALLENGES,
OUR SOLUTIONS**
TRANSPORTATION
STORAGE

OUR ANSWER IS A VERY COMPETITIVE RANGE OF TUBULAR SOLUTIONS FOR EVERY ENVIRONMENT

Using our expertise in the energy industry, we can offer Carbon Capture Utilization and Storage (CCUS) operators the right tools to overcome extreme temperatures, high pressure and corrosion challenges.

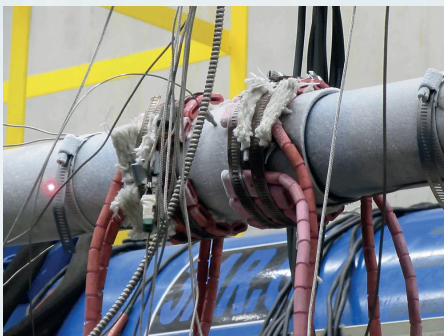
MATERIAL SELECTION TO AVOID CORROSION IN CCUS

Vallourec offers a range of seamless tubular products for the transport and storage of CO₂ that help operators address material integrity challenges such as corrosion and mechanical failure. Our material expertise enables us to provide the right grades with optimized mechanical properties and weldability.



VAM® CONNECTIONS QUALIFICATIONS

Vallourec's comprehensive qualification program has proven that VAM® connections can withstand the conditions required for carbon capture storage while keeping full tightness and integrity.



3-1/2" VAM® 21 CLEANWELL®	
Thermal & pressure cycling	500 cycles
Temperature range	-20°C - 40°C
Tension maximum	100% CEE
External pressure maximum	430 bar
Internal pressure maximum	255 +/- 25 bar
Delta temperature maximum	80°C
Thermal shock	-80°C
Gas mixture	100% CO ₂

NEED MORE INFORMATION?

Information is available online on solutions.vallourec.com or by scanning the following QR code.



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