5 CONCLUSIONS

There are several points to be concluded as the result of this study. Those points describe 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 advised to complete the data with more variables 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 give a more comprehensive and detailed view of the condition of the Deodorization unit and the cost of production.