AWL.

Ensuring global productivity

Process Equipment Training Advanced

With the Process Training you learn how to manage and maintain the welding equipment. In this course you learn the principles of process and what the separate parameters do in the process and their relationship to each other. You also learn some rules on how to optimize the process by modifying position and changing the parameters on the machine with the delivered PC software.

Training content

In this course we teach you how to service and maintain the welding equipment. An Engineer must know how to fine- tune the process. He must also know the relationship between the welding sheet, the parameters into the robot programme and the welding jobs of the welding equipment. We teach the engineer how to solve the most common welding process and equipment problems and how to check and optimize the TCP of the robot. We explain some rules for good robot welding positions and we demonstrate how to work with the welding equipment's PC software.

Results

- Knowing the relationship between the job numbers of the welding sheet, the parameters in the robot programme and the parameters in the welding equipment
- Knowing the principles of the welding process in relation to welding equipment
- Knowing what to do to service and maintain the welding equipment
- Knowing how to use the PC software of the welding equipment
- Knowing the most common rules for modifying positions
- Knowing what TCP is and what to do for checking and adjustment when necessary

Preperation

The AWL trainer will send a personal invitation to every participant together with a selection of applicable chapters from the machine manual.

The training covers subjects like:

- The relationship between the job numbers of the welding sheet, the welding parameters in the robot programme and the welding parameters in the welding equipment
- Welding process and welding equipment principles
- Brief introduction of what the different welding parameters do in the welding process and their relationship to each other
- Explanation and control of the welding equipment and PC software
- How to check the TCP of the welding gun and how you can adjust the TCP
- How to optimize position of the welding gun in relation to the process

Subject:	Process Equipment Training Advanced
Target group:	Maintenance (process)
Duration:	2 hours theory and 2 hours practice
Max. participants:	4
Location:	On customer's premises (preferable) AWL-Techniek
Scope:	The scope of the training is the explanation of using the welding equipment
Pre knowledge:	Participants must be able to control the process equipment inside the machine They must have followed the brand-specific Process Equipment training
Requirements:	A meeting room with beamer is necessary for the presentation During the practical training the machine has to be operational and available
Spoken language:	English, German
Language of course material:	English

■ □ □ *Beginner*   ■ ■ □ *Advanced*   ■ ■ ■ *Expert*

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