

Application of Modern Grouting Technology to Remedial Works on Dams

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SYNOPSIS Grouting to form cut-offs and to seal leakages has been used for many decades. In the past the process of grout injections were difficult to control and did not always produce the desired results.

This paper seeks to give a historical background to the grouting process and identify the need for change. The paper outlines the GIN process and goes on to illustrate the rapid changes in the grouting process based on computer packages.

To conclude the paper illustrates the work recently carried out in Wimbleball Dam in the South West of England.