

# **OPTIMALISASI *NET PROFIT* MODEL *ECONOMIC PRODUCTION QUANTITY* PADA PRODUK *PERISHABLE* DENGAN *PARTIAL BACKLOGGING***

## **ABSTRACT**

On th prosperity that inventory unsure can give high level what is required a market. A company can go through to be short of inventory cause quantity of product who producted can be broke or perishable, so it cant be give required and will be at the next day. The name of this condition is partial backlogging. One in another can be use for that problem is economic production quantity model on perishable product with partial backlogging. Broke level of perishable product use two parameters weibull distribution. On this model, we can get a prediction about the end of inventory before, because it can be give so many required. This model purpose is calculate of time when inventory gone and get maximum profit from perishable product with partial backlogging level.

**Key words :** *partial backlogging, Weibull, net profit*