

ON STREAM ENGINEERING SERVICES PVT LTD

Regd. Office : Z801, Amrapali Sapphire, Sector 45, Noida 201303

Phone : +919483521166

Email: info@onstreamengineering.com

Web: www.onstreamengineering.com

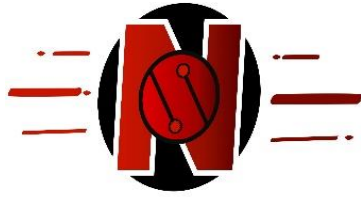


ON STREAM
ENGINEERING SERVICES
Integrity Partner

Hot tapping
Line Stopping
In Service Welding

Horizontal Directional Drilling
Cold Cutting
Pipeline Repair Sleeves

ON STREAM
ENGINEERING SERVICES
Integrity Partner



ON STREAM ENGINEERING SERVICES PVT LTD

Regd. Office : Z801, Amrapali Sapphire, Sector 45, Noida 201303

Phone : +919483521166

Email: info@onstreamengineering.com

Web: www.onstreamengineering.com

ABOUT US

We are a startup company based in Noida, Providing specialized services & products to the Oil and Gas, Water and other Utility pipelines of Process plants such as Refineries, Petro Chemical, Fertilizer, Power and Water desalinization, Aluminum, Iron and Steel Plants across India.

Our group of exceptionally qualified and experienced Engineers, Technicians and Operators will convey both expert skill and quality administrations. We are certain of understanding the customer's particular needs and enquiries, while offering able administrations and services at the best of Industry Standards.

With an efficient task force comprising of Engineers, Technicians & Operators we deliver reliable solutions for repair and modification of pipelines without flow shut down. With our research and development team, we conduct a detailed survey to understand the requirement of the pipeline owner, and deliver expertise, real time and cost effective solutions.

As our Service range covers In-Service Welding, Hot Tapping, Line Stopple, and Cold Cutting & Horizontal Directional Drilling – We are able to offer One Roof Solution for any Pipeline Owner/Operator's need of Repair, Modification or replacement of a live pipeline without affecting the flow and production.

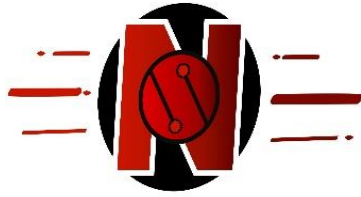
WHAT WE OFFER

We provide Specialized NO SHUTDOWN maintenance services like Hot Tapping & Line Stopple which enables the maintenance of Hydrocarbon OR Non-Hydrocarbon containing pipelines, without affecting the functionality of the pipeline. We also provide Horizontal Directional Drilling, Which enables trench less laying of Underground Pipelines. Our Services also include In-Service Welding, Cold Cutting & Pipe Repair Sleeves.

Hot tapping
Line Stoppering
In Service Welding

Horizontal Directional Drilling
Cold Cutting
Pipeline Repair Sleeves

ON STREAM
ENGINEERING SERVICES
Integrity Partner



ON STREAM ENGINEERING SERVICES PVT LTD

Regd. Office : Z801, Amrapali Sapphire, Sector 45, Noida 201303

Phone : +919483521166

Email: info@onstreamengineering.com

Web: www.onstreamengineering.com

OUR SERVICES INCLUDE:

- ✓ Hot Tapping
- ✓ Line Stopping
- ✓ Cold Cutting
- ✓ Horizontal Directional Drilling
- ✓ In Service Welding
- ✓ Pipe Repair Sleeves

HOT TAPPING a specialized service offered by us enables the pipeline owner to take a new branch connection from the existing pipeline, vessel or a tank, which is in service and under pressure. We use a specially designed Hot tapping machines, a full bore valve and either a nozzle pad fitting or a full encirclement fitting (Split tee). Tapping machine uses a specially designed cylindrical cutter, attached to a telescopic boring bar, driven by a hydraulic motor coupled to a precisely designed gear box. Our Specialized equipments are capable of executing



