EX-1 Extrusion Welding for Industrial Applications

Polytec System*

Course Timetable:
A One (1) day course Friday
8:30am to 4:30pm
(This Course is for experienced welders only, course EX-2 is a prerequisite for this course)

Course Fee: $360

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EX-1
Extrusion Welding Plastics

Course: Extrusion Welding of heavy sheet plastic and large diameter sections.

Course duration & dates: 1 day course, 8 Hours - 8.30am - 4.30pm:
(Light lunch is supplied).

Who the course is for: The course is designed to give an understanding of Extrusion Welding
techniques for Polyolefin Materials. The course is suitable for workers in
Heavy Plastics Fabrication needing to use extrusion welding for production
of tanks and pipes etc.

Prerequisite 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 apply for an exemption).

Group Size: The course is limited to a maximum of eight students to ensure full
participation and safe working conditions.

What you will be able to do at the completion of this course:
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.

Course Program:

- Identify required materials and equipment
- Set up equipment and materials
- Identify materials as being compatible for welding
- Prepare plastics materials
- Maintain, and calibrate welding equipment
- Weld plastics using Extrusion Equipment
- Identify problems and take corrective actions
- Assess quality of completed joins
- Weld Testing
- Standards

Course Co-Ordinator: John Ruggles

Course Venue: PARTEC, 1030 Cavendish Road, Mt. Gravatt. Qld.

Course fee: $360  Course fee includes all lecture notes and materials. National Training Units included with this
Course are subsidised by the Queensland Government.

Assessment The course is 50/50 practical and theoretical and is open to anyone who has
already completed WA-1 general welding course. Assessments will be by
observation of practical work and a written test.

Certificates: National units PMBWELD309B is cited on the statement of attainment for
this course. A Polytec Accreditation Card will also be issued to each
successful applicant.

Registrations: Completed registration forms, with course fee, to be mailed to
PARTEC, P.O. Box 459, Mt. Gravatt, Qld. 4122
For bookings and enquiries phone PARTEC on (07) 3849 7878

www.partec.qld.edu.au
email: admin@partec.qld.edu.au