ABSTRACT

In generaly the aimed of the research is to analyze the influenced of production factors into industrial fishes smoked in 2004 years in Semarang. The production factors that was examined included fresh fishes, stoves, coconut shells and labours. The total respondence in this research were go persons and were carried out censusly from all fishes smoked industries. The production function was made an instrument of the analysis data in this research.

The estimate result shows that the production factors those influence fishes smoked industries in Semarang were fresh fishes and coconut shells that statistically significant at alpha 5%, and labours at alpha 10%. So the product of fishes smoked industries are depended on genuine material fresh fishes, the material to fire coconut shells and labours to process the smoked. While other factor, eiter stoves did not influence to fishes smoked industries.

As the stoves in this research have not had influence on the production fishes smoked industries, so it need furthur examined to the efficiency of using that factor. The result of the analysis input efficiency used was showed that fresh fishes not efficient yet, while coconut shells and labours were not eficient anymore.

For knowing the return to scale of fishes smoked industries that be increasing, constant or decreasing it used elasticity of b_1, b_2, b_3 and b_4. In this research shows that return to scale is increasing because $(0,991 + 0,004 + 0,002 + 0,017) > 1$.

Key-words : influence, production factor, production function, product, smoked fishes.