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Preface

The last edition of the *Foseco Foundryman’s Handbook* was published in 1994 and like all the earlier editions, it aimed to provide a practical reference book for all those involved in making castings in any of the commonly used alloys by any of the usual moulding methods. In order to keep the *Handbook* to a reasonable size, it was not possible to deal with all the common casting alloys in detail. Since 1994 the technology of casting has continued to develop and has become more specialised so that it has been decided to publish the new edition of the *Handbook* in two volumes:

- **Ferrous** dealing with grey, ductile and special purpose cast irons together with carbon, low alloy and high alloy steels
- **Non-ferrous** dealing with aluminium, copper and magnesium casting alloys

Certain chapters (with slight modifications) are common to both volumes: these chapters include tables and general data, sands and sand bonding systems, resin bonded sand, sodium silicate bonded sand and feeding systems. The remaining chapters have been written specifically for each volume.

The *Handbook* refers to many Foseco products. Not all of the products are available in every country and in a few cases, product names may vary. Users should always contact their local Foseco company to check whether a particular product or its equivalent is available.

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John R. Brown