

Spot Welder - Non Portable

Last Issue Date: 04/10/2013		Type Of Service				
Activity		A	B	C	D	E
1	WELDING LEADS -Check welding leads are not excessive in length. Should be kept as short as practicable. -Inspect for damage to cable insulation. -Check cable size compared to machine capacity.		Y		Y	
2	HOSE -Check hose for cracking at fittings and over its length. Replace if necessary. -Leak test hose fittings.		Y		Y	
3	WORK LEAD -Inspect for damage to cable insulation. -Check cable size compared to machine capacity.		Y		Y	
4	WORK CLAMP -Check spring tension and condition of jaws. -Check condition of lug and associated cable. -Check lug to clamp tightness.		Y		Y	
5	TERMINAL -Inspect insulation terminals -Check terminals for tightness -Check lug condition		Y		Y	
6	WELDING SCREENS -Inspect welding screens for damage and suitable for purpose. -Check welding bays are of non reflective finish.		Y		Y	
7	WELDING HERMET -Check chipping lens is used and fitted in correct position. -Check CR39 cover plate lens is used and fitted in correct position. Check welding filter suitable for purpose (shade matches process and amperage).		Y		Y	
8	RESISTANCE TEST -Resistance test insulation and earthing every 3 months for portable equipment.		Y		Y	
9	RESISTANCE TEST -Resistance test insulation and earthing annually for fixed equipment.				Y	
10	ELECTRICAL -Inspect for damage to switch gear, wiring and / or conduit. -if welder is operated on a circuit protected by portable RCD check test status of RCD.				Y	
11	FUME EXTRACTION -check fume extraction unit is operating (Refer to ME23 for service details).				Y	
12	Record results in log book		Y		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

Download Date: 22/12/2020

## Special Comments and Technical Data

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B SERVICE MONTHLY (BY SITE)

D SERVICE ANNUAL

USE EQ170 FOR PORTABLE WELDERS

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