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Process and Defects Training

Course Information

Course Title:	NNPB/B&B Process & Defects
Duration & Location:	5 Days, **16-20 Nov 2026** at BEG Training Center in **Windsor (CT), US.**
Target Audience:	Operators, Production Specialist, Managers working with or moving to NNPB/B&B Process
Course prerequisites:	Entry level course to the glass industry. No forming knowledge is required.
Instructor:	Operational Trainer: Ian Kirton/Jose Guzman
Delivery Mode & Language:	In Person in English

Course Objectives

- Fundamentals of Glass and Gob Forming
- NNPB/B&B Process and Defect Identification
- Hands-On Fault Prevention and Rectification

Assessment Methods

- Quizzes, Assignments, Practical Participation
- Final Group Task

Resources Required

- Personal Protective Equipment
- eLearning platform access (pre-learning)
- Simulation Software (if applicable)

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Course Schedule (Daily Outline from 8:00 am to 4:30 pm)

Training Days	Topics	Activities	Expected Outcomes
Day 1	• Importance of "Good" Glass • Gob Forming & Gob Stretch	• Importance of "Good" Glass • Gob Forming & Gob Stretch	• Learners will be able to describe the furnace & forehearth operation while identifying key factors influencing gob formation
Day 2	• Introduction to the Emhart GLASS problem solving matrix. • Using the GLASS matrix to rectify glass defects	• Hands on with active glass machine to create and remove critical faults	• Learners will be able to compare NNPB with B&B forming process and to identify critical defects
Day 3	• Identifying the risk process areas for defects • Identifying the hazards of each process step	• Theoretical Introduction of risks & hazards of defects • Hands on machine work	• Learners will be able to apply the Emhart GLASS problem solving matrix to analyse and propose corrective actions
Day 4	• Rectification of faults through analysis	• Hands on machine work	• Participants will be able to setup and align the machine to prevent major NNPB/B&B defects
Day 5	• Hands-on machine work, focusing on set-up and preventing faults from occurring	• Hands on machine work	• Participants will be able to create and remove at least two critical faults and to demonstrate corrective actions