

ABSTRACT

A preventive maintenance programme for
The Jamaica Railway Corporation

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This report examines the background of the present form of breakdown maintenance being practised at the Jamaica Railway Corporation locomotive department.

Details are given of the failure rates on the MLW locomotive with associated costs. It is shown that if a preventive maintenance policy were to be followed by the Railway, then the failure rates of components on its MLW locomotives would be reduced.

The failure rates under a preventive maintenance policy are calculated and compared with those under the present policy.

The savings possible are estimated to be of the order of J\$3.2 million per annum.

The minimum quantities of vital spare parts needed per year to ensure that the programme can be successfully carried out are estimated with associated costs.