

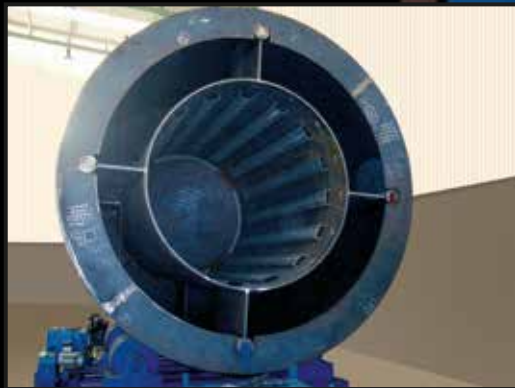


**Weld overlay cladding pushed  
to its extreme limits.**



**newtesol**  
new welding technologies

Newtesol offers unrivalled quality and professional welding and weld overlay to clients WORLDWIDE from our main facilities and head quarter in Santander (Northern of Spain), where the company was born as a spin off from civil nuclear industry located in the region.





***our origin  
comes from the civil  
nuclear industry***

**ewwtesol**  
new welding technologies

# newwitesol

new welding technologies



*after decades  
of welding our  
**know-how**  
is huge*



More than forty years of EXPERIENCE and the ability to solve all welding technical demands of the customers. Our close contact with them is the main source of knowledge on how pieces and equipment behaves along their working life. Thus, when your company faces an unusual need, you can rely on Newtesol as the best possible advisor.

As a result of this history, Newtesol is able to manufacture any kind of weld overlaid pieces, even extremely difficult ones. We have been using for decades low dilution processes, getting excellent corrosion and erosion resistant results.

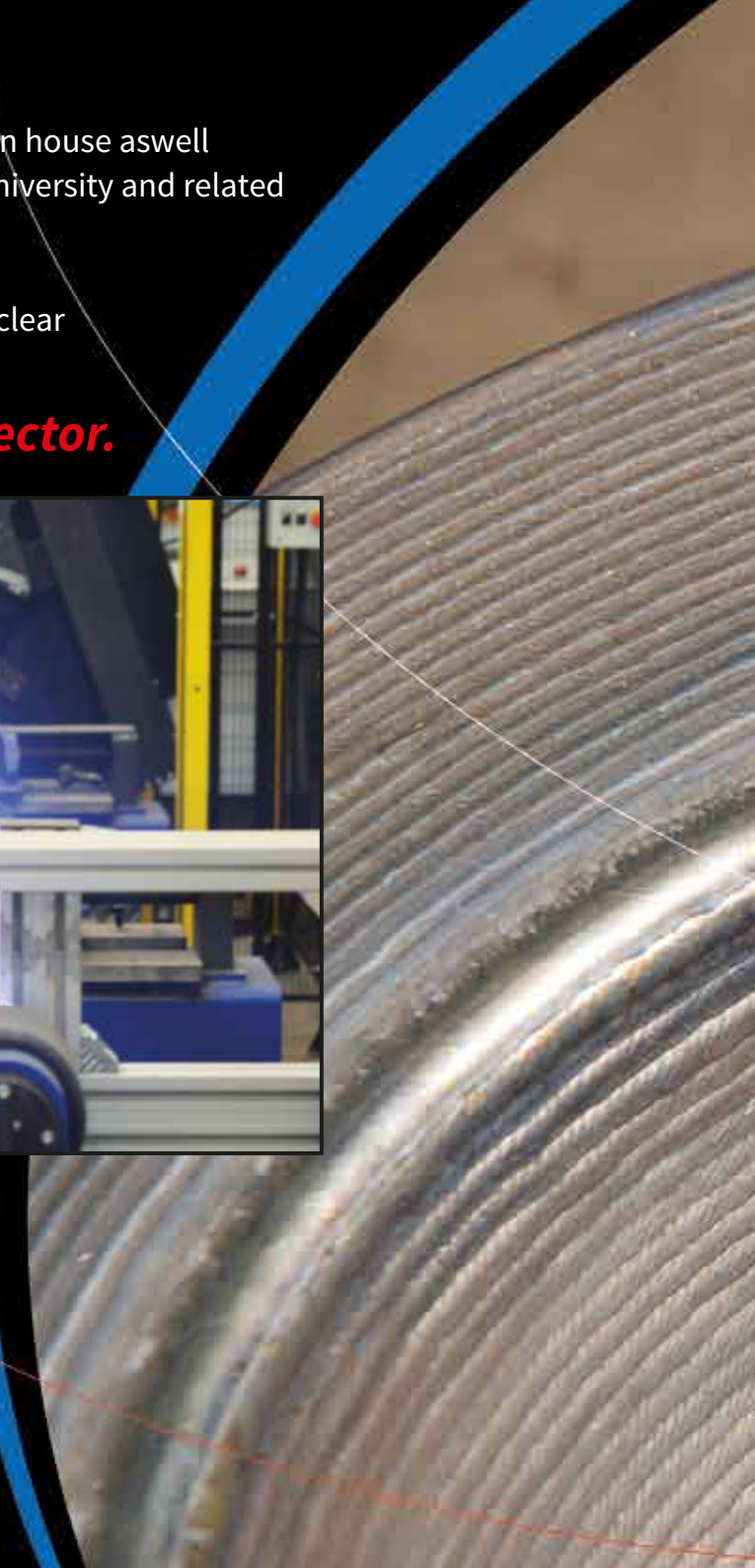
***... That's why we are leaders in our sector.***



