

COUNCIL ENDORSES THE CODES OF PRACTICE FOR ELECTRICAL, MECHANICAL, AND INDUSTRIAL ENGINEERING WORK

As the Engineering Council of South Africa works to enforce the Identification of Engineering Work (IDoEW) rules, which aim to protect the engineering profession by protecting both the public and registered persons. The Research Policy and Standards Committee, one of Council's eight (8) High Impact Committees, has approved **the Codes of Practice for Electrical, Mechanical, and Industrial Engineering Work**.

The Engineering Council of South Africa (ECSA) consulted with the Council of the Built Environment (CBE), Voluntary Associations, and registered persons before approval process.

Section 27 of the Engineering Profession Act, 2000 (Act No. 46 of 2000) empowers the Council to develop codes of practise in addition to codes of conduct, and requires all registered persons to comply with such codes.

The approved Codes' purpose is to ensure that any person performing Electrical, Mechanical, and Industrial Engineering Work meets the prescribed requirements when practising and executing work within these specific disciplines and the Act's jurisdiction. These Codes sets appropriate levels of competence, regulating the performance of Electrical, Mechanical, and Industrial Engineering Work, and specify technical standards and best practises.

These Codes also apply to engineering practitioners performing Specified Category Electrical, Mechanical, and Industrial Engineering Work.

Furthermore, the Codes are a statement of good practise for Registered Persons performing Electrical, Mechanical, and Industrial Engineering Work, and they apply to the disciplines highlighted in these professions.

The discipline-specific codes of practise are derived from the **Overarching Code of Practice for the Performance of Engineering Work** which was developed and published in the Government Gazette on March 26, 2021, and should be read in conjunction with the Overall Code of Practice, which is not intended to duplicate its requirements, as well as the gazetted Identification of Engineering Work.

The Overarching Code of Practice for the Performance of Engineering Work applies to all engineering disciplines and establishes appropriate levels of competence while also regulating engineering work execution and specifying technical standards of acceptable practise. The codes of practise will ensure, among other things, that:

- Practitioners apply their specialised knowledge within their competence and skill in accordance with all relevant legislation specialised knowledge within their competence and skill in accordance with all relevant legislation;
- Engineering work or practice undertaken by an unregistered person is supervised, controlled, and authorised by a registered person within the respective appropriate category and discipline of practice;
- Engineering work is performed in accordance with generally accepted norms and standards of the engineering profession;

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- Practitioners apply innovation in a responsible and appropriate manner within their category and discipline of competence;
- Registered persons apply their specialised knowledge and skill within their respective discipline and category of registration to ensure that engineering practice is appropriate, applicable, acceptable, affordable, and sustainable; and
- Registered persons encourage innovation within the engineering profession.

The three Codes of Practice as well as the Overarching Codes of Practice are available on the ECSA website.