



INSPECTION AND MAINTENANCE
Outdoor Power and Recreation Equipment
SECONDARY

Zero Turn Rider

Do not start this lab until told that the competition is ready to start.

If there is something that you don't understand, you may ask for clarification from a judge.

You will be inspecting this unit to ensure that there this unit would be ready for work. Follow this sheet, as well as any other documents supplied for the proper inspections, procedures, part numbers and specifications.

If you require any parts as part of this lab, you must look up the number in the parts list and request them from the judge.

*** All measurements and specifications must be in Metric***

Warning: There are multiple areas on this unit, that have sharp edges, pinch points, and high spring pressures! Be careful, and use gloves where appropriate.

Use the special tools provided where necessary

Start Here: Inspection

Following the operators manual and maintenance procedures, inspect the following items, answer all questions and fill in all tables. Ensure you have the judge verify your work at the appropriate times indicated.

****Note: This unit is equipped with an EXMARK brand engine.****

Check all items under the “Before each use or daily” and the “Every 50 and 100 hours” section of the Maintenance Schedule Chart:

Check items off the chart provided as you perform them.

Additional items to perform:

1. Check Mower blades: condition of cutting edge, bending, and proper bolt torque. Request parts (by part number) if necessary.

Results / Conclusions: Part number: _____

Blade height measurement: _____mm

2. Inspect deck belt and pulleys:

Results / Conclusions:

3. Replace deck belt: Caution.... Be careful of tensioner spring pressure!

Make note of correct routing of belt

Look up part number of belt, and request belt from Judge:

Part Number: _____

Install correctly, being sure that belt is tensioning properly, and routing is as per factory.

You are now finished the Lab. Clean your work area and return special tools.



READING



WRITING



PROBLEM SOLVING