We have the latest technology for Weld Overlay and are keeping to DEVELOP this continuously in house as well as in association not only with the most known weld machine manufacturers, but also with University and related research institutes.

The automation of the processes optimized for each new challenge, together with our civil nuclear back ground mindset, allows us to design and implement zero-defect weld overlay systems.

***... That's why we are leaders in our sector.***





*passionate about  
**technology**  
and innovation*

new welding technologies

**newwitesol**

# newtesol

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In Newtesol we like our customers to rely in our accuracy when referred to the high standards we achive in each of our jobs. Even though we are ISO 9001:2008 & ISO 14001 certified, our quality system complies with much more demanding NQA-1, 10CFR50 App. B and 10CFR21, whereas zero-defect mindset is tightly pursued, project documentation is issued in parallel with the manufacturing and tiny problems become a promising opportunity to improve in a never ending learning discipline, assuring always that the approved IPPs are the road map to excellency and that traceability is completely guaranteed.

***obsessed by quality  
to make durable products***



**Bureau Veritas Certification**

**Certification**  
Awarded to

**NEWTESOL, S.L.U.**

CTRA. GENERAL, KM. 2,5 - NAVE SUR, Nº2 - 39792 - GAJANO - CANTABRIA - ESPAÑA

Bureau Veritas Certification certifies that the Management System has been audited and found to be in accordance with the requirements of standard:

STANDARD

**ISO 9001:2015**

Scope of certification:

FABRICATION OF PRESSURE VESSELS AND MACHINED-WELDED COMPONENTS FOR THE NUCLEAR AND PETROCHEMICAL INDUSTRY. WELD OVERLAY, WELDING SERVICES, PIPELINE FABRICATION AND INTERNALS, IN SPECIAL AND CONVENTIONAL MATERIALS.

