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## TROUBLE SHOOTING FORM

**Dear customer, please mark with a cross the values below and resend the document back to us. As much the answers will be precise and complete, as easier will be for our technicians to understand what's the issue on your unit.**

Mod. WELDER ? L/45 L/80 L/160 L/350 L/700

Serial NO. and Year of construction?  
SEE REAR PANEL -RATING PLATE  
OR INTERNAL TANK

What's your Voltage line ? 115 V. 230 V. 240 V.

Frequency ? 50 Hz 60 Hz

Time of last overhaul or repair ? 6 months 12 months more then 12 months

Time of last replacement of check valve ? 6 months 12 months more then 12 months

Time of last replacement of flame arrester ? 6 months 12 months more then 12 months

Time of last replacement of electrolytic solution ? 6 months 12 months more then 12 months

### ELECTRICAL SECTION

	YES	NO
Maximum level indicator lights ON ?	<input type="radio"/>	<input type="radio"/>
Minimum level indicator lights OFF ?	<input type="radio"/>	<input type="radio"/>
Is it the GREEN light ON ?	<input type="radio"/>	<input type="radio"/>
Does the fan motor work ?		
Does the gas supply indicator pointer needle work regularly by adjusting the power knob ?	<input type="radio"/>	<input type="radio"/>
<b><u>(Per Mod.L/45, Do not answer, due to no gas supply indicator)</u></b>		
Does the indicator pointer needle work regularly when you turn the power knob clockwise & counter-clockwise ?	<input type="radio"/>	<input type="radio"/>
<b><u>(Per Mod.L/45, Do not answer, due to no gas supply indicator)</u></b>		

When you turn ON the welder do you hear unusual vibrations ?  YES  NO

Do you smell something unusual like electric component burned ?  YES  NO

After turning ON the welder, does the gas supply indicator drops to the Zero ?  YES  NO

**(Per Mod.L/45, Do not answer, due to no gas supply indicator)**

## **PNEUMATIC SECTION**

YES  NO

Do you hear gas flowing from the burner tips ?  YES  NO

Do you hear gas flowing from the torch after removing the burner tip ?  YES  NO

**Without lighting the flames,** if you unscrew the safety cap, do you hear gas flowing PAUF ?  YES  NO

If the gas supply indicator drops to the zero.  
**Without lighting the flames.**  
Remove the torches from the rubber hose and check if the gas indicator goes back up ?  YES  NO

**(Per Mod.L/45, Do not Answer, due to no gas supply indicator. Immerse the rubber hose in a glass of water and verify if there are gas bubbles)**  YES  NO

If the gas supply indicator drops to the Zero.  
**Without lighting the flames.**  
Remove the booster tank and check if the gas indicator goes back up ?  YES  NO

**(Per Mod.L/45, Do not answer, due to no gas supply indicator. Check the booster tank for obstructions, eventually immerse it in boiling water at least per 30 min.)**

If the gas supply indicator drops to the Zero.  
**Without lighting the flames.**  
After replacing the check valve, does the gas supply indicator work properly ?  YES  NO  
**(For Mod. L/45 check if the gas flows out regularly from the torch)**

If the gas supply indicator drops to the Zero.

**Without lighting the flames.**

After replacing the flame arrester, does the gas supply indicator work properly ?

**(Per Mod.L/45, Do not Answer, due to no flame arrester)**

What's the room temperature ?

59°F

68°F

86°F

104°F

15°C

20°C

30°C

45°C

**Please describe possible anomaly in order to help us to individualize the failure :**