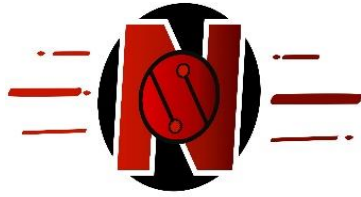
- Hot Tapping on Steel Pipelines for branch connections & Line Stops
- Lateral Hot Tap (Angle Hot Tap) on Steel Pipelines for branch connections
- Hot Tapping on Shells & Vessels (Tank Hot) to create new out lets on a tank/Vessel in service
- Drilling on Steel Pipelines & Vessels for Insertion of measurement probes

We can tap from ½" to 48, at any pressure ranging from vacuum to 110 Bar, at any temperature up to 350 Degree.

Hot tapping
Line Stopping
In Service Welding

Horizontal Directional Drilling
Cold Cutting
Pipeline Repair Sleeves

ON STREAM
ENGINEERING SERVICES
Integrity Partner



ON STREAM ENGINEERING SERVICES PVT LTD

Regd. Office : Z801, Amrapali Sapphire, Sector 45, Noida 201303

Phone : +919483521166

Email: info@onstreamengineering.com

Web: www.onstreamengineering.com

LINE STOPPING or Line Plugging is a specialised service designed for Repair, Modification, and replacement of a Pipeline without shutting down the flow. This Procedure requires In-Service Welding & Hot Tapping as primary operations, which is followed by insertion of plugging head with a sealing element into either ends of the pipeline intended for repair/replacement.



This procedure usually requires a bypass connection to ensure that the fluid continues to flow in pipeline through the temporary bypass until the repair/modification work on mainline is complete. With our specialised, precisely designed equipment set up, we can

perform a Line Stopple Operation on pipelines ranging from 6" to 48", at any pressure ranging from vacuum to 110 Bar, at any temperature up to 350 Degree.

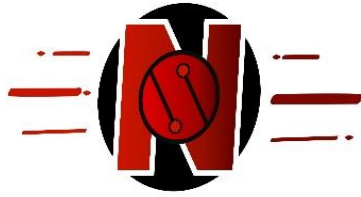
Our Range of Line Stop Services covers:

- Line Stop Using Pivoted Plugging Heads (For High Pressure, Ambient & High Temperatures)
- Line Stop Using Foldable Plugging Head (For Low Pressure & Ambient Temperatures)
- Line Stop Using Nitrogen Gas Balloons (For Ultra Low Pressure & Ambient Temperatures)

