

(PREVIEW)

IS 12967 (Part 1) : 1990

Indian Standard

**ANALYSIS OF HYDRAULIC TRANSIENTS
IN HYDRO – ELECTRIC AND PUMPING
PLANTS – CODE OF PRACTICE**

PART 1 CRITERIA FOR ANALYSIS

1 SCOPE

1.1 This code deals with the hydraulic transient in closed conduits of a Hydro-Electric Plant and discharge line of pumping plant.

FOREWORD

This Indian Standard was adopted by the Bureau of Indian Standards on 20 March 1990, after the draft finalized by the Water Conductor Systems Sectional Committee had been approved by the River Valley Projects Division Council.

The hydraulic transients are caused due to unsteady discharges resulting from operation of hydroelectric and pumping plants. The hydraulic transients may be caused both during normal or emergency conditions of operation. There are various devices to reduce or eliminate undesirable transients and it shall be selected after careful study of different alternatives.