iHeat Tubing Installation Checklist

Pre-installation

- [ ] Visually inspect iHeat tube bundle and spool for damage /cuts/rips. Contact Indeeco if any damage is identified
- [ ] Verify model number on the outer jacket, or spool, to confirm proper application specifications are met: Special note to identify design voltage and confirm with field on supply voltage
- [ ] Verify end are sealed and spool/tubing will be properly sealed during storage and installation
  NOTE: Prevention of moisture ingress is critical
- [ ] Verify bundle routing does not exceed minimum bend radius
- [ ] Verify sufficient number of supports are available for install
- [ ] Verify supports used will not damage/cut the outer jacket causing moisture ingress
  NOTE: Recommended to use Indeeco PN#IHT-STRAP-18 which is a SST reusable strap with halogen free coating
- [ ] Verify hoist/tugging method will not damage the bundle
- [ ] Megger test or Hi-Pot test (as required) has been performed on the heater
  - [ ] Resistance reading of tracer (both ends)
    - Ends should be within 0.2 ohm of each other
  - [ ] Megger test tracer
    - Passing value: 20 MegOhm or greater
    - Ends should be within 0.2 ohm of each other

Post-installation

- [ ] Visually inspect iHeat tube bundle for damage / cuts/rips that may have occurred during install. Seal any damage to jacket and contact Indeeco if any damage is identified
- [ ] Verify ends have been properly sealed using RTV sealant and a heat shrink to prevent moisture ingress
- [ ] Verify bundle routing does not exceed minimum bend radius
- [ ] Verify sufficient number of supports were installed
- [ ] Verify supports used did not damage/cut the outer jacket causing moisture ingress
- [ ] Verify proper power Indeeco connection and end termination kits were used on the electric tracer and installation instructions were followed
- [ ] Verify temperature sensor(s) type, reading, and location (if applicable)
- [ ] Continuity check of all messenger wires (if applicable)
- [ ] Verify exposed tracer on end is not in direct contact with high temperature equipment that could damage the tracer
- [ ] Verify controller/thermostat set-point
- [ ] Verify design voltage meets supply voltage
- [ ] Verify that there is no exposed bare tubing which could result in a cold spot
- [ ] Megger test or Hi-Pot test (as required) has been performed on the heater
  - [ ] Resistance reading of tracer (both ends)
    - Ends should be within 0.2 ohm of each other
  - [ ] Megger test tracer
    - Passing value: 20 MegOhm or greater
    - Ends should be within 0.2 ohm of each other