SOUTH AFRICAN NATIONAL STANDARD

Overhead power lines for conditions prevailing in South Africa

Part 1: Safety

This national standard is the identical implementation of NRS 041-1:2013 and is adopted in terms of a Memorandum of Agreement between the Electricity Suppliers Liaison Committee and the SABS Standards Division.
SANS 10280-1:2013
Edition 2
NRS 041-1:2013
Edition 2

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Foreword

This South African standard was prepared by a working group of the Electricity Suppliers Liaison Committee and adopted by National Committee SC 67E, *Electricity distribution systems and components – Electricity distribution*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

The adoption has been done in terms of a Memorandum of Agreement between the Electricity Suppliers Liaison Committee and the SABS Standards Division.

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Overhead power lines for conditions prevailing in South Africa

Part 1: Safety
This specification is issued by
the Standardization Section, Eskom,
on behalf of the
User Group given in the foreword.

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Foreword

This part of NRS 041 was prepared by a working group which, at the time of publication, comprised the following members:

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This edition supersedes NRS 041-1:2008 (edition 1).

NRS 041 consists of the following parts, under the general title Overhead power lines for conditions prevailing in South Africa:

Part 1: Safety.

Part 2: General design considerations.

NOTE NRS 041-2 covers non-legislated, general, overhead line design considerations.

Reference is made in the definition of "templat ing temperature, design temperature" to "legal requirements". In South Africa this means the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993).

Reference is made in 4.3.5.3.2, 4.4.6.3.2, 10.1.2 and 10.1.5 to the "EMR". In South Africa, this means the Electrical Machinery Regulations of the Occupational Health and Safety Act.

Reference is made in clause 5 (the heading) to the "aviation authority". In South Africa, this is the Commissioner for Civil Aviation of the South African Civil Aviation Authority.

Reference is made in clause 5 to the "Civil Aviation Regulations". In South Africa this means the Civil Aviation Regulations of the Aviation Act, 1962 (Act No. 74 of 1962).

Reference is made in clause 6 (the heading), and in 6.2, 6.3 and 6.4 to the "relevant authority". In South Africa, this is the General Manager of the Division for Maritime Regulation of the Department of Transport.

Reference is made in 9.2.1 to the "machinery authority". In South Africa this means the Chief Inspector of Machinery in accordance with the Machinery Regulations of the Occupational Health and Safety Act.