



Fill in light gray areas and press submit button when completed.



## Warranty/Repair Questionnaire TNMH 451 HC Analyzer

<b>Customer:</b> <input style="width: 95%;" type="text"/>	<b>Contact Name:</b> <input style="width: 95%;" type="text"/>
<b>Phone #:</b> <input style="width: 95%;" type="text"/>	<b>E-Mail or Fax #:</b> <input style="width: 95%;" type="text"/>
<b>Serial #:</b> <input style="width: 95%;" type="text"/>	<b>Software Ver.:</b> <input style="width: 95%;" type="text"/>

**Describe the failure symptoms.**

**Values displayed by pressing "ACT" Button**

PARAMETER	ACTUAL LEVEL	REF LEVEL
DET. TEMP		110°C
REACT. TEMP		190°C
ZERO LEVEL		20...180 mV
CAL.LEV.MET		20...40 mV / PPM CH4
CAL.LEV.NMH		60...100 mV / PPM CH3H8
REF.LEV.MET		20...40 mV / PPM CH4
REF.LEV.NMH		50...1000 mV / PPM CH3H8

**Values displayed by pressing "SET" Button**

PARAMETER	ACTUAL LEVEL	REF LEVEL
STD.MET		CALIBRATION VALUE (2.00 PPM)
STD.NMH		CALIBRATION VALUE (1.95 PPM)
MR.RATE		9 (MIN)
CAL.RATE		NO
CAL.LEV.MET		ONLY FOR "NO" (mV)
CAL.LEV.NMH		ONLY FOR "NO" (mV)
RANGE		10 (PPM)

**What is actual measured flow?**

SAMPLE	30 – 60 CC/MIN (0.5 BAR)	<input style="width: 95%;" type="text"/>			CC/MIN
AIR	250 – 400 CC/MIN (1.0 BAR)	<input style="width: 95%;" type="text"/>			CC/MIN
H2	30 - 60 CC/MIN (1.0 BAR)	<input style="width: 95%;" type="text"/>			CC/MIN
FLOW METER ON FRONT PANEL @			BOTTOM	MID	TOP
CAL GAS CONC.					CH4
					C3H8
BAL GAS	AIR	NITROGEN		OTHER	<input style="width: 95%;" type="text"/>
ZERO AIR SOURCE	CYL	M701		OTHER	<input style="width: 95%;" type="text"/>
Is the unit collecting valid data?	<input style="width: 95%;" type="text"/>				
What % of your data is valid?	<input style="width: 95%;" type="text"/>				