



## Audit Service Plan +Plus+

The Motoman® Audit Service Plan +Plus+ is designed to augment the resources of customers with a self-maintenance strategy. The Audit Service Plan +Plus+ provides all the functionality of the Motoman Audit Service, plus torque monitoring tests and reports that recommend preventive and predictive maintenance activities to extend the life cycle of your robots.

### Robot Inspection/Condition

The robot audit and inspection is designed to determine the condition of the robots, and to review status of preventive and predictive maintenance that has been done or needs to be performed on your Motoman robot(s).

Working in cooperation with your maintenance personnel during these visits, a Motoman Robotics field service technician will conduct a review of selected robots. The factory-trained field service

technician will inspect the robot functions and external operating parts to verify proper operation, and also will check for excessive wear or other indications of impending service problems.

Additionally, while conducting Audit Service Plan +Plus+, the field service technician will observe the operation of the robots and identify actions to improve performance. The technician will set up and perform a torque monitoring procedure.

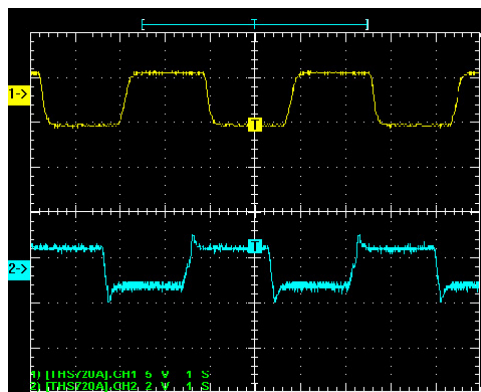
Following this robot maintenance audit visit, Motoman Robotics will provide a written report summarizing audit results. This report will include recommendations for preventive and predictive maintenance requirements, along with a printout of the torque monitoring results. An electronic copy of the torque results will be stored at Motoman Robotics and used for future comparison of robot performance.

### Plan Details

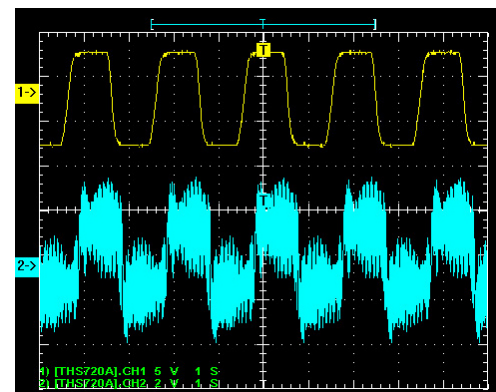
- Review and discuss all maintenance and operator logs for selected robot(s)
- Assist with compliance to preventive and predictive maintenance
- Inspect robot functions to verify proper operation
- Check for excessive wear or other indications of impending service problem(s)
- Check status of lubrication
- Check status of internal wiring harness
- Check overall robot condition
- Check repeatability
- Check vibration
- Inspect controller fans
- Perform torque monitoring tests
- Provide recommendation reports to customer

## VIBRATION AND TORQUE ANALYSES EXAMPLE

**SV3X XRC T-Axis**  
Result: Pass (very little vibration)



**SV3X XRC T-Axis**  
Result: Fail (severe vibration)



Audit Service Plans scheduled Monday - Friday, 8:00 am - 5:00 pm (excluding Motoman Robotics holidays).  
Price includes all labor and travel-related expenses, excluding air travel