



# Preventive Maintenance CHECKLIST

FANUC Robot R-1000iA

## WEEKLY VISUAL CHECKS

- Check for external damage or peeling paint
- Check cables for wear/damage
- Check for water around robot
- Controller** - Check the robot cable, teach pendant cable and robot connecting cable

## MONTHLY MAINTENANCE

- Clean dust and dirt from robot
- Tighten the motor connector
- End of Arm Tool (EOAT)** – Check cables and tighten loose end effector bolts
- Check that the cooling fan is clean and operating properly
- Tighten the main bolts
- Check the mechanical stopper and adjustable mechanical stopper
- Check the operation of the cooling fan

- Check wear debris on J1-axis swing stopper
- Controller** - Clean the ventilator

## YEARLY PM SERVICE

- Proper amounts of grease added to reducers
- Backup of controller performed
- Verify safety circuits are operational
- Replace CPU battery and encoder batteries
- Inspection of robot mechanical unit and EOAT for damaged cables or components
- Controller** - Clean out controller ventilation for proper heat exchange
- Monitor/observe the robot running
- \* Contact MCRI for information about Robot Preventive Maintenance

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