

WELD PLASTIC USING EXTRUSION TECHNIQUES



What is Extrusion welding?

Extrusion welding is a plastic welding technique used to join thermoplastic materials, such as high-density polyethylene (HDPE), polypropylene (PP), or polyvinyl chloride (PVC). This method involves melting and extruding a plastic welding rod directly into the joint, creating a strong and continuous bond. Extrusion welding is commonly used in various applications, including the construction of plastic tanks, pipes, sheets, and other fabricated plastic structures. It provides a reliable and efficient method for creating robust connections in thermoplastic materials, and it is particularly useful for large-scale projects where the continuous welding of long seams is required.

Our Extrusion training comprehensively covers the following key aspects:

- **Material Suitability Assessment:**
Thoroughly evaluate the compatibility of materials for welding, ensuring optimal adhesion and performance.
- **Plastics Welding Conditions Analysis:**
Assess and analyse the specific conditions required for effective welding of plastics, considering factors that influence the welding process.
- **Equipment Maintenance and Calibration:**
Maintain and calibrate welding equipment meticulously, guaranteeing its reliability and precision for seamless extrusion welding.
- **Welding Execution:**
Skilfully perform the extrusion welding process, utilising precise techniques to melt and fuse the welding rod, creating a robust and continuous joint.
- **Quality Assessment of Completed Joints:**
Conduct a meticulous evaluation of the finished joints, ensuring they meet stringent quality standards and specifications.



Upon successful completion of the training, attendees receive a comprehensive set of credentials, including:

Statement of Attainment:

An official document certifying the successful completion of the training program.

Digital Welder's Card:

A digital card providing convenient access to your welding credentials, ensuring quick and easy verification of your qualifications. Elevate your professional profile with our thorough and recognised certification process.

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