

**LAB NAME: PROCESS CONTROL LAB**

| <b>S.No</b> | <b>Name Of The Equipment</b>  | <b>Configuration/<br/>Specification</b>                                       | <b>Quantity</b> |
|-------------|-------------------------------|---|-----------------|
| 1.          | Control Valve Characteristics | 0-1000LPH<br>3-15 psi<br>Tank capacity- 50 Litre                              | 2 No            |
| 2.          | Flow process Control station  | 4-20mA<br>0-1000LPH<br>3-15 psi<br>VAD 104 DAC                                | 1 No            |
| 3.          | Level process control station | 4-20mA<br>0-1000LPH<br>3-15 psi<br>VAD 104 DAC                                | 1 No            |
| 4           | PLC set up                    | Siemens S7-300  | 1 No            |
| 5           | Pressure process station      | 4-20mA<br>Tank-0-50 Psi, 3-15 psi<br>VAD 104 DAC                              | 1 No            |
| 6           | Temperature Control Station   | 4-20mA<br>Furnace temp. 0-1000 Deg.Cel.<br>VAD 104 DAC                        | 1 No            |
| 7           | Bottle filling system         | Motor-0-24V DC  | 1 No            |
| 8           | Cascade Control trainer       | 4-20mA<br>0-100LPH<br>3-15 psi<br>VAD 104 DAC                                 | 2 No            |
| 9           | Interacting & Non Interacting | 0-100 LPH<br>25 cm  | 1 No            |
| 10          | Universal process station     | 0-1000LPH<br>I/P- 3-15 psi/4-20mA<br>Honeywell PLC                            | 1No             |
| 11          | 5-Tank System                 | Control valve with & without<br>positioned<br>0-2500 LPH<br>DPT<br>Delay coil | 1 No            |

**Software details**

| <b>S.No</b> | <b>Name of the Software</b> | <b>No of user<br/>License</b> |
|-------------|-----------------------------|-------------------------------|
| <b>1.</b>   | <b>MAT LAB</b>              | <b>10</b>                     |