

5 CONCLUSIONS

There are several point to be conclude as the result of this study. Those point describes in the following section.

1. The highest exergy efficiency of Deodorization unit is in spiral heat exchanger B with efficiency around 98.95%. The lowest exergy efficiency of Deodorization unit is Deodorized equipment with efficiency is about 51.49%.
2. Deodorized equipment serves as the most inefficient equipment on the entire Deodorization unit with 1081.24 kW losses or 84.70% of the entire process.

Furthermore, it is advice to complete the data with more variable and compare it to different years to see the trend of exergy going on in the Deodorization unit. Combining Exergy analysis with energy and thermoeconomic analysis will gives more comprehensive and detail to the condition of Deodorization unit and cost of production

