

ABSTRACT

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HYD D-68 Tank Manufacturing Process at PT. Prima Mulia Engineering

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(xii + 33 + Attachment)

Tank hyd d-68 as a place to store oil in the hydraulic system for a heavy equipment, with various sophisticated stages. Producing a hyd d-68 tank product can be done if you know what processes are in making a hyd d-68 tank product, starting from the raw materials used in the manufacturing process, to the finished product. Hyd d-68 tank which is usually used on bulldozers to store hydraulic oil in the bulldozer. Bulldozer is a type of heavy construction equipment type tractor. Bulldozers are commonly used for digging, lifting and pulling material. In general, dump trucks are equipped with a knife or commonly called a blade using a hydraulic system, the front of the blade can be lifted or pushed so that the material being transported or pushed can be moved to the desired place. PT. Prima Mulia Engineering is a supplier company that manufactures components for heavy equipment in Indonesia whose products have been used by several well-known heavy equipment industries in Indonesia, one of which is a HYD d-68 tank. In the manufacture of the HYD D-68 Tank includes the cutting, bending, welding, Parkerizing, pressure test, cleaning and painting processes. The SS400/JIS G3101 material is the raw material for the HYD D-68 Tank manufacturing process. Welding with the GMAW (Gas Metal Arch Welding) method uses welded metal melt and metal enhancers so that the welding results are strong. Pressure Test uses air pressure of 0.8 kg/cm² within 10 minutes.

References (1999 – 2016)