

CHAPTER IX

CONCLUSION AND RECOMMENDATION

IX.1. Conclusion

Based on the description in the previous chapters, here is the conclusion for this internship report.

1. PT. Solvay Manyar is part of Solvay Group, engaged in surfactant production;
2. PT. Solvay Manyar has two surfactant plants, produced intermediate products such as LABSA/BABSA, SLS/ALS, and SLES/ALES, with a total production of approximately 42,500 tonnes each year;
3. The raw material used in the production is alkyl benzene, fatty alcohol, and ethoxylated alcohol.
4. The process for producing LABSA/BABSA is called sulphonation, whereas the SLS/ALS and SLES/ALES are called Sulphation;
5. The production processes are required to carefully maintain parameters such as pH, mole ratios, water content, and concentration of SO_3 ;
6. Organizational structure at PT. Solvay Manyar follows the level and division of power based on their respective functions

IX.2. Recommendation

Based on explanations and observations, The following are some suggestions for PT Solvay Manyar:

1. The use of automatic AV (acid value) gauges, where manual measurements (using titration methods) may cause some errors when testing.
2. Maximizing the use of sports fields, which lately have been very rarely used. In addition to health purposes, it can be used for business purposes and refreshing workers.

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