

# 2023 Motor Grader Course

## General Rules:

- Tire Interference with the moldboard will disqualify participants from the Rodeo course.
- Operators must be familiar with motor grader controls when entering unit.
- No positioning of the motor grader at the start line

## Obstacle #1 – Alley Dock

The objective of this obstacle is to test the operator's ability to back the grader into a confined space. The operator must back into the space without hitting the sides and must stop as close to the back of the barricade as possible without hitting it. Operator must sound the horn when stopped so judges know they can approach back of barricade to measure distance from rear hitch to barricade. If operator forgets to sound the horn, no score will be given. Total best points possible completing the task is **150** points.

## Obstacle #2 – Side Shift Slalom

The objective of this obstacle is that the operator must successfully navigate through the cone slalom side shifting and breaking the plane of each cone. The blade must pass through the outer most plane of the cone then side shift back and break the inner most plane of the inside cone. Maneuvering thru the Slalom you must not hit any cones. A cone hit takes away points and if you hit 3 or more cones **0** points will be scored. Total best points possible completing the task is **200** points.

## Obstacle #3 – Tip Test

The objective of this obstacle is that the operator must tip the blade up to hit the cowbell. There are three distance cones that prevent the grader to position to close to the cowbell stand. **0** points will awarded should the operator touch a distance cone or misses the cowbell. Total best points possible completing the task is **200** points.

## Obstacle #4 – Cul-De-Sac

The objective of this obstacle is that the operator uses all steering functions to strike the candlesticks in a left hand turn. Total best points possible completing task is **200** points.

### **Obstacle #5 - Ditching**

The objective is to knock balls off the bases while leaving the bricks on either side of the ball and base still standing. The operator lowers the blade into ditching position to hit balls off the stands. Total best points possible completing task is **150** points.

### **Obstacle #6 – Mail Box Avoidance**

The objective of this obstacle is to test the operator's ability to control the blade while navigating an obstacle. The operator will be required to strike only the red grade block without hitting any block below the red target block. Blocks knocked off below the red block will not receive a score. Striking the mailbox will result in **0** points earned for this obstacle. Total best points possible completing task is **250** points.

### **Obstacle #7 – Ball in Chute**

The objective is to pick up the bowling ball with the tow of the moldboard, carry the ball a short distance, and place it into the chute with the heel on the opposite side of the motor grader. Total best points possible completing task is **50** points.