

SectionRadar

Course Information

Course Title:	SectionRadar Operational & Technical Training
Duration & Location:	3 Days, 8-10 June 2027 - BEG Training Center in Windsor (CT), US
Target Audience:	Operators, production specialists, maintenance personnel and technical support staff
Course Prerequisites:	Basic understanding of glass manufacture and forming-machine operation is recommended
Instructor:	Process Trainer: Jose Guzman
Delivery Mode & Language:	In person in English

Course Objectives

- Explain the purpose, measurement capabilities and production benefits of SectionRadar.
- Identify system hardware, utilities, safety requirements and operating limits.
- Navigate the user interface, monitor temperatures, configure jobs and generate reports.
- Configure measurements and understand FlexIS blank-cooling closed-loop control.
- Perform routine maintenance and apply structured troubleshooting methods.

Assessment Methods

- Knowledge checks, process comparisons and daily recaps
- Practical participation, automation exercises and final group task
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Resources Required

- Personal protective equipment for practical machine activities
- Process presentations, samples, fault examples and course workbook
- Access to SectionRadar and an active machine or training equipment

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Course Schedule (Daily Outline from 8:00 am to 5:00 pm)

Training Days	Topics	Activities	Expected Outcomes
Day 1	- SectionRadar purpose, applications and benefits - System architecture and measurement capabilities - Overhead beam, cameras, LED panels and control cabinet - Utilities, safety and technical specifications	- Review blank, plunger and neckring temperature measurement applications - Identify cameras, lighting, electronics and cabinet components - Trace water-cooling, purge-air and electrical connections - Complete a system-readiness and safety inspection	- Explain how SectionRadar supports process stability and defect prevention - Identify major hardware and describe each component's function - State utility requirements and key operating limits - Perform a safe visual inspection and verify system readiness
Day 2	- User interface and screen navigation - Temperature monitoring and status indicators - Job setup and measurement-point configuration - Historical reports, trends and FlexIS synchronization	- Navigate Home, Errors, Temperature Report, Job Setup and Settings - Interpret cavity, plunger and neckring temperature displays - Adjust and save measurement points; switch thermal and visual views - Create a temperature trend report and investigate a process variation	- Operate the SectionRadar interface confidently - Interpret thermal images, trends, alarms and status colors - Configure jobs and measurement locations correctly - Use reports and historical data to support troubleshooting and optimization
Day 3	- Global and section settings, triggers and IR timing - System monitoring, maintenance and troubleshooting - FlexIS Blank Cooling Control and measurement IDs - Auto mode, limits, cooling-event mapping and PID awareness	- Review settings and verify temperature-calculation parameters - Diagnose simulated camera, image, web-interface and communication faults - Map SectionRadar measurements to blank-cooling events - Analyze a closed-loop response and complete a final integrated practical task	- Configure essential settings within authorized limits - Perform routine maintenance and resolve common system issues - Explain automatic blank-cooling adjustment and control boundaries - Apply a structured corrective-action process to stabilize production

