

MIGATRONICS - Preventive Maintenance Schedule

Items to be checked.	Type of Preventive Schedule	Periodicity
Power source	<ol style="list-style-type: none"> 1) Checking the electrical connectors – cleaning the oxidized parts and tighten the loosened parts. 2) Cleaning the inner parts of the machine & entire machine (inner & outer) from dust & dirt. 3) Checking and maintenance of welding tools 4) Checking of connectors, switches and potentiometers 5) Checking of electrical connections 6) Meter checking 7) Checking of main cable and plug. 8) Damaged parts or parts in bad connection are replaced by new ones 9) Maintenance testing - Operation and performance values of the machine are checked and adjusted by means of test equipment. 	Quarterly
Wire Feeder	<ol style="list-style-type: none"> 1) Checking the wear of the grooves of feed rolls 2) Checking the wear of the wire guide tubes 3) Checking the setting of wire guide tube in the gun near the feed rolls. 4) Checking the reel brake adjustment. 5) Checking the electrical connections. The oxidized couplings must be cleaned and loose couplings must be tightened. 6) Cleaning the dust and dirt from the equipment 	Quarterly (PM time shall be max. one day only permissible)
Torch	<ol style="list-style-type: none"> 1) After removing welding spatter, check the conditions of insulation, contact tip, contact tube and gas nozzle at welding end. 2) Checking condition of insulation bushing inside the gas nozzle, whether broken or not and seated in its place. 3) Checking tip insulation of neck is undamaged and seated in its place 4) Checking flow of shielding gas is free and even. 5) Checking the discharge holes for shielding gas is free from spatter or dirt. 6) Cleaning the wire liner of Gun cable by replacement of wire reel or more often. 7) Checking the insulations of handle and gun cable are undamaged. 8) Checking of no sharp bends in the gun cable. 	Quarterly (PM time shall be max. one day only permissible)