

## Bending Training Schedule - HM & HDS Series AMNC-PC Controller

Date/Day	Time(H)	Topic	Contents
1st Day	9:00 ~ 09:15	<b>Introduction</b>	Introduction and Facility orientation
	9:15 ~ 10:15	<b>Machine Overview &amp;</b>	Machine Parts and working explanation, Axis and Tonnage Explanation.
	10:15 ~ 10:45	<b>Safety</b>	Operator, Machine and Tool Safety Explanation
	<b>Break Time (15 min)</b>		
	11:00 ~ 13:00	<b>Basic Bending Knowledge</b>	Bending Principle and Type of Bending, Spring back, Parameter affects on Bend elongation, V size/width selection, Tool Selection & bending Sequencing logic, Die Selection, bending tonnage calculation, Punch and Die tonnage capacity explanation
	<b>Lunch Time</b>		
	14:00 ~ 14:30	<b>Bending Tools</b>	Types of Punches and Dies and its selection
	14:30 ~ 15:45	<b>Sample Part Bending and Control Panel</b>	Sample Bending Process and Practice of part holding with safety during bending. Control panel keys explanation
	<b>Break Time (15 min)</b>		
16:00 ~ 17:00	<b>Make Machine Ready</b>	Machine Startup and Shutdown procedure, Punch and Die Loading practice and handling and storage	
17:00 ~ 17:15			<b>Q &amp; A</b>
2nd Day	09:00 ~ 09:15	<b>Review</b>	1st Day Topic Review
	09:15 ~ 10:45	<b>AMNC-PC &amp; Operational Flow</b>	Controller Operational Flow, AMNC-PC Feature explanations
	<b>Break Time (15 min)</b>		
	11:00 ~ 13:00	<b>AMNC PC - Direct &amp; 2D Mode</b>	Direct Mode and 2D mode explanations, Sample Bending using 2D mode, Bend Sequence selection Auto/ Manual, tool selection, Layout creation, bending trial and adjustment of bend angle and flange, FR bend
	<b>Lunch Time</b>		
	14:00 ~ 15:45	<b>2D Mode sample practice</b>	Practice session of various samples
	<b>Break Time (15 min)</b>		
16:00 ~ 17:00	<b>AMNC PC and Practice</b>	Bending Parameter explanation and Adjustment. Practice of 2D mode samples	
17:00 ~ 17:15			<b>Q &amp; A</b>
3rd Day	09:00 ~ 09:15	<b>Review</b>	Review of yesterday's session
	09:15 ~ 10:45	<b>AMNC PC - 3D Mode</b>	AP100 Part modal bending data read in 3D Mode demonstration. Parameter adjustment and Practice
	<b>Break Time (15 min)</b>		
	11:00 ~ 13:00	<b>AMNC PC - 3D Mode</b>	Various 3D Mode samples Practice Session
	<b>Lunch Time</b>		
	14:00 ~ 15:00	<b>Maintenance</b>	Machine Maintenance, Tool Maintenance
	15:00 ~ 15:30	<b>Bending Practice</b>	3D parts bending practice
<b>Break Time (15 min)</b>			
15:45 ~ 17:15			<b>Review, Laser Test and training feedback</b>
			<b>Test Paper Checking and Certificate Distribution</b>