Hot tapping
Line Stopping
In Service Welding

Horizontal Directional Drilling
Cold Cutting
Pipeline Repair Sleeves

ON STREAM
ENGINEERING SERVICES
Integrity Partner



ON STREAM ENGINEERING SERVICES PVT LTD

Regd. Office : Z801, Amrapali Sapphire, Sector 45, Noida 201303

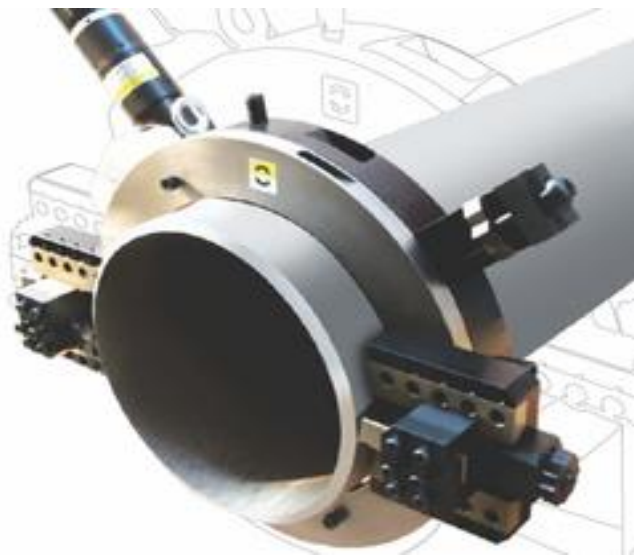
Phone : +919483521166

Email: info@onstreamengineering.com

Web: www.onstreamengineering.com

COLD CUTTING & BEVELLING

is one more specialized service that we offer to cut the pipelines, which are taken off service. We use a specially designed Split Frame Cutting machine mounted on outer wall of the pipeline, with a specially designed High Speed Steel Carbide tipped tool that rotates around the pipeline. Automatically driven feed screw advances the tool for a minute depth over every rotation, thus avoiding frictional spark during the cutting operation.



Cold Cutting Operation is an essential part of Pipeline replacement works though Hot Tapping & Line Stopple method. After performing the Line Stop Operation, Even though the Pipeline to be replaced/modified is free from hydrocarbons, Due to the presence of traces of Hydrocarbons on the inner wall of the pipeline and due to presence of fumes, The Pipeline is not feasible for Cutting & Grinding operations using conventional methods.

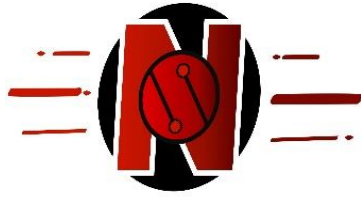
Our Specialized equipments & team of experienced operators ensure Spark free cutting & Beveling which eliminates the fire hazards.

Our Equipment Range is capable of carrying out cold cutting operation on various sizes of pipes starting from 6" to 48"

Hot tapping
Line Stopping
In Service Welding

Horizontal Directional Drilling
Cold Cutting
Pipeline Repair Sleeves

ON STREAM
ENGINEERING SERVICES
Integrity Partner



ON STREAM ENGINEERING SERVICES PVT LTD

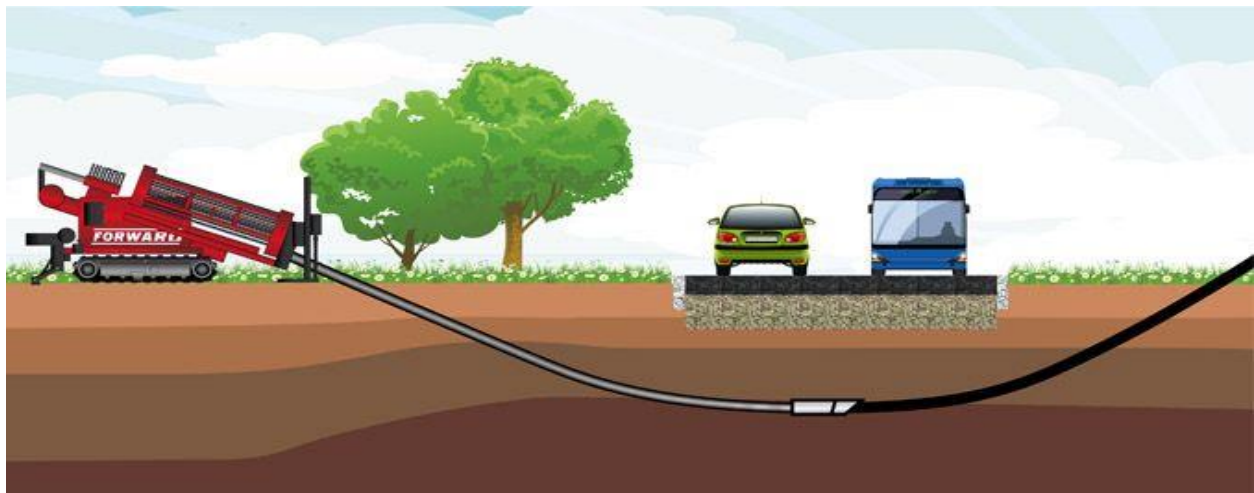
Regd. Office : Z801, Amrapali Sapphire, Sector 45, Noida 201303

