

THE BEHAVIOUR OF A THREE-AXLE LOCOMOTIVE BOGIE ON SHARP CURVES - A COMPARISON OF THEORY AND EXPERIMENT

This report examines the curving behaviour of three-axle bogies on small-radius curves. It compares the results obtained from a series of tests with a Class 56 locomotive on curves of 300m radius down to 75m radius with results calculated from steady-state curving theory. Experimental and calculated results are found to agree well.