



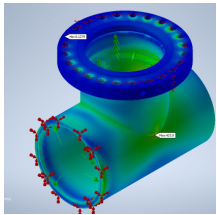
**Managing your asset integrity and risk
with reliable, efficient and safe
engineering solutions**

www.wellube.com

Wellube offers specialist engineering products and services for flow management intervention & integrity, turnkey valve reliability management and onsite precision machining to the global oil and gas, renewables, power, petrochemical and infrastructure industries.

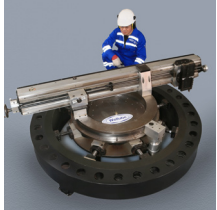
With over 20 years of experience in the industry, Wellube's technical knowledge, commitment to safety and hands-on approach is trusted by clients to provide them the best available solution for their dynamic operational challenges.

WHY CHOOSE WELLUBE AS YOUR ONE-STOP ASSET MAINTENANCE



Designing Capabilities

Our in-house design engineers are experts in custom designing fittings compliant to international codes and standards that best suit your asset maintenance and repair requirements.



Engineering Expertise

Experienced engineering team to analyse and design tailor made solutions for your challenges from end-to-end.



Customised Manufacturing

All products are manufactured to meet client specific requirements as well as to comply with international codes like ASME, API, ASTM and can be further validated by third party organisations like DNV, TUV among others.



Competent and Trained Workforce

With decades of knowledge, proficiency and continuous in-house training, our engineers and technicians are equipped to handle projects efficiently and deliver the highest standards of operational excellence.



Safety and Quality Always

All our products are delivered with stringent quality checks and our services follow complete compliance, thereby providing our customers the highest levels of quality assurance.

Wellube is accredited and certified to globally recognisable standards ISO 9001, 14001 and 45001.





FLOW MANAGEMENT INTERVENTION & INTEGRITY SERVICES







In the industries ranging from oil and gas to infrastructure, the safety, productivity and cost of operation is directly proportional to asset integrity and continued operational performance. Wellube continues to be at the forefront of executing hot tap and line stop, under pressure leak sealing and pipe freezing across industries globally.

We provide an integrated solution for flow management which includes scope and specification development through client interaction, engineering evaluation, design & manufacture, quality and safety testing and project execution.

HOT TAP, LINE STOP AND IN-SERVICE WELDING



Our range of specialist hot tapping equipment allows a connection to be made to a piping system or a vessel (onshore or subsea), **without shutdown or interruption to production**. Our services can also perform a temporary intervention and isolation of the pipeline while it is operational (therefore avoiding downtime), to provide rectification to the pipeline or to restore integrity of the system.

-  **Industries** – Oil and gas, petrochemical, power, construction, infrastructure.
-  **Pipe type** – Most types ranging from carbon, stainless and ductile steel to GRE, HDPE.
-  **Hot tap range** – Up to 84”.
-  **Line stop range** – Up to 48”.
-  **Pressure range** – Up to 1000 psig as a standard.
-  **Temperature range** – 375°C for hot tap/160°C for line stop.



Wellube manufactures specialised hot tap/line fittings in-house based on client requirements in line with the ASME codes. As a complete turnkey service, we also have a team of certified in-service welders available to meet the wide and varied requirements of customers.

All high-pressure line stop operations require a size on size hot tap. However, in low pressure systems, we can provide isolation using inflatable bags or folding head. Advantages of this method is that a smaller tapped hole is made to achieve isolation, therefore using a smaller fitting and equipment, which are convenient to use in congested locations. We also perform wellhead hot taps to check for trapped gases and as well as drill through stuck wellhead gates to re-access the wells.

We provide a complete tailor-made package for your hot tap and line stop requirements, from designing, manufacturing and installation of the fittings on the system to performing the intervention. We conduct live interventions on pipeline systems and can support tasks of every scale, from the smallest bore emergency operation to the largest planned intervention campaign.

UNDER PRESSURE LEAK SEALING

A leak from a piping system during operation can lead to the escape of line medium into the atmosphere and depending on the severity of the leak, it could lead to an unplanned & costly shutdown.

