

Punching Training Schedule EMM2-AMNC-3i

Date/Day	Time(H)	Topic	Contents
1st Day	09:00 ~ 09:15	Introduction	Introduction and Facility orientation
	09:15 ~ 10:00	Safety rules	Operator and machine safety
	10:00 ~ 10:45	Machine Overview	Machine Specification and Axis and speed explanation
	Break Time (15 min)		
	11:00 ~ 13:00	Punching Know How	Punching Process know how, Material types, tonnage calculation, tools introduction, turret information, Die Clearance its Effect on quality, minimum diameter etc.
	Lunch Time		
	14:00 ~ 14:30	Machine Operation	Machine Power ON and making ready procedure and Shut down procedure and control panel keys/Push Button explanation
	14:30 ~ 15:30	Sample Punching	Call Program by using Bar code reader, VSDD, SDD, NC, Search/list Option Tools loading for sample Punching
	Break Time (15 min)		
	13:45 ~ 17:00	ID Tooling	Tools loading for sample Punching using Tool ID Reader
17:00 ~ 17:15	Q & A		
2nd Day	09:00 ~ 09:15	Review	Review of previous day training
	09:15 ~ 10:45	NEX- Tooling	NEX-III Tool disassembly & assembly practice and Height adjustment
	Break Time (15 min)		
	11:00 ~ 13:00	Alpha Guide Tooling	Alpha guide, C, D and E station tools assembly and disassembly and practice
	Lunch Time		
	14:00 ~ 15:30	Tool Loading/Unloading	Practice of Loading / Unloading of the tools and using tool balancer
		Tool Maintenance	Burr level checking, Punch & Die Grinding Value and use of Shim for die
	Break Time (15 min)		
15:45 ~ 17:00	ID Tooling	Tools Registraion, Tools Assembling, Recombining tools, Tool Grinding Status, Scrapping Tools, Deleting Tools, etc.	
17:00 ~ 17:15	Q & A		
3rd Day	09:00 ~ 09:15	Review	Review of previous day training
	09:15 ~ 10:45	Forming Tool Trial	Forming tool explanation and bottom position setting for any special tool by taking trial.
	Break Time (15 min)		
	11:00 ~ 12:00	Practice M Code	Practice of M code setting for any one similar to customer tool, Practice of M code setting for any one forming tool
	Break Time (15 min)		
	12:00 ~ 13:00	AMNC- 3i panel	Program and Schedule creation and Explanation
	Lunch Time		
	14:00 ~ 15:30	AMNC- 3i panel	AMNC 3i Switch Panel Explanation, process quantity etc.
Break Time (15 min)			
15:45 ~ 17:00	AMNC- 3i panel	Program modification, Resume, Reprocess Sheet option explanation	
17:00 ~ 17:15	Q & A		
4th Day	09:00 ~ 09:15	Review	Review of previous day training
	09:15 ~ 10:00	M and G codes	M codes and G codes explanation
	10:00 ~ 11:00	AMNC- 3i	History, Result and maintenance screen explanation
	Break Time (15 min)		
	11:15 ~ 13:00	Trial Punching	Reposition Program sample punching Sample Punching by using set M code by customer.
	Lunch Time		
	13:00 ~ 14:00		
	14:00 ~ 15:30	Periodic Maintenance	Machine Lubrication, Turret cleaning, grease replacement, Cleaning and Lubrication of Auto Index Station, Tool Inspection, Grinding the tools by using TOGU III
	Break Time (15 min)		
	15:45 ~ 17:15	Review, Laser Test and training feedback Test Paper Checking and Certificate Distribution	