

VYTRAN FFS-2000 TRAINING CURRICULUM

Operator Training

This level of training is intended to provide a user with a basic understanding of the equipment in order to use the equipment properly and may include the following:

- Machine nomenclature
- Features
- Startup / shut down procedures
- Description / demonstration of operation
- Procedures to promote high strength and low loss splicing
- Solvent replenishment schedule
- Importance of cleanliness during operation
- Fiber cleaving procedures & diagnostics
- Operator related software navigation
- Frequently observed problems
- Q & A
- Operator hands-on time

Maintenance Engineer Training

This level of training is intended to provide a user with an advanced understanding of the equipment in order to adjust and maintain the equipment properly and may include the following:

- Discussion of filament fusion vs. arc fusion methods
- Vision system overview
- Fiber positioning system overview
- Filament replacement and calibration procedure
- Argon gas tank replacement, and gas line purge procedures
- TMS blade removal and replacement
- Recoat mold removal, replacement, and alignment, including recoat bulb replacement
- Recoat quality diagnostics
- Fiber holding block insert removal and replacement
- Proof test ramp rate adjustment
- Computer display settings
- Database options
- Fiber "Z" move / gapping diagnostics
- Splice process diagnostics
- Software navigation & parameters

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Process Development / Optimization Training

This level of training tends to be customer specific and potential topics for discussion include the following:

- Discussion of available splice subroutines
- Creation of a “One Button” splice routine
 - Edge Alignment
 - Core Alignment
 - Core Eccentricity Compensation
 - Active X, Y Alignment
 - PM Alignment
- Splice Parameter Optimization
- Pulse Width Modulation Splicing
- Customer Specific Fiber Splicing Optimization
- Macro Generation

Note: The amount of information covered during a Training session will depend upon the amount of time requested by the customer and each user’s prior knowledge and skills.