Phone : +919483521166

Email: info@onstreamengineering.com

Web: www.onstreamengineering.com

HORIZONTAL DIRECTIONAL DRILLING is a Trench less method of installing underground pipeline Utilities using a surface-launched drilling rig. Directional Boring/HDD offers significant environmental advantages over traditional method of cut and cover pipeline installations. This technique is generally used when conventional trenching or excavating is not practical or when minimal surface disturbance is required, Such as Laying a Pipeline across a river, Railway Track, Road Crossing, Freight Corridors, Runways etc.



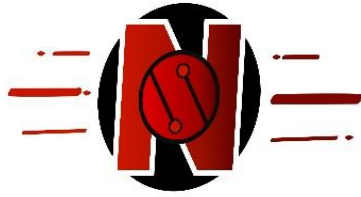
We are well equipped with Drilling rigs that can drill through Soft Soil, Hard Soil, and Sandy Soil & Hard Rock, which makes us competent to execute Trench Less Crossings for laying of Pipelines from 6 Inch Up to 36 Inch under any geographical Conditions.



Hot tapping
Line Stopping
In Service Welding

Horizontal Directional Drilling
Cold Cutting
Pipeline Repair Sleeves

ON STREAM
ENGINEERING SERVICES
Integrity Partner



ON STREAM ENGINEERING SERVICES PVT LTD

Regd. Office : Z801, Amrapali Sapphire, Sector 45, Noida 201303

Phone : +919483521166

Email: info@onstreamengineering.com

Web: www.onstreamengineering.com

IN SERVICE WELDING is one of the most critical service to be ever executed on a Live Pipe Line. This enables fitment of Split Tee/Stopple Tees/Pipe Repair Sleeves on a Pipeline intended for Hot Tapping, Line Stopple or rehabilitation which is in service and is under pressure. With a Team of Engineers, Quality Inspectors & Welders having an experience of more than 15 years in this field, we develop customized Welding Solutions considering the metallurgy of mainline and the fitments, in accordance with API 1104 - Appendix B, ASME Section IX.



Our Welding Solutions Include:

- Welding Procedure Specification
- Procedure Qualification Test
- Welder Qualification Test
- Thermal Analysis
- Finite Element Analysis
- Positive Material Identification
- Non Destructive Tests
- Destructive Tests
- Pre Weld Heat Treatment
- Post Weld Heat Treatment

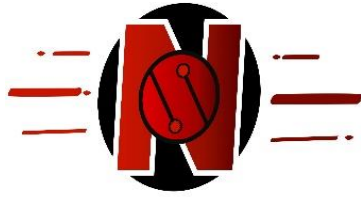
PIPELINE REPAIR SLEEVES are used to rehabilitate the pipeline, when it is not possible to repair/replace the pipelines through Line Stop method. Pipe repair sleeves are placed on the pipelines in two halves and welded to become a permanent part of the pipeline covering the damaged section of it. This operation also requires high precision and special care as we are operating on the weakest section of the pipeline.

- We manufacture and weld repair sleeves starting from 6" to 48" of different thickness and material to suit the mainline.

Hot tapping
Line Stopping
In Service Welding

Horizontal Directional Drilling
Cold Cutting
Pipeline Repair Sleeves

ON STREAM
ENGINEERING SERVICES
Integrity Partner



ON STREAM ENGINEERING SERVICES PVT LTD

Regd. Office : Z801, Amrapali Sapphire, Sector 45, Noida 201303

Phone : +919483521166

Email: info@onstreamengineering.com

Web: www.onstreamengineering.com

At **ON STREAM**, we see hot tapping & Line Stopples & all other associated services as a process that requires finesse as much as a bypass heart surgery. We carry out the requisite changes in the pipeline without any Shutdown, product leakage and without any loss of flow or pressure.

