

AIS Mechanical Training

Course Information

Course Title:	AIS Mechanical Training
Duration & Location:	5 Days, 22-26 June 2026 at BEG Training Center in Sundsvall, Sweden
Target Audience:	New operators to the glass machine, plant mechanicals and engineers
Course prerequisites:	Entry level course to the glass industry.
Instructor:	Mechanical Trainer: Kelly Gosling
Delivery Mode & Language:	In Person in English

Course Objectives

- Hands-on experience and comprehensive knowledge of various machine mechanisms
- Detailed mechanism setup and operation
- Installation of all mechanisms and setting up AIS machine for full operational potential

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"> Machine Frame. Section Frame IS Valve block Feeder Mechanism 	<ul style="list-style-type: none"> Hands-on at the machine using valve block, speed screws and stripping and re-fitting valves Zeroing and centering the plungers 	<ul style="list-style-type: none"> Participants will understand the setting required to zero the plunger mechanism
Day 2	<ul style="list-style-type: none"> Tube Mechanism Shear Mechanism Gob Distributor 	<ul style="list-style-type: none"> Hands-on Zeroing the tube height Stripping shear mech, changing blades, setting open and close positions 	<ul style="list-style-type: none"> Participants will be competent to align the 555 Gob Distributor with the relevant troughs and will know how to change the shear blades
Day 3	<ul style="list-style-type: none"> Electrical machine operation Plunger mechanism MOC Baffle-,Funnel-&Blowhead mechanism 	<ul style="list-style-type: none"> Hands-on removing and fitting plunger mechanism Changing plunger positioner/cartridge. with the spare mechs strip and rebuild 	<ul style="list-style-type: none"> Participants will be able to safely operate the mechanism, start the machine and set the mechanism's mode and setup position.
Day 4	<ul style="list-style-type: none"> Servo Electric Invert mechanism Neckring mechanism Servo Electrical Take-out mechanism 	<ul style="list-style-type: none"> Hands-on removing and installing SEI and neck ring mechanism Setting neck ring height and using teach mode to set the neck ring level (X&Ys) 	<ul style="list-style-type: none"> Participants will be capable of removing and replacing the plunger mechanism and setting the correct neck ring height and level position on an AIS machine
Day 5	<ul style="list-style-type: none"> FlexConveyor (mechanical) FlexPusher (mechanical) 	<ul style="list-style-type: none"> Hands-on FlexConveyor & Pusher Operation of high low air and air guide Removing and stripping of high low valve setting conveyor height Changing fingers and matching belt speeds 	<ul style="list-style-type: none"> Participant will be capable of removing and installing all mechanisms and have the understanding to set up each machine to achieve full operational potential



Hot End Cold End
STRONGER TOGETHER