

### Gas Regulator Testing

Instructions: Keep record with cylinder / regulator. Record your name, date and initials confirming that tasks have been carried out as specified below.

Type of gas: \_\_\_\_\_

**Tasks to do:**

- **Weekly visual check of gas regulators**
  - make sure hose has not deteriorated or coiled
- **Monthly** [CO<sub>2</sub>, N<sub>2</sub>, CO, O<sub>2</sub> and other non corrosive gasses] **or twice monthly** [ammonia, hydrogen chloride, chlorine/boron trifluoride, hydrogen sulphide, sulphur dioxide, methylamine and other corrosive gasses] **leak test of gas regulators**
  - wipe area dry with a clean cloth
  - apply compatible leak detection fluid with a brush
  - if bubbling or foaming, depressurize and correct connection
  - Alternatively: use appropriate gas sensor to detect leaks and follow above procedure if reading is above background level
- [http://sydney.edu.au/whs/docs/WH\\_S\\_CHE\\_GUI\\_1\\_Working%20with%20Gases.pdf](http://sydney.edu.au/whs/docs/WH_S_CHE_GUI_1_Working%20with%20Gases.pdf)

Lab Location: \_\_\_\_\_

Date	Name	Visual check Yes/No	Leak Test Yes/No	Signature	Remarks (if any)