

## **CHAPTER VI : CONFORMITY OF PRODUCTION PROCEDURE FOR TESTING OF 4 GAS ANALYSER**

### **1 PHYSICAL CHECKING AND VERIFICATION**

- i) Instrument Model number
- ii) List of accessories
- iii) Sensor detector type and model number
- iv) Sample cell dimensions
- v) All PCB model numbers, size and quantity
- vi) Display : type, number of digits, scale and resolution
- vii) Probe length and diameter
- viii) Input/output connectors and cables
- ix) Printout sample
- x) Front panel controls
- xi) Electrical calibration
- xii) Software programme version

### **2 Following tests as per type approval test procedure for 4 gas analyzer given in chapter III shall be carried out for Conformity of Production test.**

- 1. Check of the calibration curve (Clause 9.1 of chapter III)
- 2. Environmental condition and electrical supply (Clause 9.4.1 of chapter III)
- 3. Influence of gas components other than the measured. (Cross sensitivity)(Clause 9.4.2 of chapter III)

### **3 In addition to above conformity test, the test agencies at their sole discretion may determine to carry out any other test, if found necessary.**