



**BARBADOS
VOCATIONAL
TRAINING
BOARD**

**SKILLS TRAINING PROGRAMME
in**



**HEAVY EQUIPMENT OPERATIONS
AND
MAINTENANCE
(Backhoe, Skid Steer loader,
& Farm Tractor)**

BARBADOS VOCATIONAL TRAINING BOARD
"Lawrence Green House"
Culloden Road
St. Michael
436-7970

**HEAVY EQUIPMENT OPERATIONS AND
PREVENTATIVE MAINTENANCE
(BACKHOE, SKID STEER AND FARM TRACTOR)**

The programme is of six (6) months duration.

On completion of training, the trainee will be able to:

1. Drive heavy equipment (backhoe, skid steer, and farm tractor) to satisfy the requirements of the Barbados Licensing Authority and the manufacturers' specifications.
2. Operate heavy equipment (backhoe, skid steer, and farm tractor) to prepare work sites for construction purposes and to cultivate farmland to the requirements of the construction and agricultural industry respectively, and the manufacturers'.
3. Perform preventative maintenance to heavy equipment (backhoe, skid steer, and farm tractor) and implements used in construction to prepare work sites for construction purposes and for cultivating lands.

Persons admitted to the programme will receive training consisting of practical skills in:

1. Driving and operating the backhoe, skid steer and fixed farm tractor.
2. Performing preventative maintenance of cooling, fuel in take exhaust, steering, engine lubrication, electrical and hydraulic system and implements of the tractor, skid steer and backhoe.
3. Driving the backhoe, skid steer, and wheel farm tractor

On completion of training, trainees are expected to drive the tractor to satisfy the requirements of the Barbados Licensing Authority and demonstrate competence in (a) performing the appropriate preventative maintenance on a farm tractor; (b) cultivate a portion of land not less than quarter (1/4) acre in size for planting a variety of vegetables and food crops to the specifications required; (c) excavate a building site; (d) load truck and level grade an area using backhoe and skid steer.

**OCCUPATIONAL/SKILL PROFILE—BACKHOE, SKID
STEER & FARM (WHEEL) TRACTOR**

UNIT 1	Perform Equipment Checks
UNIT 2	Perform Preventative Maintenance
UNIT 3	Start Up/Drive/Shut Down Equipment
UNIT 4	Site Plans and Site Evaluation
UNIT 5	Operate Backhoe
UNIT 6	Operate Skid Steer
UNIT 7	Operate Farm (Wheel) Tractor