

Welding Machine Argon/ Argonshield

Last Issue Date: 30/09/2013		Type Of Service				
Activity		A	B	C	D	E
1	Manifold Installation -Check test valve stems in open position. -Check manifold for leaks. -Ensure manifold is securely fastened to the wall. -Ensure cylinders are securely restrained. -Check manifold, cylinder support brackets and surrounding pipework for corrosion. -Check manifold operation signage clearly displayed including 'In use & 'Reserve' signs.			Y		
2	Cylinder Leads -Check cylinder tags for maximum pressure & gas compatibility. -Check for damage or corrosion. -Check 'O' rings fitted to bullnose spigots. -Check for leaks.			Y		
3	Manifold Regulators -Check for any leaks. -Check for any creeping.			Y		
4	Safety Relief Valve -Check relief valve for sign of deterioration. (Note they should be replaced every 5 years).			Y		
5	Isolation Valves -Check valves fitted at start of supply line or principle branches. -Check valves are easily accessible. -Check ease of operation.			Y		
6	Pressure gauges -Check presence of isolation valve before gauge. -Check blow-out plug clear of wall.			Y		
7	Outlet Stations -Check outlet stations are adequately ventilated to prevent the build up of fumes. -Check presence of regulator or flowmeter to each working outlet. -Check delivery pressure gauge. -Check condition of bullnose nut, nipple and 'O' ring. -Check appropriate hazard labels fitted to outlet point.			Y		
8	Point Valve Seats and Stems -Leak test point valves in open position. -Check cylinder valves. -Check concentric point valves if fitted.			Y		
9	Pipework Identification -Check for visible signs of corrosion. -Check for appropriate colour painted pipework. -Check correct gas identifier on pipework label.			Y		

Disclaimer -This TDS is intended to provide guidance only to support Preventative Maintenance servicing activities. All TDS users are encouraged to read and understand the full [Conditions of Use](#) provided on the final page of this document and on the DPTI website.

For more information please contact the applicable Facilities Management Service Provider.



Government of South Australia
Department of Planning,
Transport and Infrastructure

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10	Hoses -Check hoses for burns and deterioration. -Check hoses are marked with the following identification: manufacturer or supplier, year of manufacture, hose standard, correct colour coding.			Y		
11	Solenoid Valves -Check for leaks and intrinsic safety.			Y		
12	Record results in log book.			Y		

Special Comments and Technical Data

C SERVICE 6 MONTHLY
REFER TO THE RELEVANT MIG OR TIG TECH. SHEET FOR THE WELDER SERVICE.

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