



# 2017

[www.partec.qld.edu.au](http://www.partec.qld.edu.au)

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**PLASTICS-ITC** incorporating **PARTEC**

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# Plastics TRAINING

**A QUEENSLAND  
GOVERNMENT  
SUBSIDISED  
COURSE**



"Plastics and Rubber Technical Education Centre"

## EX-1 Extrusion Welding for Industrial Applications

**Polytec System\***



View the Fabrication Short Courses web page for  
Course Timetable information, at [www.partec.qld.edu.au](http://www.partec.qld.edu.au)

**Subsidised Course Fee: \$485**

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# EX-1

## Extrusion Welding Plastics

<b>Course :</b>	Extrusion Welding of heavy sheet plastic and large diameter pipe sections.
<b>Course duration:</b>	1 day course, 8 Hours - 8.30am - 4.00pm (Light lunch is supplied).
<b>Who the course is for:</b>	The course is designed to give an understanding of Extrusion welding techniques for Polyolefin Materials. The course is suitable for workers in Heavy Plastic Fabrication needing to use extrusion welding for production of tanks and pipes in their occupation.
<b>Prerequisite</b>	National Unit PMBPROD287B Weld Plastics Materials or a PARTEC course in general plastic welding should be completed before EX-1 is attempted. (Experienced operators may request exemption).
<b>Group Size:</b>	The course is limited to a maximum of eight students to ensure full participation and safe working conditions.
<b>What you will be able to do at the completion of this course:</b>	Identify and operate various types of extrusion welding equipment, identify various types of plastic welding materials, prepare materials for welding, diagnose welding problems and take corrective actions, weld polyolefins to Industry standards, and Polytec Accreditation which exceeds current Australian requirements.
<b>Course Program:</b>	<ul style="list-style-type: none"><li>• Identify required materials and equipment</li><li>• Set up equipment and materials</li><li>• Identify materials as being compatible for welding</li><li>• Prepare plastics materials</li><li>• Maintain, and calibrate welding equipment</li><li>• Weld plastics using Extrusion Equipment</li><li>• Identify problems and take corrective actions</li><li>• Assess quality of completed joins</li><li>• Weld Testing</li><li>• Standards</li></ul>
<b>Course Co-Ordinator:</b>	John Ruggles
<b>Course Venue:</b>	PARTEC, 1030 Cavendish Road, Mt. Gravatt, QLD 4122.
<b>Course fee:</b>	\$485 Course fee includes manual and materials. National Training Units included with this course are subsidized by the Queensland Government. Nationally Recognised Training is GST exempt.
<b>Assessment</b>	The course is 50/50 practical and theoretical and is open to anyone who has already completed the WA-1 or EX-2 general welding course. Assessments will be by observation of practical work and a written test.
<b>Certificates:</b>	National unit PMBWELD309B is cited on the statement of attainment for this course. A Polytec Accreditation Card will be issued to each successful applicant.
<b>Registrations:</b>	Online registrations can be completed by visiting: <b><a href="http://www.partec.qld.edu.au">www.partec.qld.edu.au</a></b> In the Plastic Trade Short Courses Menu Fabrication Courses

Enquiries can be made via our 'Contact Us' web page or by calling (07) 3849 7878.