QUALITY MANAGEMENT STANDARD FOR CIVIL WORKS

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Introduction

‘QUALITY MUST BE PRODUCED. IT CAN NEVER BE ACHIEVED BY VERIFICATION AND CHECKING ONLY’.

The evolution and growing complexity of techniques and technologies, together with the internationalization of contracts, have led to the use of technicians, materials and equipment from different origins. This and the increasing size of projects, have highlighted the necessity for a specific quality management system that is compatible with the needs of all the parties involved: owners, architects, engineers, contractors, suppliers and independent inspection agencies.

In view of this objective

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have combined their efforts to develop a Quality Management Standard that can be applied to all kinds of civil works.

To facilitate implementation, the requirements have been established specifically for the following types of activity:

- Design
- Manufacturing
- Construction

This standard has also been structured in such a way as to provide compatibility with the following quality assurance standards and codes of practice:

- IAEA Code of Practice 50-C-QA
- Canadian Standard CSA Z299
- American Standard ANSI N45.2
- British Standard BS 5750

The authors are indebted to the Canadian Standards Association for permission to use CSA Z299 as a springboard for the ideas contained in this Standard.