

The South African Institute of Refrigeration and Air Conditioning®
SAIRAC Johannesburg Centre – TECHNICAL TALK

Continuous Professional Development (CPD)

Robert Fox



June 2026

Technical Talk: Continuous Professional Development (CPD)

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Technical Talk: Continuous Professional Development (CPD)

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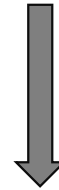
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Who/What is SAIRAC



1951, 28th February

- 👁️ a vision without task is the dream
- 👁️ a task without the vision is drudgery
- 👁️ a vision with a task is the hope the world



To form an institute of refrigeration and
share knowledge

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Who/What is SAIRAC



1951, 17th July

- The Hotel Bordeaux, Cape Town
- The South African Institute of Refrigeration (SAIR) was inaugurated
- 41 members.

Dr G.M. Dreosti (President)

C.E.B. Cooper

E.G Reynolds (Vice President)

A.B. Cumbers

R. Bowie (Vice-President)

T.A. Miller

H. Challis (Secretary)

K.A. Odette

L. Campbell (Treasurer)

J.H.B Steenkamp

S.J.v.n. Cillie

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Who/What is SAIRAC

The objectives and activities of the Institute shall be:

- To advance and protect the arts and sciences of refrigeration, air conditioning and the allied arts and sciences.
- To encourage scientific research and the study of principles and methods in the fields of refrigeration, air conditioning and the allied arts and sciences.
- To promote the unrestricted dissemination of knowledge and information amongst members by the holding of meetings, the publication of papers and other appropriate means
- To assist in education activities (not including the conduct of any school or institution of learning) and to encourage the adoption and maintenance of high standards of the instruction and technical and professional training in the fields of refrigeration, air conditioning, and the allied arts and sciences.

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Who/What is SAIRAC

- To co-operate with Governmental agencies, universities, colleges, schools and other organizations/groups having the similar objectives and purposes
- To procure and maintain the recognition of the professional status of air conditioning and refrigeration engineers.
- To assist in the formation of regional centres and to regulate, operate and control these under the direction and at the pleasure of the Institute.
- To do all things necessary or proper in connection with, or incidental to, any of the foregoing.
- a) Substantially the whole of the activities of the Institute will be directed to the furtherance of its sole or principal object and not for the specific benefit of an individual member or minority group.

