



**International
Standard**

ISO 22040-3

**Life cycle management of concrete
structures —**

**Part 3:
Execution stage**

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Foreword

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This document was prepared by Technical Committee ISO/TC 71, *Concrete, reinforced concrete and pre-stressed concrete*.

A list of all parts in the ISO 22040 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

ISO 22040 covers the stages of structural planning, design, execution, use and end-of-life of structures. In life cycle management (LCM), the natural environment, variable actions, and importance of the structure should be appropriately considered throughout the period of use of the structure.

This document provides LCM at the execution stage for all kinds of concrete structures or their components. Execution involves many uncertain factors, with a great deal of information being recorded until completion. Information obtained during the execution stage is appropriately confirmed and fed back to subsequent execution processes. This is essential also from the aspect of PDCA (plan-do-check-act) at the execution stage. Utilization of such information for maintenance of structures and design and execution of similar structures is also important. Such information is also expected to be utilized for reuse or recycle of component members and materials at the demolition stage of structures, contributing to mitigation of environmental burdens.

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