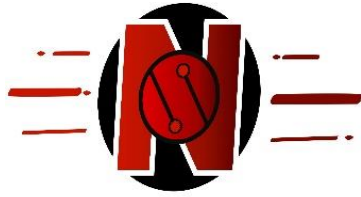
OUR ABILITIES

- ✓ Best in class operational abilities.
- ✓ Years of exposure to the process.
- ✓ Highly skilled Engineers, Technicians, Welders & Operators trained in performing pipeline intervention services.
- ✓ Best in class equipments meeting the global Standards.
- ✓ Best in class Quality & Safety Management System.
- ✓ Best in class Training & Development Facility.
- ✓ We can perform hot tapping Operation on pipelines from 2 Inch to 48 Inch.
- ✓ We Can Perform line stopple Operation on High Pressure pipelines from 6 Inch to 48" Inch.
- ✓ We Can Perform Line Stopples Operation on Low Pressure pipelines from 6 Inch to 108" Inch.
- ✓ We can Perform Cold Cutting Service on Pipelines from 6 Inch to 48 Inch.
- ✓ We can perform In Service Welding on pipelines with minimum wall thickness up to 6 mm.
- ✓ We can perform Horizontal Directional Drilling from 6 Inch to 48 Inches under any geographical conditions.
- ✓ We manufacture Hot Tap Tees, Line Stop Tees & Pipeline Repair Sleeves from 6 Inch to 48 Inches.

Hot tapping
Line Stopping
In Service Welding

Horizontal Directional Drilling
Cold Cutting
Pipeline Repair Sleeves

ON STREAM
ENGINEERING SERVICES
Integrity Partner



ON STREAM ENGINEERING SERVICES PVT LTD

Regd. Office : Z801, Amrapali Sapphire, Sector 45, Noida 201303

Phone : +919483521166

Email: info@onstreamengineering.com

Web: www.onstreamengineering.com

OUR MANUFACTURING FACILITY

We are well equipped with a state of heart manufacturing facility that can manufacture Split Tees, Stopple Tees, Hot Tapping & Line Stopple Equipments, & Accessories, Sealing Elements, Pipeline Repair Sleeves etc.

HOT TAP / LINE STOP FITTINGS & PIPELINE REPAIR SLEEVES

We Manufacture Hot Tapping, Line Stopple Fittings & Pipeline Repair Sleeves starting from 6 Inches up to 48 Inches, customised to match pipeline parameters. Our Engineering Team Conducts a detailed survey of the pipeline to understand the exact need of our customer and design the Fittings in accordance with globally practiced codes & Standards, to ensure the integrity of the Piping System.

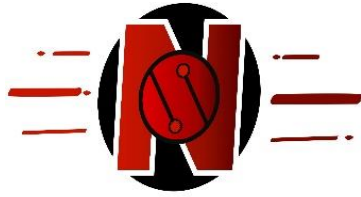


Our manufacturing range of Fully Encircled Hot Tapping and Line Stop fittings are made with companion flanges to match the pressure rating of the pipeline. ASME 150, 300 & 900 are the pressure ratings of fittings commonly manufactured by us. In case of requirement of Fittings with higher pressure ratings, we design and produce them against confirmed order from the customer.

Hot tapping
Line Stopping
In Service Welding

Horizontal Directional Drilling
Cold Cutting
Pipeline Repair Sleeves

ON STREAM
ENGINEERING SERVICES
Integrity Partner



ON STREAM ENGINEERING SERVICES PVT LTD

Regd. Office : Z801, Amrapali Sapphire, Sector 45, Noida 201303

Phone : +919483521166

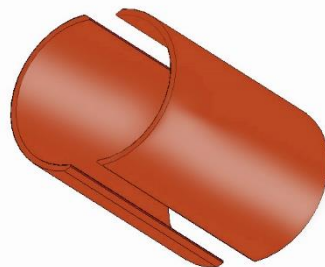
Email: info@onstreamengineering.com

Web: www.onstreamengineering.com

All our line Stop fittings are made with a specially designed **CAM PLUG**, to ensure **NO LEAK PATH** installation of completion plugs during Line Stop operations.