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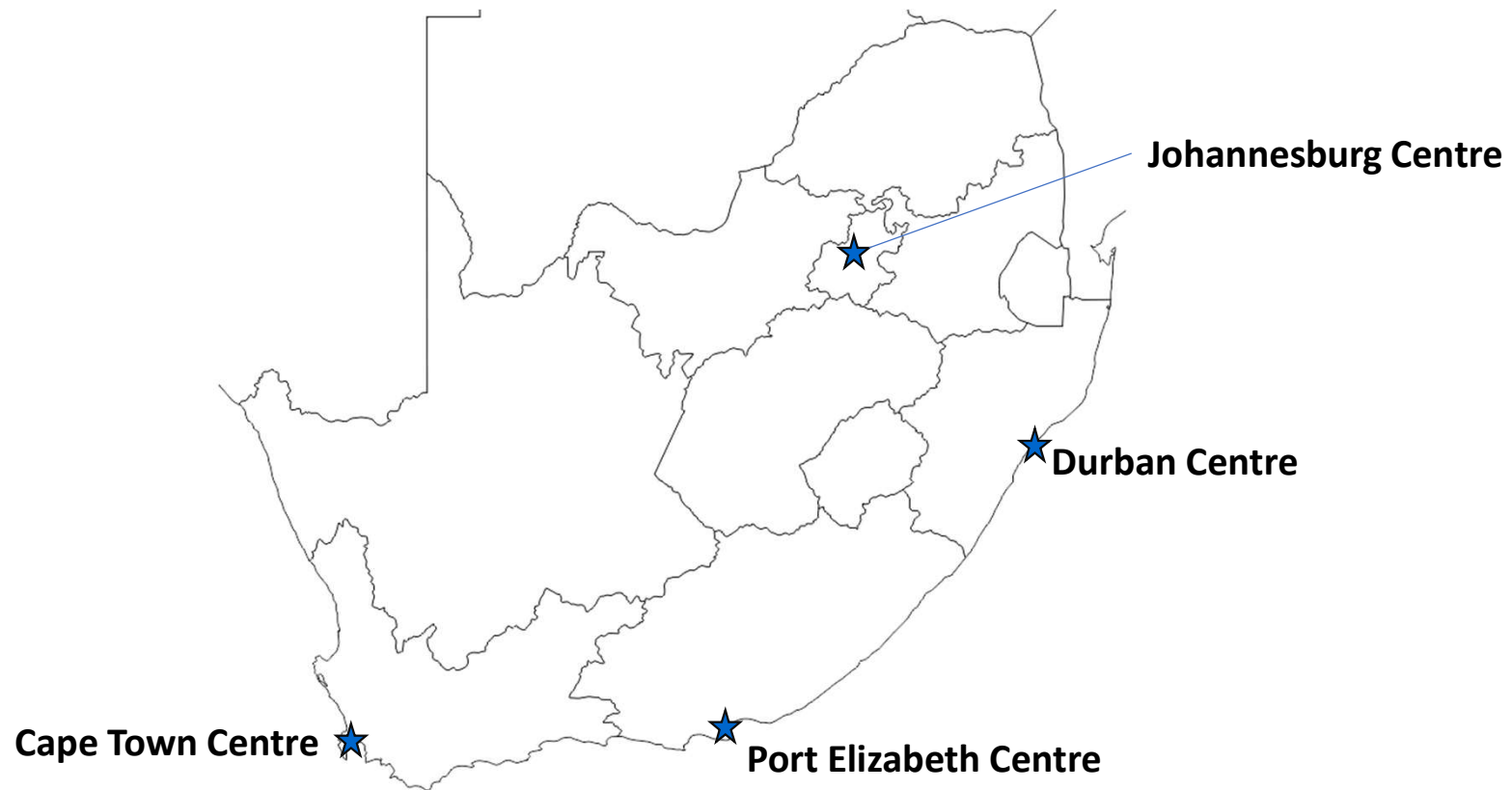
Who/What is SAIRAC

- 1961, March Port Elizabeth Centre of SAIR was started
- 1961, July Cape Town Centre of SAIR was formed
- 1962, March SAIR broadened its focus
↳ South African Institute of Refrigeration and Air Conditioning was born
- 1963, July 25th The Transvaal Centre, now known as Johannesburg Centre
- 1967 The Natal Centre, now known as Durban Centre



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Who/What is SAIRAC



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Who/What is SAIRAC

How do we advance and protect the arts and sciences of refrigeration, air conditioning and the allied arts and sciences