Certificate Number: ES130392-1  
Original Approval Date with other Certification Body: 01-08-2003  
Original approval date: 03-06-2022  
Effective date: 03-06-2022  
Certificate expiration date: 26-06-2023

*This certificate is valid, subject to the general and specific terms and conditions of certification services.*

Bureau Veritas Veritas S.L.  
C/ Valpiedra Primera 23-24, Edificio Cobas, 28108 Alcobendas - Madrid, España

**ENAC**  
CERTIFICACION

**Bureau Veritas Certification**

**Certification**  
Awarded to

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CTRA. GENERAL, KM. 2,5 - NAVE SUR, Nº2 - 39792 - GAJANO - CANTABRIA - ESPAÑA

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Scope of certification:

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Certificate Number: ES130391-1  
Original Approval Date with other Certification Body: 27-04-2001  
Original approval date: 03-06-2022  
Effective date: 03-06-2022  
Certificate expiration date: 26-06-2023

*This certificate is valid, subject to the general and specific terms and conditions of certification services.*

Bureau Veritas Veritas S.L.  
C/ Valpiedra Primera 23-24, Edificio Cobas, 28108 Alcobendas - Madrid, España

**ENAC**  
CERTIFICACION

**Lloyd's Register**

**CERTIFICATE OF APPROVAL**  
Lloyd's Register Verification Limited hereby certifies that the company:

**NEWTESOL S.L.U.**  
**CA-141 Km 2,5 Nave Sur 2, 39792 Gajano, Cantabria, Spain**

has furnished proof to fulfil the quality requirements for welding according to:

**ISO 3834 - 2 : 2005**  
**Quality requirements for fusion welding of metallic materials - Part 2: Comprehensive quality requirements**  
in the extent mentioned on the schedule of this certificate.

This certificate is valid only in association with the certificate schedule bearing the same number.

Approval Certificate No: LRV/3834/0002/1/19  
Original Approval : 30 November 2018  
Current Certificate : 30 November 2018  
Certificate Expiry : 29 November 2023

R.Pennycook  
LUK TQW  
Issued by: Lloyd's Register Verification Ltd  
Page 1 of 2

**UKAS**  
WELDED FABRICATION

ISO 9001:2015 certification number 17174, see 0070230 as a third company agreement in England and Wales. Registered office: 71, Southbank Street, London, EC8R 3BE, UK.  
Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, agents, servants, employees, contractors, licensors, licensees, franchisees, agents, representatives, advisers and other persons, shall not be liable in any manner for any loss, damage or expense caused by reliance on the information or advice in this document or any other document issued by Lloyd's Register Group Limited, its affiliates or subsidiaries, in the absence of any negligence on the part of the user. This document is issued for the purpose of the certification of a product or service. It is not intended to be used for any other purpose. It is not intended to be used as a basis for any other certification or for any other purpose. It is not intended to be used as a basis for any other certification or for any other purpose. It is not intended to be used as a basis for any other certification or for any other purpose.

This quality system enables us to make the highest quality products under the ASME U & U2 stamp, ISO 3834-2 certificate, corrosion resistant pipes and pieces and equipment under ASME III stamp.

We are also the only manufacturer in the clad market worldwide holding the NPT nuclear stamp.

**... That's why we are leaders in our sector.**

**The American Society of Mechanical Engineers**

**CERTIFICATE OF AUTHORIZATION**

**U2**

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:  
**Newtesol S.L.**  
Carretera General Km 2.5  
Nave Sur, No. 2  
Gajano, Cantabria 39792  
Spain

SCOPE:  
Manufacture of Class 1 and Class 2 pressure vessels at the above location only

AUTHORIZED: October 14, 2022  
EXPIRES: October 14, 2025  
CERTIFICATE NUMBER: 34788

*Ricard B. Capua*  
Board Chair, Conformity Assessment

*J.M. Espinosa*  
Managing Director, Standards & Engineering Services

**ASME**

**The American Society of Mechanical Engineers**

**CERTIFICATE OF AUTHORIZATION**

**U**

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:  
**Newtesol S.L.**  
Carretera General Km 2.5  
Nave Sur, No. 2  
Gajano, Cantabria 39792  
Spain

SCOPE:  
Manufacture of pressure vessels at the above location only

AUTHORIZED: October 14, 2022  
EXPIRES: October 14, 2025  
CERTIFICATE NUMBER: 34787

*Ricard B. Capua*  
Board Chair, Conformity Assessment

*J.M. Espinosa*  
Managing Director, Standards & Engineering Services

**ASME**

**The American Society of Mechanical Engineers**

**CERTIFICATE OF AUTHORIZATION**

**NPT**

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:  
**Newtesol S.L.U.**  
Carretera General Km 2.5  
Nave Sur No. 2  
Gajano, Cantabria 39792  
Spain

SCOPE:  
Class 1, 2, 3, CS & MC fabrication without design responsibility at the above location only.

