

CONVOLUTATED
TECHNOLOGIES PTY LTD

Fabrication and Welding Services

Features

- Fabrication and welding of high quality items servicing a wide range of industries. All fabrication and welding done to meet relevant codes and standards, i.e. - AS 3992, AS 1554 and ASME IX for welding and AS 4041, AS 1554, AS 2885 and ASME B31.1 and .3 for fabrication. International codes and standards can be met only if specified and reviewed with Convolutated Technologies at the quoting stage
- Qualified welding personnel with AS 1796 pressure welding tickets
- Pressure Pipe welding
- Purge welding for food industry
- In-house Hydrostatic testing
- In-house Pneumatic testing
- In-house Dye-pen testing
- All in-house testing certified by Convolutated Technologies
- Galvanising and painting offered as a sub-contracted service to all customers
- In-house project management, estimating and quality assurance services
- In-house autocad services for initial layout before production to discover faults in design if any, to minimise costly errors in fabrication



Fabrication

and Welding Services

We are dedicated to supplying industry with the highest levels of service and quality

Services

Our Fabrication & welding capabilities services industries such as hydraulic, food & beverage processing, pharmaceutical, mining, transport, water treatment, marine, medical, chemical and oil & gas.

Convoluted Technologies highly qualified pressure welding staff are capable of servicing the industry with high quality welding work in accordance with relevant national and international codes and standards.

We have in house capabilities to layout jobs with auto-cad, achieving exact specifications and minimize all re-work by pointing out problems before they arise in fabrication. Welder qualifications are gained by testing all welders on procedures before commencing production welds. These welding procedures can be written in house and tested by NATA accredited laboratories. Inspection and Test Plans (ITP), Safe work method statements (SWMS) and Job safety analysis (JSA) are written in house for specific projects as required.

Product testing

We have our own hydrostatic, pneumatic test facilities and dye penetrant testing. We are conveniently located near suppliers of NATA accredited NDT testing such as radiography, ultrasonics, eddy current and magnetic particle testing.

Roll grooving / victaulic shoulders and threading

Convoluted Technologies now has roll grooving / victaulic shoulder fabrication and threading capabilities

- *Including roll grooving from 1"- 6"*
- *Victaulic shoulder fabrication in all sizes as requested*
- *Threading capability of 1/2"- 4" in BSP/BSPT and NPT*
- *In stainless and carbon steels*



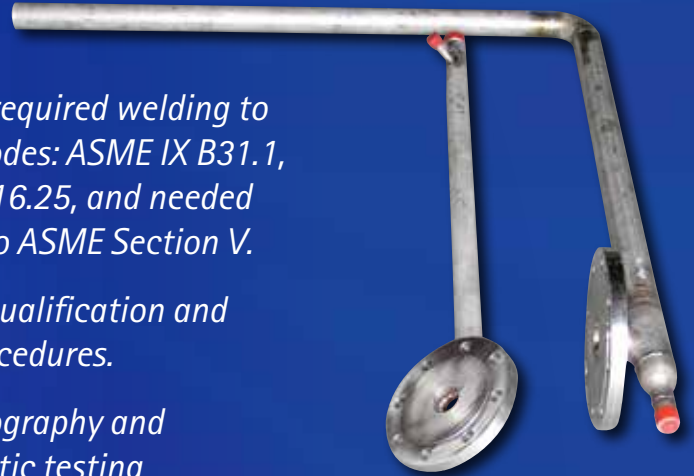
Fabrication and Welding Services



This job required welding to ASME Codes: ASME IX B31.1, B31.3, B16.25, and needed testing to ASME Section V.

Welder qualification and weld procedures.

5% radiography and hydrostatic testing



Purge welding for food industry.

In compliance with the ASSDA food specifications.



These items are welded and tested on customer request to the AS 4041 standards.



Convoluted Technologies Pty Ltd QF0021: Initial enquiry form

Enquiry Received by:		Order No or P.O No:
Client:		Phone No:
Contact:		Fax No:
E-mail:		Mobile No:
Order Date:	Date Work Order Raised:	Delivery: CT / Client / Sub
Delivery/Completion date:		Delivered to site by CT
Delivery Address:		Installed on site by CT
		Free into Clients store by CT
		Ex works Seven Hills
Brief Description:		No. Off:

Material:			Materials / Consumables		Fabrication Code
MDR Required	Y/N		Classification	Cert Number	
Client Specifications	Y/N				
Drawings Issued	Y/N	Qty of dwgs			
Welder Certificates	Y/N				
Welded Qual to WPQR	Y/N				
Weld Procedures	Y/N	WPQR			
Material Certification	Y/N				
Consumables Certs	Y/N				
Radiography	Y/N	NATA			
Ultrasonics	Y/N	NATA			
Mag Particle	Y/N	NATA			Inspection:
Dye Pen.	Y/N	CT / NATA			CT / Client / Third Party
Heat Treatment	Y/N	SPEC			Galvanised:
Pressure Test and Cert	Y/N	kpa			Yes / CT / Others / No
Client Witness Hydro	Y/N				Painting:
Hold Period	NA	minutes			Yes / CT / Others / No

Special Requirements

Material Procurement: Nil / Convoluted Stock / Client Free Issued / Purchase

Subcontract: Nil / Couriers / NDT / Painting / Galvanising



Unit 2/163 Prospect Highway, Seven Hills, NSW, 2147
 Phone: 02 9838 9599 Fax: 02 9838 9611
 Email: admin@convolutedtechnologies.com.au
 www.convolutedtechnologies.com.au