



TRAINING SYLLABUS

DAD3350 MAINTENANCE 1

Intended Trainees	<p>A member of the organization which owns (or will own) the applicable machine, and:</p> <ul style="list-style-type: none">• who has already completed the "Operation" course (or has equivalent operation skills)• who conducts periodic maintenance of the machine
Course Objective	<p>To enable trainees to safely and precisely perform the periodic maintenance and consumable parts replacement described in the Maintenance Manual of the machine</p>
Day 1	<p>Orientation</p> <p>Introduction of Training Center facility/staff and schedule</p> <p>Identify General Safety Information</p> <p>Identify Safety precautions for maintenance activity</p> <p>Identify Inherently Hazardous Operation Areas and Ways to Avoid the Area</p> <p>Identify Power Circuit Breaker</p> <p>Identify the EMO Switch</p> <p>Identify Safety interlock mechanism</p> <p>Carry Out LOTO for Safe Machine Maintenance</p> <p>Identify machine components layout & Structure</p> <p>Identify Spindle structure</p> <p>Identify Chuck table structure</p> <p>Set up Passwords/User Define Data</p> <p>Adjust Air Pressure Sensor</p> <p>Set Vacuum Pressure Sensor Thresholds</p> <p>Replace Chuck Table</p> <p>Focus Maintenance</p> <p>Execute Rotation Alignment</p> <p>Utilize Digital I/O Check Function</p> <p>Utilize Axis Operation Function</p> <p>Set up the Maintenance Scheduler</p> <p>Set up Function Data Maintenance Screen</p> <p>Clean the Cutting Room (Chamber)</p> <p>Clean Spindle Front Cover Section</p> <p>Clean Spindle Coolant Water Path</p> <p>Clean Vacuum Ejector</p> <p>Clean/Adjust NCS Sensor</p> <p>Clean/Adjust BBD Sensor</p>

	<p>Perform X-axis Greasing</p> <p>Perform Y-axis Greasing</p> <p>Perform Z-axis Greasing</p> <p>Perform Theta-axis Sensor Assembly Greasing</p> <p>Identify the Purpose of Flange/Mount Conditioning</p> <p>Perform Wheel mount/Flange conditioning</p> <p>Inspect and Adjust the Air/Water Curtain Angle</p>
Day 2	<p>Replace AIR CLEAN UNIT consumables</p> <p>Replace Halogen lamp</p> <p>Replace Spindle carbon brush assembly</p> <p>Replace Microscope LED light</p> <p>Replace Y-axis Roll Cover (Sheet)</p> <p>Replace Spindle Coolant Water Flow Rate Sensor</p> <p>Replace Solenoid Valves</p> <p>Replace X-axis Bellows</p> <p>Replace Chuck Table V-ring, O-ring and Water Cover</p> <p>Q & A</p> <p>Closing</p> <p>Issuing training certificate</p> <p>Request for filling in questionnaire sheet</p>
Note	<p>The specification of the DAD3350 varies according to the customer in terms of function and accessories. For this reason, please note that the machine to be used in the training may not have the same specifications as your machine and may not be equipped with the optional accessories that your machine has.</p>