FRIGAIR EXHIBITION AND FRIGAIR CONFERENCETM

Frigair ExhibitionTM

Frigair ConferenceTM

Dreosti Memorial LectureTM

SAIRAC Technical Data CD



Centre Technical Talks

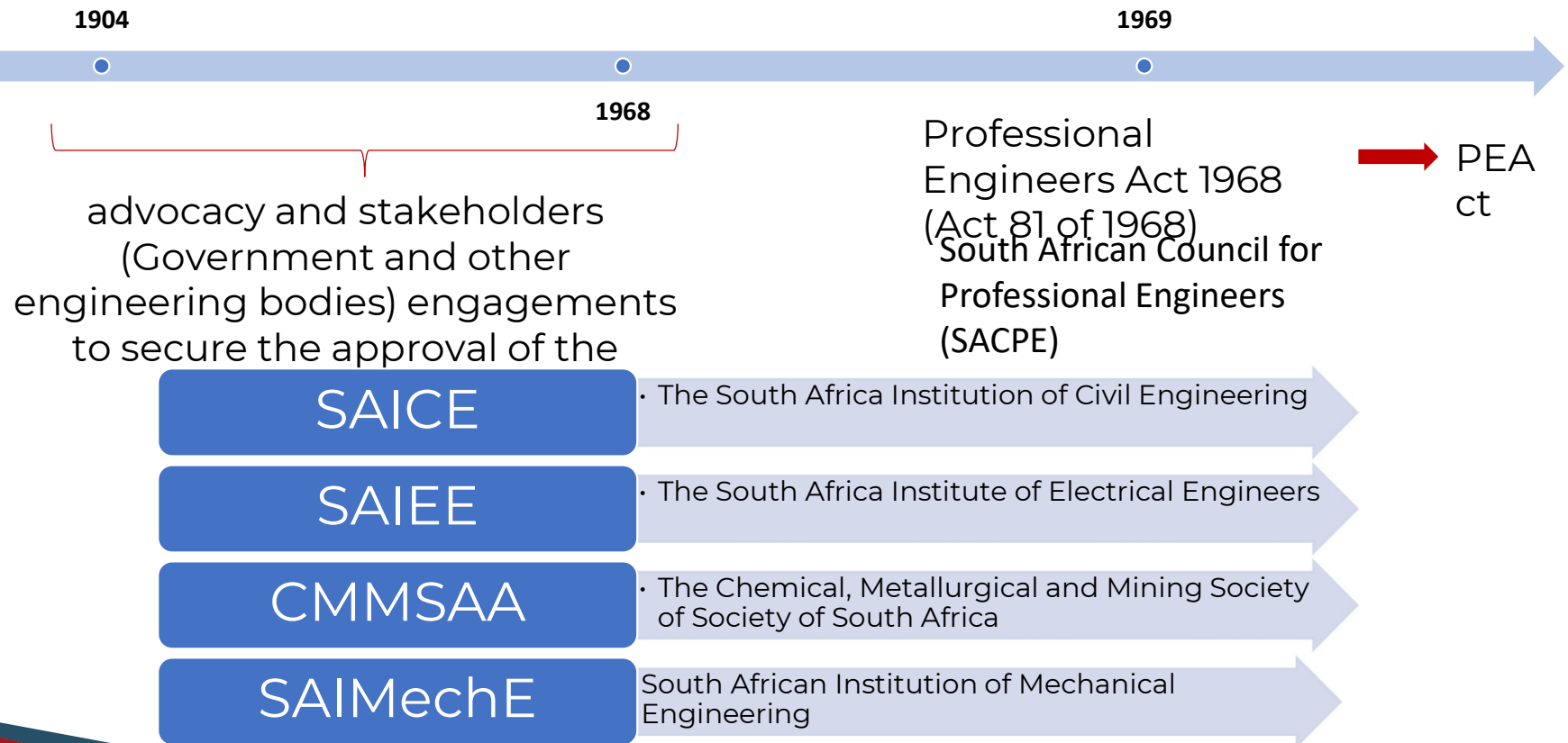
Enrichment Courses

RAC Journal

Reduced Membership Cost with ECSA

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Who/What is ECSA



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Who/What is ECSA

The PEAct provided for the registration of graduate engineers as engineers-in training and professional engineers in the following nine disciplines



Aeronautical



Agricultural



Chemical



Civil



Electrical



Industrial



Mechanical



Metallurgical



Mining



Registered Professional Engineers were entitled to write Pr Eng or Pr Ing behind their names.

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Who/What is ECSA

1979

1991

1983

1969

Amended Act of
1979.

