



Training modules

	Basic	Advanced	Professionals
Process technology and plant operation	Basics of the grinding process, product quality, control systems	Heat balances, interlockings, mill operation, trend analysis	Changes in material and optimization based on the topics from earlier training sessions
Mechanics	Design basics of mill and related components	Repair work, removal of plant parts, Lift-and-Swing System, replacement of wear parts of grinding rollers and grinding table	Replacement of bearing parts (of classifier and grinding rollers), mechanical preparation and supervision of operation with n-1 rollers (on MVR mills) and n-1 drive units (only with MultiDrive®), return to normal operation
Troubleshooting	Identifying typical faults and taking countermeasures	Analyzing cross-system error messages and dysfunctions, taking countermeasures	Trend analysis, checking interlockings, software adaptations
Hydraulics and lubricants	Design and function of hydraulic units and lubrication systems, maintenance basics, change intervals, oil purity and oil filtration, lists of lubricants and lubrication points, safety aspects	Troubleshooting and remedy, handling of hydraulic control system with its parameters (automatic mode/local control), oil analysis and oil parameters	-
Machines from sub-suppliers	Presentation of machines from sub-suppliers, function, maintenance and operation	Upon request (in cooperation with sub-suppliers)	-
Spare parts	Instructions for using our spare parts documentation: identify the spare part, find it in the documentation, prepare and send information	Strategic spare parts, stock keeping of spare parts, spare parts for troubleshooting	-