

Instrumentation Worksheet

You are embarking upon training to become an Instrument Technician, this will involve aspects from most trades.

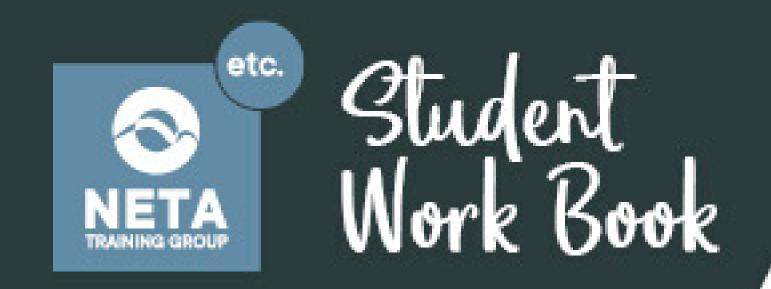
As an Instrument Technician (Tiffy) you will carry out the following;

- Electrical fault finding
- Calibration of Instruments
- Pressure testing
- Overhaul of Control Valves
- Fitting of Copper and Stainless Steel pipe
- Fitting and testing control loops

The most important aspect of all of this work will be Health & Safety, you must take care not to injure yourself or others, you will of course be trained in H&S before doing any activities.

Questions for you to research:

- 1. What does HASAWA stand for?
- 2. When at college, who's safety are you responsible for?
- 3. What does PSI stand for?
- 4. Who invented the Computer?
- 5. What is the speed limit for cars on UK motorways?
- 6. Eider is a type of what?.



Instrumentation Worksheet

- 7. Explain what is meant by a zero and span error?
- 8. What is the function of a transmitter?
- 9. What does there term control mean and why is it used?
- 10. Explain what is ment by an open loop and closed loop control system.