

## Bending Training Schedule [HG/HM/HDS Series]

Day	Time	Topic	Contents
1st Day	9:00 ~ 09:15	Introduction	Introduction and Facility orientation
	9:15 ~ 10:15	Machine Overview &	Machine Parts and working explanation, Axis and Tonnage Explanation.
	10:15 ~ 10:45	Safety	Operator, Machine and Tool Safety Explanation
		Break Time	
	11:00 ~ 13:00	Basic Bending Knowledge	Bending Principle and Type of Bending, Spring back, Parameter affects on Bend elongation, V size/width selction, Tool Selection & bending Sequencing logic, Die Selection, bending tonnage calculation, Punch and Die toonage capacity explanation
	13:00 ~ 14:00	Lunch Time	
	14:00 ~ 14:30	Bending Tools	Types of Punches and Dies and its selection
	14:30 ~ 15:45	Sample Part Bending and Control Panel	Sample Bending Process and Practice of part holding with safety during bending. Control panel keys explanation
		Break Time	
	16:00 ~ 17:00	Make Machine Ready	Machine Startup and Shutdown procedure, Punch and Die Loading practice and handling and storage
	17:00 ~ 17:15	Q & A	Q&A session
2nd Day	09:00 ~ 09:15	Review	1st Day Topic Review
	09:15 ~ 10:45	AMNC-PC & Operational Flow	Controller Operational Flow, AMNC-PC Feature explanations
		Break Time	
	11:00 ~ 13:00	AMNC PC - Direct & 2D Mode	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
	13:00 ~ 14:00	Lunch Time	
	14:00 ~ 15:45	2D Mode sample practice	Practice session of various samples
		Break Time	
	16:00 ~ 17:00	AMNC PC and Practice	Bending Parameter explanation and Adjustment. Practice of 2D mode samples
17:00 ~ 17:15	Q & A	Q&A session	
3rd Day	09:00 ~ 09:15	Review	Review of ysterday's session
	09:15 ~ 10:45	AMNC PC - 3D Mode	AP100 Part modal bending data read in 3D Mode demonstration. Parameter adjustment and Practice
		Break Time	
	11:00 ~ 13:00	AMNC pc - 3D Mode	Various 3D Mode samples Practice Session
		Lunch Time	
	14:00 ~ 15:00	Maintenance	Machine Maintenance, Tool Maintenance
	15:00 ~ 15:30	Bending Practice	3D parts bending practice
		Break Time	
	15:45 ~ 16:45	Test and Feedback	TEST & Certificate Distribution and Feedback session
17:00 ~ 17:15	Certification	Certificate will be issued to TEST Qualified members	

