

Abstract

Two wheel tractor is one of the farm machinery used under farm mechanization. Jinasena Engine and tractors Pvt Ltd is a major leading institute engaged in producing the two wheel tractor in Sri Lanka.

As a student specialized ~~the Diploma~~ in Field Engineering, I have involved there mainly in repairing & maintenance of two wheel tractors. In that process in my training was focussed to dismantelling of engines & power transmission pathway making out of the defects, assembly of engine parts and to design new modifications for a Two Wheel Tractor.

Except the imported Engine & gear box, all other spare parts are produced within the factory itself. Therefore any training was trend towards the workshop practices such as ;

- * Welding (Arc W., Gas W., Spot W.,);
- * Lathe Machine (N.C. , CNC Lathe);
- * Milling Machine;
- * Drilling Machine;
- * Hydrolic pressure;
- * Shear Machine;
- * Bending Machine;

Finally my training was completed by the testing of farm implements of JET at Dabulla Jinasena Farm.