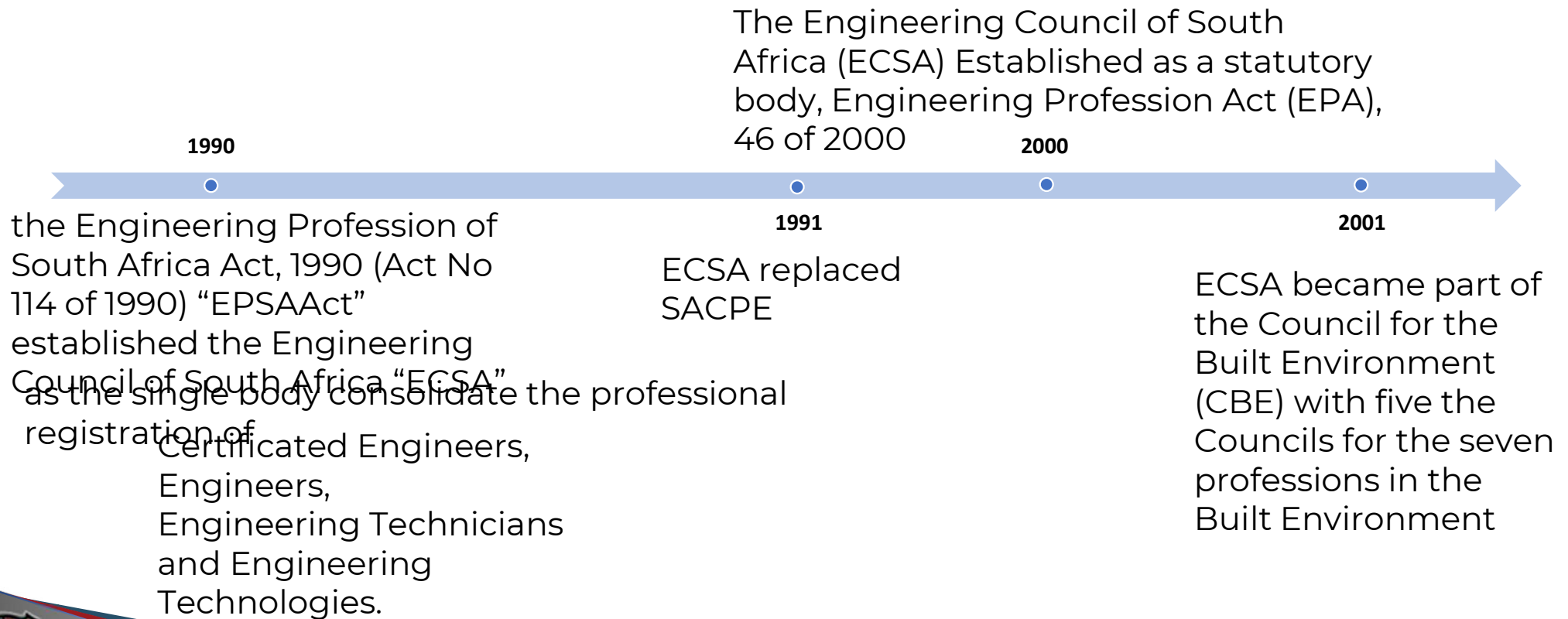
Allowed for
the
Establishment
and
provided

The Boards of Control for
Engineering Technicians,
Professional Technologists
and Certificated Engineers
And continued to register
other engineering categories
other than professional
engineers

The SACPE and
three Boards of Control
operated autonomously
until April 1991.

