

SUMMARY OF 5 YEARS TESTING OF COATING MATERIALS FOR GLASS FIBRE INSULATORS

After 5 years of operation of the accelerated outdoor insulator test rig (rain simulator), testing coating materials for glass fibre insulators, 139 samples of 40 different materials have been exposed. The report summarises the performance of all the materials on the rig. The results of other tests are also included where these aid the classification of materials.

The results are discussed to show the best materials for the next generation of fibre-glass insulators and where further development in glass-fibre insulator design should be undertaken.