

# Contribution of a studying methodology for the control of the reliability of classical dissipation pool.

## Authors

Yahia Mouloudi, Ahmed Kettab

## Publication date

2011

## Journal

Journal of Food, Agriculture & Environment

## Volume

9

## Issue

3/4 part 2

## Pages

766-768

## Publisher

World Food Ltd

## Description

The reliability of exploitation of a classical dissipation pool is dealing more with the knowledge of the admissible maximum flow going through the crest of the dam spillway than with the dimensions. The admissible maximum flow must be such as undermining doesn't occur downstream the pool of energy dissipation, to this effect the dam will be sized of such sort to provoke a stationary jump that will occupy the totality of the dissipation pool. The present contribution deals with the elaboration of a simple, prompt and quick method (mission of the controller) allowing well to determine the admissible maximum flow and to monitor the dimensions of the dissipation pool.