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Who/What is ECSA

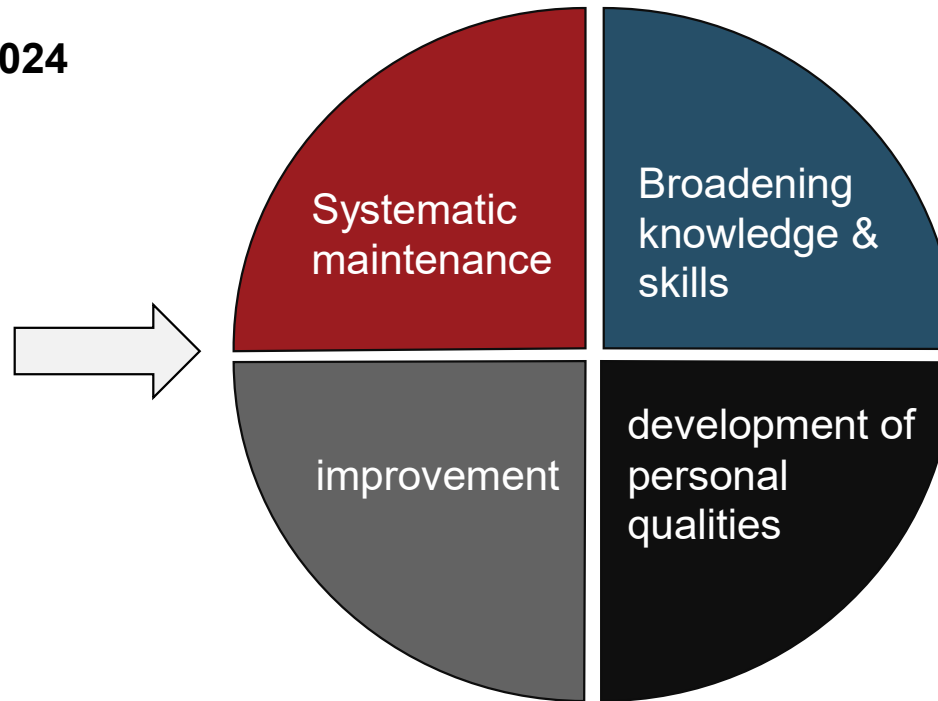


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Continuous Professional Development (CPD)

Standard for Continuing Professional Development
ECPD-01-STA
REVISION No. 4: 25 June 2024

Continuing Professional Development (referred to in this Standard as **CPD**):
Continuing education and training as contemplated in section 13(k) of the Engineering Profession Act, 46 of 2000.



for the execution of professional and engineering duties throughout a person's engineering career

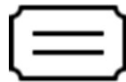
Technical Talk: Continuous Professional Development (CPD)

Continuous Professional Development (CPD)

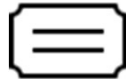
CPD Credits / Points

These credits must be earned across at least two of the three CPD activity categories

Categories



Category 1: Developmental Activities (min. 5 credits required over the cycle).



Category 2: Work-Based Activities.



Category 3: Individual Activities (includes your VA membership).

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Continuous Professional Development (CPD)

Annual Recording

Professionals are required

- to record their CPD activities annually on the ECSA portal
- ensuring accurate tracking against their compliance cycle.

CPD Audit

ECSA will conduct regular yet random audits to ensure compliance,

- assessing the validity of submitted CPD credits
- and supporting documentation.
- Non-compliance may result in the cancellation of your registration

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Continuous Professional Development (CPD)

Code of Conduct

ECSCA undertakes a monitoring and auditing process to

ensure that:

- the CPD Activities a registered person has undertaken are aligned with the ECSCA CPD Standard
- records and supporting documentation
 - ➡ certificates
 - ➡ lists of results
 - ➡ records of attendance
- all international activities have undergone a validation process