AUTHORIZED: January 8, 2022  
EXPIRES: January 8, 2025  
CERTIFICATE NUMBER: N-3417

*Ricard B. Capua*  
Board Chair, Conformity Assessment

*Paulina*  
Managing Director, Conformity Assessment

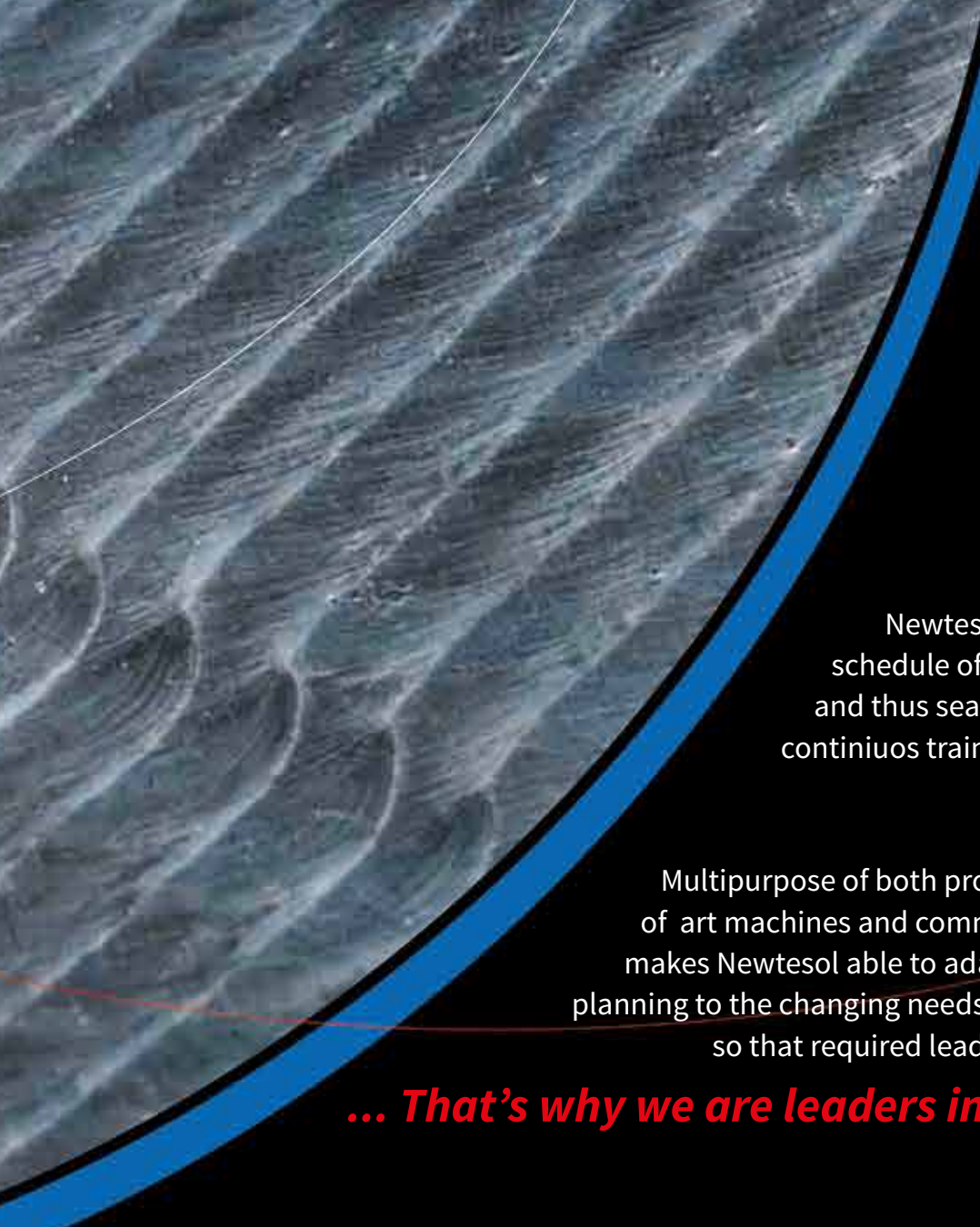
**ASME**

# newweltasol

new welding technologies

*well trained staff and fully automated  
machines to ensure **flexibility***





Newtesol is fully aware of the increasing need to react quickly on the demanding schedule of the O&G, PowerGen, industrial or maritime & offshore projects nowadays and thus search the highest efficiency through fully AUTOMISED production along with continuous training of our staff on modern plant management and maintenance systems.

