

Package Air Conditioner – 1 Technician – 1.5 hour

- Check with operating personnel for any noticeable deficiencies. (.04 hours)
- Check for unbalance or unusual noises while operating and control panel for alarms or indicators not working. There should be none. If present, investigate source and plan to investigate during PM activities. (.08 hours)
- Check temperature and humidity charts to assure unit is maintaining control and to calculate recovery time. (.05 hours)
- Determine the time required for the system to cool the area from high limit to target temperature. Does this meet set standard? (.03 hours)
- Perform LOTO for the unit as detailed in proper procedure. (.12 hours)
- Remove belt guard and store the fasteners in a bucket (.12 hours)
- Check belt tension (need to specify based on type of belts by belt tension measuring device) _____ tighten or loosen to meet specified measure. (.05 hour)
- Inspect belt for cracks, fraying, wear, uneven wear, delamination or chaffing. There should be none and if found write work order or contact supervisor if severe. (.01 hour)
- Check belt alignment using simple laser tool. Make small adjustments if required not more than .08 hour.
- Remove lubrication point covers, carefully clean lubrication opening and lubricate all the bearings: shaft and motor - (Define location. Lubrication type, quantity of lubrication and any special instructions- Recommend using visual controls at the machine.) (.16 hour)
- Clean up excess grease and reinstall lubrication point covers. (.08 hour)
- Open electrical control box and power supply and inspect for loose wires, heated surfaces, and contamination or insulation damage. There should be none. If found investigate and contact supervisor. (.12 hour)
- Remove filters, flush the coils, fins, rails, drain pans, drain lines, flush lines, removing all contamination and build up and inspecting for broken, loose, damaged or missing elements, fasteners or components. Any unusual build –up or damage elements that prevents operation contact supervisor if system can operate write a work order for repair.
- Replace the air filters provided in the kit. (.25 hour)
- Remove LOTO and circulate water. Inspect piping systems for any leaks or incorrectly operating valves. For small leaks, tighten fasteners and repair leaks. For large leaks, contact supervisors. (.12 hour)
- Turn on complete system and have operators inspect the system. (.12 hour)
- Clean area, gather up tools and used components and remove from the area. The area should be better than when the work started. (.12 hour)