Are Verified

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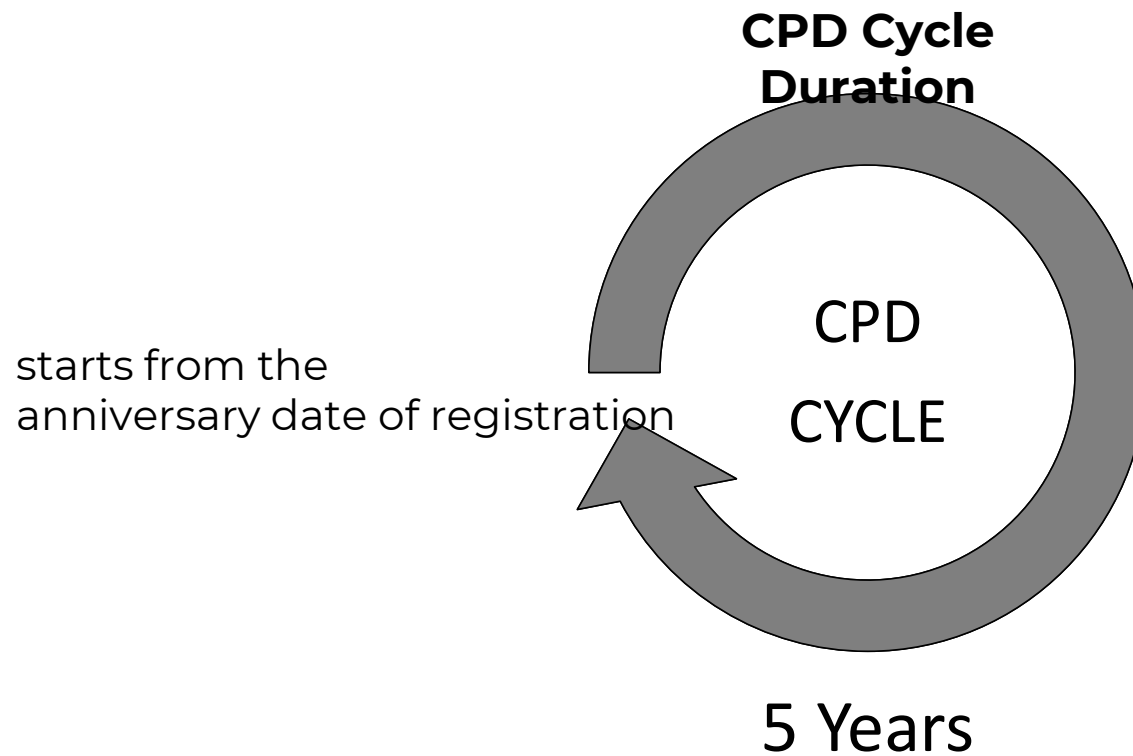
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Compliance

- The onus rests on the registered person to provide evidence for the CPD activity in terms of these rules.
- If a registered person is selected for an audit, such a registered person must upload all the documentation ECSA requests for the audit within 30 calendar days of receiving the notification

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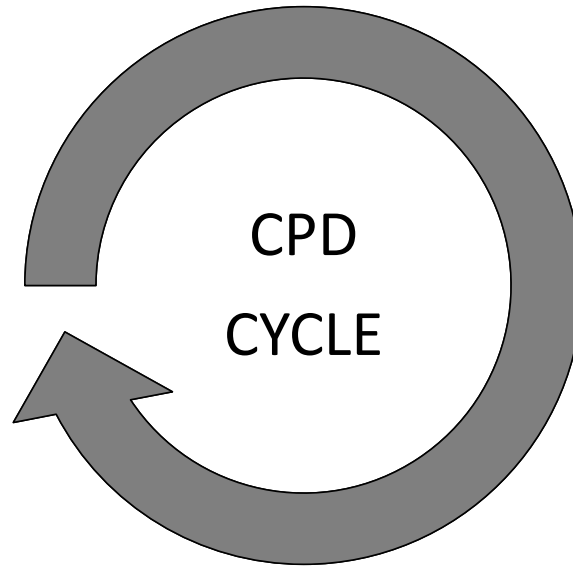
Continuous Professional Development (CPD)



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CPD Rules



Registered professionals must accumulate a minimum of 25 CPD credits over the five-year cycle

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CPD Credits / Points

Category 3: Individual Activities
(includes your VA membership).

→ capped at 1 credit per year
total of up to 5 credits over your 5-year cycle

Category 2: Work-Based Activities.

→ *Category 1:* Developmental Activities (min. 5 credits required over the cycle).