Multipurpose of both programmable state of art machines and committed work force, makes Newtesol able to adapt its production planning to the changing needs of the customers so that required lead time is achieved.

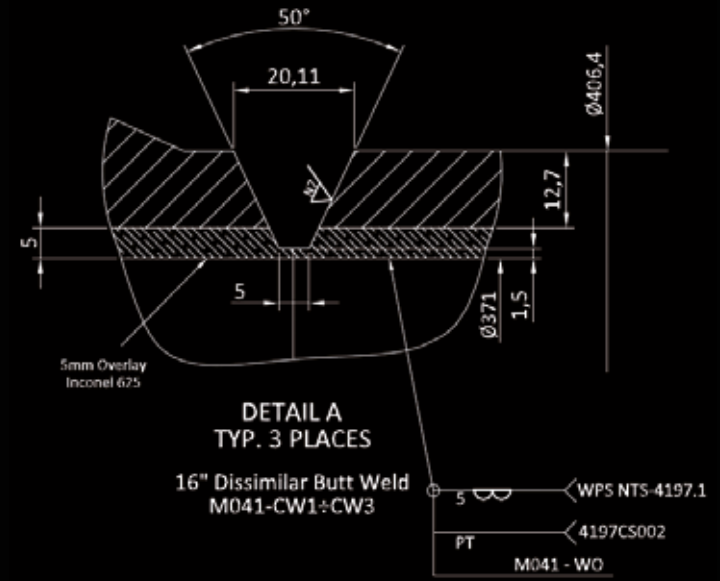
***... That's why we are leaders in our sector.***





Each order is managed by a dedicated Project Manager, who is in charge of the communication with the customer, assuring also internal coordination among design, procurement, quality control, production, documentation, expedition and financial dept. through the tightest attention in detail.





That way lead times are optimized and delivery of the pieces are placed in time, and what's equally important: DOCUMENTATION is made along with the project due to our nuclear-based quality system, avoiding any inconvenient delay after the completion of the manufacture.

