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South African guide to the systematic evaluation of coal resources and coal reserves

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Table of changes

Change No.	Date	Scope

Abstract

Provides a detailed framework for reporting on coal resources and coal reserves for the purposes of the Securities Exchange and the National Coal Inventory.

Keywords

coal, coal inventory, coal mining, coal products, coal reserves, coal resources, documentation, mineral resources, minerals, reports, specifications.

Acknowledgement

Standards South Africa wishes to acknowledge the permission granted by the Department of Minerals and Energy to reproduce the National Coal Inventory data capture forms given in annex A.

Foreword

This South African standard was approved by National Committee StanSA SC 5140.20C, *South African committee for solid mineral fuels – Coal classification*, in accordance with procedures of Standards South Africa, in compliance with annex 3 of the WTO/TBT agreement.

A reference is made in 3.1 to “national regulations and statutory requirements” on reporting of coal resources and reserves. In South Africa this means the listings requirements of the Johannesburg Securities Exchange of South Africa and the following Acts (as amended from time to time):

- a) the Atmospheric Pollution Prevention Act, 1965 (Act No. 45 of 1965);
- b) the Conservation of Agricultural Resources Act, 1983 (Act No. 43 of 1983);
- c) the Environmental Conservation Act, 1989 (Act No. 73 of 1989);
- d) the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002); and
- e) the National Water Act, 1998 (Act No. 36 of 1998).

This standard should be read in conjunction with the *SAMREC Code*.

Annex A forms an integral part of this standard. Annexes B, C, D, E, F, G and H are for information only.

Introduction

General concepts for reporting coal resources and coal reserves were established with the publication of the South African Code for Reporting of Mineral Resources and Mineral Reserves (The *SAMREC Code*), prepared by the South African Mineral Resource Committee under the auspices of the South African Institute of Mining and Metallurgy. The *SAMREC Code* provides the framework and standards for public reporting for the Johannesburg Securities Exchange and contains a clause “commodity specific reporting for coal”. The *SAMREC Code* has been adopted by the South African Institute of Mining and Metallurgy (SAIMM) and SAMREC member organizations and is incorporated in the Johannesburg Securities Exchange listing requirements and continuing reporting obligations.

It was, however, apparent that additional guidelines and parameters were necessary to standardize the reporting of coal resources and coal reserves for both Securities Exchange requirements and for the South African National Coal Resource and Coal Reserve Inventory (also called the “National Coal Inventory”).

The standard was prepared in conjunction with the *SAMREC Code* by the SAMREC Coal Commodity Specific Subcommittee. This standard is the coal commodity’s specific equivalent to the check list in appendix 1 of the *SAMREC Code*, the “Check list of assessment and reporting criteria”.

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