SUMMARY

The need to ensure an efficient and reliable lift service which provides a means of vertical transportation in high-rise buildings has been well-recognised. This applies to all types of high-rise buildings including multi-storey or flatted factories.

To achieve this goal, the frequency of lift breakdowns must be minimised. It is therefore imperative that the various common causes of lift breakdowns should be identified and investigated, and solutions be found to prevent reoccurrences.

The study attempts to ascertain some of the causes and solutions of lift breakdowns of goods lifts in multi-storey factories, and to highlight some useful feedback on problems of lift maintenance of both goods and passenger lifts, as well as to suggest measures to overcome such problems.

The study focusses on lifts in multi-storey factories owned by Jurong Town Corporation (JTC) which is the largest single owner of such factories in Singapore. Analyses of data are done with the help of the computer.