



INSTALLATION AND MAINTENANCE INSTRUCTIONS OF SILICON RUBBER HEATER

1.0 INSTALLATION

- 1.1 Prepare the surface: The surface where the heater will be installed should be cleaned and dried to ensure proper adhesion of the heater.
- 1.2 Position the heater: The heater should be positioned on the surface and secured in place using a suitable adhesive. Make sure to position the heater in a way that the heating element is in contact with the surface that needs to be heated.
- 1.3 Connect the leads: The leads from the heating element and the thermocouple must be connected to the appropriate power source and temperature controller.
- 1.4 Insulate the heater: Once the heater is installed and the leads are connected, it must be insulated to prevent heat loss and protect the heater from damage. Insulation material can be used to cover the top and sides of the heater.
- 1.5 Test the heater: Before putting the equipment into operation, test the heater to ensure it is functioning properly. Use a temperature controller to monitor the temperature and make any necessary adjustments.
- 1.6 Check Supply voltage with heater marking & user specification before energizing.
- 1.7 Silicone heater with PSA should be used only after opening the sheet from the PSA side We need to stick it to the surface before we begin.

2.0 START-UP INSPECTION

- 2.1 Check that all terminal connections are tightened properly.
- 2.2 Ensure no physical damages to the temperature sensors or any other part of the heater unit.
- 2.3 To protect the heater, monitor the temperature so that it does not exceed the set value.

3.0 MAINTENANCE

- 3.1 Disconnect power before performing any maintenance servicing.
- 3.2 Maintenance and repair should be performed only by qualified personnel.
- 3.3 Periodically check electrical connections for tightness.