

LAWN MOWER CHECKLIST

This checklist is to provide information on what the judges are looking for with your project. Some items on this list may not apply to your project as this is a general checklist for the class.

Note: Jobs and component replacement in the examples do not have to be performed but do need an explanation of what was done to confirm the item was in good working order and within specifications.

Fluid Check, Fill Points & Filters

- i. Where to properly check and fill all fluids. Such as fill caps, plugs, grease points, dipsticks, sight glasses, etc.
- ii. Where are the filters, what are they filtering and what kind of filter is it?
- iii. How much fluid the component takes and what type and/or weight is being used. Examples of components are: Engine, transmission, radiator, drive motors, hydraulic system, etc.,

Engine & Engine Components

- i. Was anything done to the engine? What was done and how was the job performed?
Examples are: Rebuilding, servicing, component replacement, etc.
- ii. Did you run any tests on the engine? Did you adjust anything on the engine? Examples are: Compression, fuel pressure, valve adjustment, etc.
- iii. What are some specifications you can tell us about the engine? Examples are: Brand, size, horsepower etc.

Drive System (Includes Transmission, Drive motors & Pumps)

- i. Was anything done to the drive system? What was done and how was the job performed?
Examples are: Servicing, rebuilding or replacing components, drive adjustments, etc.
- ii. What type of drive system do you have? How does that system work? Examples are: Transmission, drive motor, clutch, mechanical or electrical, belt or chain system, etc.

Electrical System

- i. Was anything done to the electrical system? What was done and how was the job performed?
- ii. What electrical components did you check and how did you check them? Were they within specifications? Examples are: Battery, alternator, safety switches, etc.

Deck System

- i. Was anything done to the deck system? What was done and how was the job performed? Examples are: Component replacement, adjustments, servicing, etc.
- ii. Can you describe the components and how they work? Did you check for wear on components? If so, what were those components?

Work Order/Job Description

- i. Do you have a work order or sales ticket describing what initially needed to be done to the machine or what the machine was brought into check? Did you find anything else wrong with the machine during your check over? What is the plan for this machine once repairs are completed?