PRECISION HEAVY EQUIPMENT OPERATIONS

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PURPOSE

To evaluate each contestant’s preparation for employment and to recognize

excellence and professionalism in the field of precision heavy equipment operation.

CLOTHING REQUIREMENT

High visibility safety vest, work pants, safety glasses ANSI- Z87 or better with side shields or

Goggles,steel toed work shoes, hair must be contained. (Prescription glasses can

Beused only if they are equipped with side shields.

Hardhat ANSI Z89.1 TYPE 1 or better is required and outdoor clothing suitable for any outdoor weather condition.

STUDENTS MUST UNDERSTAND THAT THIS CONTEST IS OUTSIDE 100% OF THE TIME. APPROPRIATE OUTDOOR CLOTHING IS MANDITORY.

Eligibility:

Open to active SkillsUSA members enrolledin vocational programs on the secondary level,

with heavy equipment operation as the occupational objective.

Scope of the Contest:

The contest will be based on and consistent with the OSHA rules and regulations for heavy equipment operators. Competencies to be tested are determined

by the SkillsUSA NY technical committee.

Skills Performance

The contest will include a hands-on skill competition. Each contestant in the

SkillsUSA NY competition is expected to demonstrate competency in operating heavy

Equipment operation skills Contest Guidelines

1. Contestants shall be given job sheets explaining the tasks to be performed.

2. Contestants will demonstrate their ability to perform a safety and maintenance

inspection before operating the equipment.

3. Contestants will be judged on their abilityto properly operate and maneuver heavy

equipment through the tasks provided on the job sheets in the specified time.

4. The contest equipment will be chosen from the following list:

Typical Equipment: John Deere, Case, Ford, and Cat and other various manufacturers of Heavy Equipment.

a. Dump truck

b. Backhoe

c. Bulldozer

d. Rubber tire articulated loader

e. Fork lift

f. Hydraulic Excavator

g. Skid Steer

h. Tractor

J. Implement Trailer

And any other equipment that would be used in Heavy Equipment Operation.

5. The tasks will be representative of general excavating jobs such as:

a. Loading and handling materials

b. Moving and grading

c. Relocating supplies

d. Loading and unloading equipment from a trailer and binding equipment to a trailer

e. Trenching and backfilling.

f. All safety rules must be observed or contestant will be disqualified.

Precision Heavy Equipment Scoring Examples:

Truck Ops

Dozer Ops

Backhoe Operation

Skid Steer Operation

Binding equipment to trailer

Excavator operations

Preventative maintained check

Safety