

Laser Training schedule [FOM2 Series]

Date/ Day	Time(H)	Topic	Contents	Incharge	
1st Day	9:00 ~10:45	Laser Safety rules	Measures for preventing laser beam hazards		
			Handling of optical parts		
			Health and Machine Safety		
			Inhale of Cutting gases, Medical devices failure, High voltage, Eye examination		
		Break Time (15 min)			
	11:00 ~11:15	Machine Specification (FO M2 3015 NT)	Cutting Speed, Axis Speed, Options etc.		
	11:00 ~ 12:00	Laser Basics	Brief info. on generation of Laser		
			Basics of laser metal cutting process		
	12:00 ~13:00	Machine and Accessories	Machine explanation, Explanation & Purpose of Accessories, Chiller, Dust collector, Purge unit and Air supply unit		
		Lunch Time			
	14:00 ~ 15:30	Machine Ready	Machine start ON		
		Sample cutting demonstration(good & Not Good) and Accuracy check			
		Lens Cleaning, Nozzle centering,			
	Break Time (15 min)				
15:45 ~ 16:50		Nozzle cleaning and Inspection			
		HS sensor calibration, Focus adjustment			
		Machine Shutdown Procedure			
~ 17:00	Q & A				
2nd Day	9:00 ~ 10:00	Review	Repeat Make machine Ready procedure		
	10:00 ~ 10:45	Control Panel	Explanation of the Control Panel buttons		
			key switches,		
		Break Time (15 min)			
	11:00 ~ 13:00	Types of Nozzles	Eco cut nozzles, clean cut and WACS nozzle		
		Types of lenses	5" , 7.5" lens and 10" lens and their use		
		Cut condition files	Cutting condition files Explanation for Oxygen, Nitrogen and Air cutting etc.		
		Various cuttings	Eco cut, Clean cut, WACS cut, Oil shot		
		Sample Cutting	Sample cutting Trial		
	13:00 ~ 14:00	Lunch Time			
	14:00 ~ 15:30	AMNC-F Screen	Explanation of Utility screen, Programme Schedule, Pre-edit, Switch panel		
			Current Position Panel,		
			Nozzle loading and Registration in nozzle changer unit (Option)		
	Break Time (15 min)				
15:45 ~ 16:50	Sample Cutting	Cutting Trials on various material			
		Machine Shutdown Procedure			
~17:00	Q & A				
3rd Day	9:00 ~ 9:30	Review	Repeat Make machine Ready procedure		
	9:30 ~ 10:45	M and G codes	M codes and G codes explanation and Multiparts Processing		
		Break Time (15 min)			
	11:00 ~ 13:00	Cutting Trials	Various metal cutting trials		
	13:00 ~ 14:00	Lunch Time			
	14:00 ~ 14:30	Maintenance	Periodic Maintenance		
		Cutting Trials	Cutting Trials Practice by changing the parameter like Focus, Duty etc.		
	14:30 ~ 15:30		Machine Shutdown Procedure		
	Break Time (15 min)				
15:45 ~ 17:00	Q & A and fill HR feedback form and Cutting Practice				
	Certificate Distribution				

Trainees Feedback::

Trainers Feedback::