

THE EXPERIMENTAL TUBULAR AXLE INDUCTION MOTOR

This report reviews the work done on the tubular axle induction motor and its power conditioning equipment from 1974 to mid 1977. It was produced at the request of the Railway Engineer for publication in their December 1977 issue.

In order to examine the feasibility of the tubular axle motor configuration, the design of an experimental motor was initiated in 1975. Manufacture began towards the end of that year, and the first motor was completed in September 1970.