Wellube maintains a stock of semi-finished clamps and our in-house manufacturing facilities enables us to provide a quick turnaround to arrest leaks with minimal loss of production and environmental impact. Our selection of specially formulated compounds is compatible with most line mediums encountered in normal plant operations.

Every clamp is identified with a unique number thus ensuring full material traceability, and follows strict inspection processes at various stages prior to dispatch.




 **Industries** – Oil and gas, petrochemical, power, construction, infrastructure.

 **Pipe type** – Carbon and alloy Steel, GRE and HDPE.

 **Pressure range** – Vacuum to 8500 psi.

 **Temperature range** – 196°C to 1000°C.





 **Line Medium** – Steam, acids, chemicals, hydrocarbons.

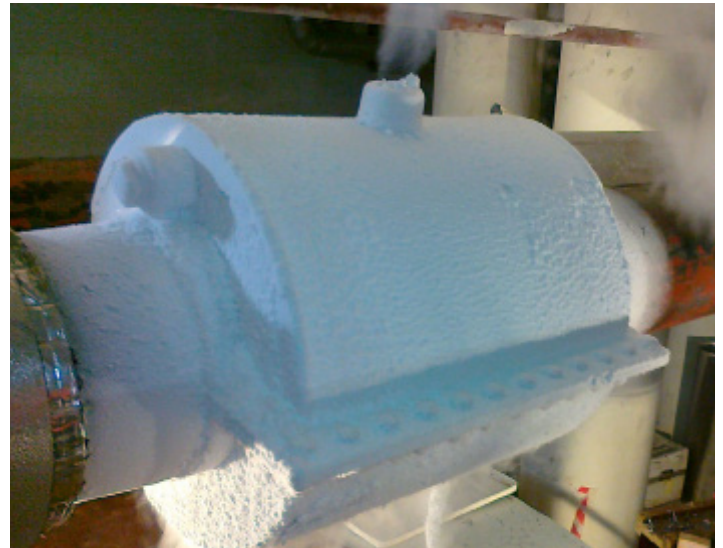
Wellube offers under pressure leak sealing as a complete turnkey service - from assessing the leak, designing and engineering the suitable clamp and sealing the leak, this ensures high plant uptime and reliable operational results.

PIPE FREEZING

This is a non-intrusive method for isolation of a piping system to allow for modifications or maintenance downstream. A major advantage to this process is that it does not involve the complexities required for a line stop operation and has the advantages of achieving an isolation at much lower costs and without the added downtime of a system drain down.

The isolation is achieved by means of a controlled formation of a solid ice plug within the pipeline using liquid nitrogen. The plug(s) formed adheres to the inner pipe wall and can withstand extremely high-pressure differential. For smaller pipe diameters, we have systems which does not use liquid nitrogen, thus making logistics and mobilisation easy and fast.

-  **Industries** – Oil and gas, petrochemical, power, construction, infrastructure.
-  **Pipe type** – Carbon and alloy steel.
-  **Pipe Diameters** – Up to 24" / DN600.
-  **Line medium** – Water as a standard in zero flow conditions.



This technique is commonly used on in district cooling systems, fire main systems and sea water injection lines and also has application within petrochemical operations.

We offer a complete package to meet all your maintenance requirements from initial survey to providing all necessary equipment and personnel to complete the project, including system recommissioning.

OUR GLOBAL PRESENCE



MIDDLE EAST

UAE

Sharjah
T. +971 6 5130333

QATAR

Doha
T. +974 44147079

SAUDI ARABIA

Riyadh and Al Khobar
T. +966 13 802 0614

AFRICA

SOUTH AFRICA

Cape Town
T. +27 21 835 7900

ASIA PACIFIC

SINGAPORE

Singapore
T. +65 9712 7732

INDIA

Navi Mumbai and Vadodara
T. +91 22 27619939/40/41/75

AUSTRALIA

PERTH

Perth Airport Park
T. +61 418 205 212

EUROPE

UK

Cowes, Isle of Wight
T. +44 1983 290 525

Aberdeen, Scotland

T. +44 1224 723 742

NETHERLANDS

Werkendam

T. +31 850 513 700

T. +31 850 513 750

USA

CENTRAL

Houston, Texas

T. +1 713 937 6193