

# Plunger Process Control (PPC)

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## Course Information

<b>Course Title:</b>	<b>PPC 2 – Electrical &amp; Operational Training</b>
<b>Duration &amp; Location:</b>	3 Days, <b>11–13 Aug 2026</b> at BEG Training Center in <b>Windsor (CT), US.</b>
<b>Target Audience:</b>	Operators, Production Specialist, Managers working with or moving to NNPB Process
<b>Course prerequisites:</b>	Entry level course to the glass industry. No forming knowledge is required.
<b>Instructor:</b>	Operational Trainer: Ian Kirton
<b>Delivery Mode &amp; Language:</b>	In Person in English

## Course Objectives

- PPC Operation Principles
- Hands-On

## 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	<ul style="list-style-type: none"> <li>• Introduction &amp; Prerequisite for NNPB/PPC2 Operation.</li> <li>• Principle of Operation</li> </ul>	<ul style="list-style-type: none"> <li>• Where available, direct setting tube height and Feeder Operation.</li> <li>• PPC2 simulators.</li> <li>• Hands-on examination of component parts</li> </ul>	<ul style="list-style-type: none"> <li>• By training completion on day one, the course participant will understand the principle of plunger position recognition and closed-loop weight control.</li> </ul>
Day 2	<ul style="list-style-type: none"> <li>• Continuation with the process menus, navigation, and operation.</li> <li>• Principal calibration includes a full understanding of why, when, and how.</li> <li>• Principles and practice of calibration include a full understanding of why, when, and how.</li> </ul>	<ul style="list-style-type: none"> <li>• Where possible, the use of the PPC2 (Plunger Process Control 2) simulators.</li> <li>• Firsthand conduct of both forms of calibration and simulator works with the Configuration and setup menus.</li> </ul>	<ul style="list-style-type: none"> <li>• Training on day two, the course participants will be capable of navigating the PPC 2 UC and configuring the process control system to suit their own needs.</li> </ul>
Day 3	<ul style="list-style-type: none"> <li>• Explanation of the importance of plunger end position and the requirements of their customers</li> <li>• Full access to the complete PPC 1 set-up and operation</li> </ul>	<ul style="list-style-type: none"> <li>• Recap and operate</li> </ul>	<ul style="list-style-type: none"> <li>• Including a detailed understanding of the process requirements of NNPB) and propose corrective actions.</li> </ul>

