

DOOCEY®

Pipeline Resilience



Having the right techniques, experienced workforce and the specialist equipment is essential for pipeline projects, especially where customer interruption can be avoided.

The ability to perform various pipeline solutions in-house, can often simplify the biggest challenge saving vast time and money for our clients.

Our engineers have a wealth of experience from all over the world enabling us to offer the latest methods to the highest standards.

Our services include:

Under Pressure Drilling / Hot Tapping

Line Stopping

Pipe Cutting / Cold Cutting

Under Pressure Valves

DOOCEY® GROUP

For more information telephone 0121 520 9874,
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Under Pressure Drilling / Hot Tapping

This method provides a connection onto a pressurised main without any interruption to supply. It avoids any requirement to shut down the system

The installation is completed without leakage or loss of supply. This procedure can be carried out on most pipelines including steel, cast iron, ductile iron, asbestos cement, PVC, copper or MDPE.

Doocey Group's technical engineers use the latest coupon retention technology available. When a hot tap is performed, the wired pilot drill retains the coupon for recovery when the process is complete.

Advantages associated with under pressure drilling:

- An ideal option when shut-down is not practical
- No major disruptions to pressurised systems
- No leakage or loss of flow
- Can be done on almost all pipes
- Eliminates down time when the process is complete.



Line Stopping

Doocey Group technical engineers are specialists in this process. It is used to isolate a section of pressurised pipeline without causing any interruption to the supply and customer services.

The pipeline can be operated under normal conditions when used in combination with a bypass. This method allows for any maintenance, repairs, or modifications to be carried out to the pipeline without service disruption and in a cost-effective way.

Advantages associated with line stopping and bypassing:

- No need for complete shut-down of system
- No drain down of the system
- Suitable for almost all types of pipe
- Services maintained with little or no disruption
- No leakage or loss of flow
- Ideal for isolating sections of ring main.



Pipe Cutting / Cold Cutting

Doocey Group have technical engineers with the experience and machinery to carry out a pipe cutting service using the cold cutting method on all pipes regardless of condition or type.

The cold cutting method is the safest method of cutting pipe work in a controlled manner because it doesn't generate any sparks. It gives you a perfectly machined finish ensuring your modification, repair or maintenance works can be carried out with a higher level of precision.

This system allows for pipes to be cut swiftly and requires minimal clearance around the pipeline.

There are several methods, which vary depending on specific on-site requirements. We offer the most up-to-date and cost-effective solutions to cater for our client's needs.

Advantages associated with cold cutting:

- Extremely safe without generating spark, flame, or excessive heat
- No airborne contamination
- No chance of explosion
- Fast method
- Eliminates the need for grinding
- Minimal clearance required around pipework
- Cost productive.



Under Pressure Valves

Doocey Group technical engineers have the experience and machinery to carry out this process using the best quality fittings in the industry.

Under pressure valves offer an alternative option to line stopping. Typically, they are installed much quicker and only require a small excavation.

Advantages associated with under pressure valves:

- Faster & convenient installation than line stop method
- One excavation eliminating expensive multiple excavations
- No need for complete shut-down of system
- No drain down of the system
- Suitable for almost all types of pipe
- Services maintained with little or no disruption.