All Our Pipeline Repair Sleeves are made with OR without Girth Weld Provision as per customer requirements.



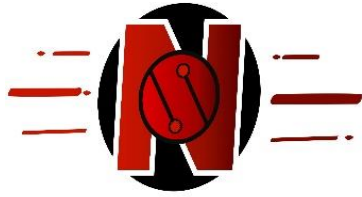
SALIENT FEATURES OF OUR HOT TAPLINE STOP FITTINGS

- ✓ Fully Encircled Fittings with OR without Backing Strip.
- ✓ Full bore–Full branch OR Full Bore–Reduced branch fittings, to suit hot tap or Line Stop operations
- ✓ Flanges with Raised Face gasket face for RTJ groove as per customer requirement.
- ✓ Pressure tested, all fillet joint subject to ultrasonic flaw detection, all butt welds subject to 100% Radiography.
- ✓ Designed in accordance with ASME B31.3 and ASME B31.4/B31.8 with a 0.72 design factor unless specified by customer.

Hot tapping
Line Stopping
In Service Welding

Horizontal Directional Drilling
Cold Cutting
Pipeline Repair Sleeves

ON STREAM
ENGINEERING SERVICES
Integrity Partner



ON STREAM ENGINEERING SERVICES PVT LTD

Regd. Office : Z801, Amrapali Sapphire, Sector 45, Noida 201303

Phone : +919483521166

Email: info@onstreamengineering.com

Web: www.onstreamengineering.com

HOT TAPPING & LINE STOP ACCESSORIES

Our manufacturing facility also covers the production Of Hot Tapping & Line Stop Accessories Listed Below



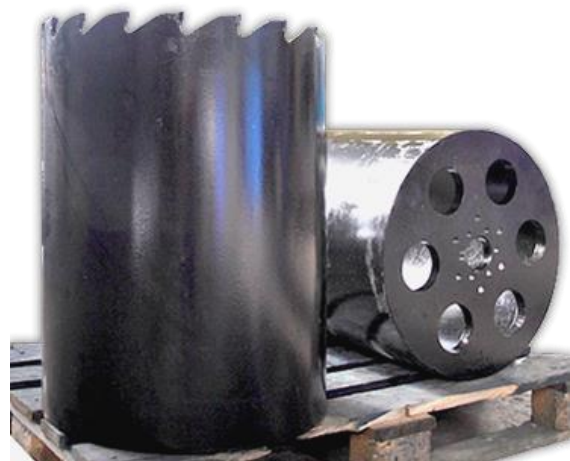
Hot Tap Cutters (2" To 48")



Line Stop Cutters (6" To 48")



Tank Tap Cutters (6" To 48")



Lateral Tap Cutters (6" To 42")

Hot tapping
Line Stopping
In Service Welding

Horizontal Directional Drilling
Cold Cutting
Pipeline Repair Sleeves

ON STREAM
ENGINEERING SERVICES
Integrity Partner



ON STREAM ENGINEERING SERVICES PVT LTD

Regd. Office : Z801, Amrapali Sapphire, Sector 45, Noida 201303

Phone : +919483521166

Email: info@onstreamengineering.com

Web: www.onstreamengineering.com



Pivoting Plugging Heads 6" to 36"



Foldable Plugging Heads 24" to 84"



Low Sealing Elements (NBR/EPDM)



High Pressure Sealing Elements (VITON)

Hot tapping
Line Stopping
In Service Welding

Horizontal Directional Drilling
Cold Cutting
Pipeline Repair Sleeves

ON STREAM
ENGINEERING SERVICES
Integrity Partner