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REPORT SSG 6905E

Retaining dikes for cisterns

Introduction

This edition differs from the previous one in that Sections 3.1, Low bunding and 3.2, High bunding have been supplemented with text outlining tightness requirements.

This report provides instructions for the building of retaining dikes for managing leakage from cisterns.

In the pulp and paper industry, there is a need for a great number of retaining dikes of various design, and for many different reasons.

The demands put on these retaining dikes have increased over recent years. This is due to the demands from various authorities as well as an increasing internal demand from within the industry.

Many retaining dikes are built around plant sections subsequent to them coming into operation. Laws and ordinances are in many cases difficult to interpret, and the manufacturers' environmental managers are having to decide on the scope, size (volume) and, where necessary, drainage connections for the dikes.

Most retaining dikes are built purely of practical reasons including;

- easier cleaning in a particular plant,
- management of substances for recirculation or pumping,
- keeping traffic and other activities away from the proximity of the cisterns,
- preventing certain substances from entering the company's drainage network.

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