Thermal Gas *Systems* inc. _____

**11285 Elkins Road  Bldg. H-1 ? P.O. Box 803 ? Roswell, GA 30076**
Haloguard[?] and Haloguard IR[?] Monitors

TEL  (770) 667-3865
FAX  (770) 667-3857

**To:** _____     **Date:** _____

**AT:** _____

**FAX:** _____

**From:** _____

**Subject:   Haloguard  Model** _____     **S/N** _____

**Message:** Please provide the following information so that we may determine the solution to your problem.

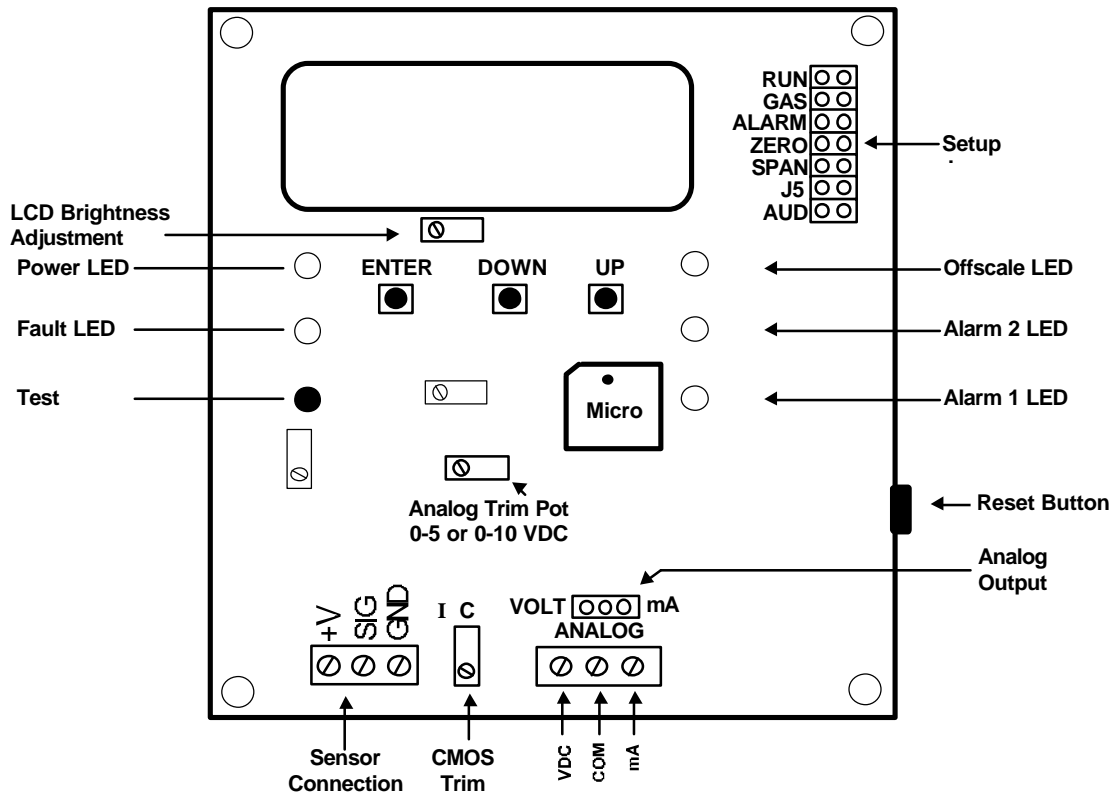> **1-** Describe the problem: _____
>
> _____
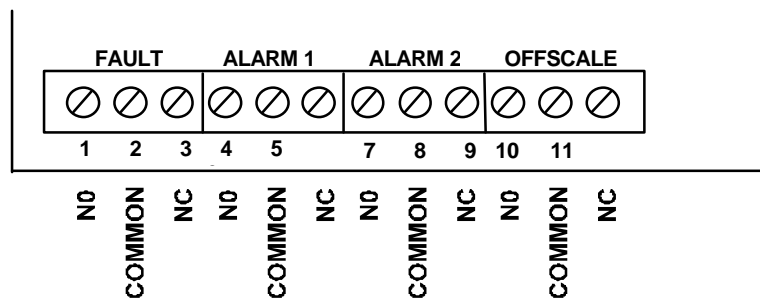>
> _____



**Figure 2 - Haloguard  Controller Upper Circuit Board**

> **2-** Remove clear cover and faceplate. Refer to **figure 2**, record jumper settings.

| RUN | GAS | ALARM | ZERO | SPAN | J5 | AUD |
|-----|-----|-------|------|------|-----|-----|
| ON | ON | ON | ON | ON | ON | ON |
| OFF | OFF | OFF | OFF | OFF | OFF | OFF |
|  |  |  |  |  |  |  |

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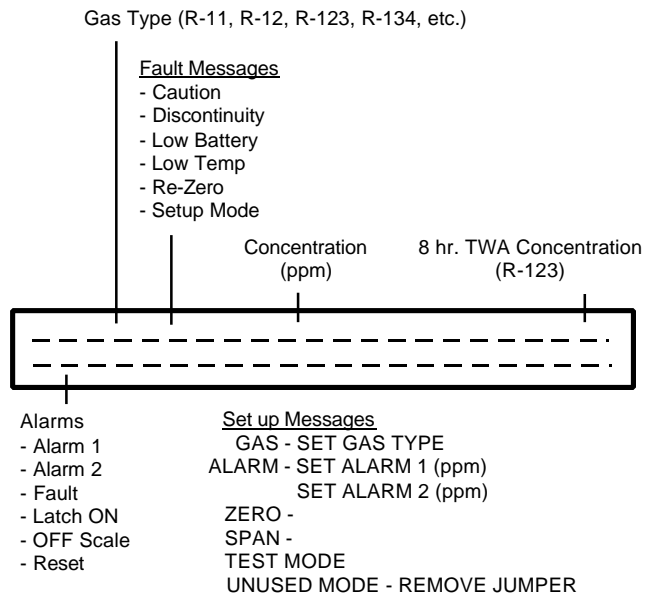
TEL  (770) 667-3865
FAX  (770) 667-3857

Move jumper to **ALARM** position, record alarm 1 and alarm  2  values**.**_____
_____

Move jumper to **J5** position, record information displayed**.**_____

**3-**   Refer to **Figure 3**.   Indicate where connections have been made  _____

_____



**Figure 3 - Haloguard Controller Lower Circuit Board**



**Figure 4 - Haloguard Controller LCD Display Features**

**4-**  Refer to **Figure 2.** Advise status of all the LEDs :_____
**5**- Refer to **Figure 4**. Observe LCD and provide information displayed._____
_____

**6-** Using **Figure 2** as a guide, measure voltage between **SIG** and **GND;** also, between **VDC** and **GND**. Record values to the nearest millivolt (0.001V).

| CHANNEL | |
|---|---|
| **VDC & GND** | |
| **SIG & GND** | |