*... That's why we are leaders in our sector.*

**project  
management  
for accuracy, commitment  
and communication**

**newwitesol**  
new welding technologies

- Nuclear Power Plants
- Civil Nuclear Research
- Submarines
- Shipbuilding



**newwtesol**  
new welding technologies



*serving in most **hi-tech markets** worldwide*



- Offshore
- Refineries
- Oil & Gas
- Petrochemical
- Chemical Industry

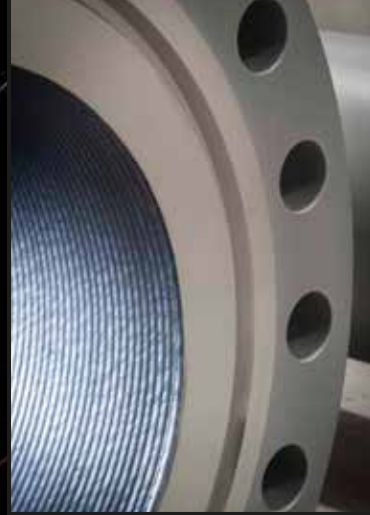


# Flanges

Newtesol is an experienced cladder of RF WN, RF SO, RF Blinds, RTJ WN and Long Weld Neck Flanges, as well as of Spacers- Spades, Spectacle Blinds, Orifice Flanges, Anchor Flanges, Hanger Flanges, Grayloc & Others.

Olets such as Weldolets, Sockolets, & other forgings are also our usual products.

Range of sizes from 1" NPS to more than 60".



# Fittings

Elbows – LR, SR & Reducing

Tees – Straight and Reducing & Barred Tees

Reducers – Concentric, Eccentric & Conical

Caps

Range of sizes from 1" NPS to more than 60"



## Pipes

Newtesol performs Weld Overlay on piping products, either seamless or welded Pipes, Sch Std & higher wall thickness, with the following scope of sizes:

- 1" to 1 ½" NPS, up to 500mm lengths for nozzles sections
- 2" to 4" NPS, up to 3 meters lengths
- 5" to 6" NPS, up to 6 meters lengths
- 6" NPS up to more than 36" 12 meters lengths.



## Spools

Newtesol provides complete spools made of many different base materials, such as low alloy steel, stainless steel, Chrome-Molly, duplex, super duplex, titanium, nickel alloys and carbon steel, the latter completely weld overlaid in stainless steel, duplex, super duplex, and nickel alloys (625, 200, 400... even pure Ni).

We have also capability for spool fabrication with hard facing with Alloy 6.

**Valves** Newtesol is a great specialist of valve weld overlay, hardfacing and welding, widely subcontracted to us by European manufacturers to make the pre-machining, cladding, butt welding, machining and testing.

Together with ball, globe, gate, check and all other types of valves, we clad and machine Christmas tree blocks, hub connectors or bonnets.



## **Nuclear equipment fabrication**

Newtesol is a well known manufacturer of pressure vessels, either completely clad in the wet internal surface for sour service in O&G applications (U or U2 stamped, if required) or made under ASME III (even under NPT stamp) or RCCM for civil nuclear uses.

Nuclear equipment fabrication includes supports and internals, swirl vane separators, heat exchangers, racks or wasted fuel casks, among others.



## Non destructive testing

In the NDE we perform all kind of non destructive examinations.

The testings are carried out according to our customer's or our own specifications, as per applicable Code and standards.

Newtesol has qualified equipment and personnel for the following testings:

- Liquid testing
- Ultrasonic testing
- Magnetic particles testing
- PMI (chemical analysis)
- Radiographic testing
- Hardness testing
- Hydraulic testing
- Ferrite control
- Ferricyanide test



## Materials

Newtesol weld overlays Piping, Vessel and Heat Exchanger components, from one piece to complete Piping Systems, Pressure Vessel & Heat Exchanger components.

### Overlay Materials

- SS 309L, 309LMO, 316L, 317L, 310, 347, 308, 904L
- 2594 (Super duplex), 2209 (Duplex)
- Nickel Alloys 200, 400, C276, B3, Alloy 825, Alloy 625
- Alloy 617, Alloy 59
- Wear Resisting Alloys, Stellite (hard facing), Cr Carbide and Others

### Base Materials

- Carbon Steel
- Low Alloy Steels
- High Yield Grades
- Chrome-Moly
- Nickel alloys
- CrMoV
- Titanium and other base materials



Weld Overlay on pipes starting with 1" diameter. Weld Overlay on difficult configurations like elbows, tees, reductions, fittings.



  
**newtesol**  
new welding technologies

[www.newtesol.com](http://www.newtesol.com)

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