

MF Eco machine Certification System Registry

Registered: Sep 13, 2012

Revised: June 2, 2015

Revised: June 5, 2018

Certification number		MF-B015		Product scope	MYSPOT High Speed Welders Series		
Registered company		Koyo Giken Inc.		Certified product	NK-08-KGwc, NK-21HE(V)-KGwc, NK-71HE-KGwc		
Production year/month of criteria-base product		Mar, 2012		Criteria-base product	NK-08, NK-21HE(V), NK-71HE		
Requirements & environment factors		Evaluation item	Criteria	Evaluation results and/or remarks			
(1) Essential requirements				NK-08-KGwc vs NK-08	NK-21HE(V)-KGwc vs NK-21HE(V)	NK-71HE-KGwc vs NK-71HE	
Energy saving	Energy consumption	Reduction ratio	15% or more reduction	36%	26%	32%	Based on JFMA Criteria
(2) Selective requirements				NK-08-KGwc vs NK-08	NK-21HE(V)-KGwc vs NK-21HE(V)	NK-71HE-KGwc vs NK-71HE	
Energy saving	Energy consumption	Loaded electric power consumption	15% or more reduction	44%	32%	39%	Based on JFMA Criteria
Resources saving	Operating oil	Amount of use	10% or more reduction	X			
Environment conservatn	Vibration & noise	Loaded noise	3 dB or more lowering	X			
Minimum selective requirements		3 items or more		3 items			
(3) Recommended requirements		Names of equipped devices/functions	Summary of effects on environmental burden reduction				
Environment factor	Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil)	Timesaving	Reduction in sander finishing due to limited welding distortion				
		Timesaving	Reduction of burning removal material due to limited welding burn				
		EZ setting	Defect ratio reduction with welding parameter control system				
		Dress factor control	Controlled chip dress execution timing for welding conditions				
		Welding navigation	Guiding functions to set appropriate welding conditions				