Attend courses, workshops, or webinars hosted by ECSA or/and ECSA Licensed Body
Verified Service Providers

Notional 10 hours = 1 CPD Credit /
Point
Notional 1 hour = 0.1 CPD Credit /
Point

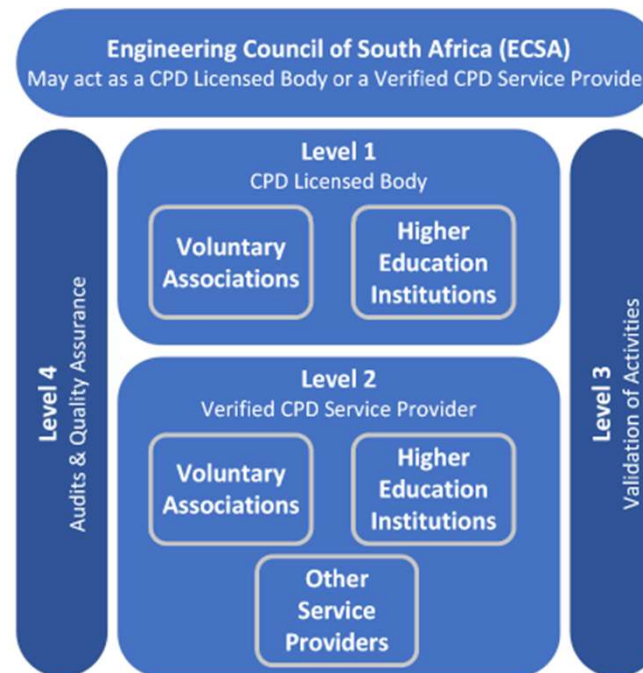
} (Category 1a) - validated
educational or developmental
activities

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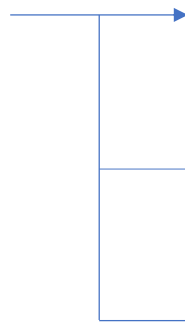
The ECSA CPD Framework stakeholders and CPD processes



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Where does SAIRAC play a part in the CPD framework and CPD processes



ECSA Recognised Voluntary Associations



VA A0013



ECSA Recognised Licensed Bodies



LB_038/2023



Recognised Service Providers



ECSA Verified Service Provider



SP_017/2029



Licenced Body Verified Service Provider



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Continuous Professional Development (CPD)

How does SAIRAC benefit your Continuous Professional Development (CPD)

As a member of SAIRAC

- registered members of a Recognised Voluntary Association enjoy partial exemption from payment of their ECSA annual fees.
- Attend courses, workshops, or Technical Talk, webinars → CPD Credits / Points



ENRICHMENT
COURSE



Technical
Talk

- Discounted rate for members for enrichment courses

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The form is titled 'THE SOUTH AFRICAN INSTITUTE OF REFRIGERATION AND AIR CONDITIONING' and 'MEMBERSHIP APPLICATION FORM & UPDATING OF MEMBERSHIP DATA FORM'. It includes sections for 'NEW MEMBERSHIP', 'MEMBERSHIP RE-INSTATEMENT', 'MEMBERSHIP UPGRADING', 'UPDATING MEMBERSHIP DATA', 'MEMBERSHIP TRANSFER', 'MEMBERSHIP RESIGNED', 'MEMBERSHIP TERMINATED', and 'EXEMPTION FROM PAYMENT OF MEMBERSHIP FEES GRANTED'. It also has fields for 'DATE JOINED', 'FIRST NAMES', 'POSTAL CODE', 'TITLE', 'SURNAME', 'POSTAL ADDRESS FOR SAIRAC CORRESPONDENCE', 'E-MAIL ADDRESS', 'BILLING ADDRESS', 'FAX NO', 'INVOICE EMAIL ADDRESS', 'TEL NO', 'CELL NO', 'DATE OF BIRTH (Y-M-D)', 'ID NUMBER', 'MEMBERSHIP OF OTHER TECHNICAL/SCIENTIFIC BODIES', 'NAME OF ORGANIZATION', 'ENGINEERING COUNCIL OF SA', 'ASHRAE', 'QUALIFICATIONS (submit additional information as an addendum hereto)', 'HIGHEST QUALIFICATIONS ACHIEVED', 'INSTITUTION', 'DATE', 'MAIN JOB FUNCTION', 'DATE OF UPDATING OF MEMBERSHIP DATA (Y-M-D)', and 'SIGNATOR'.

**Register/Sign up with
SAIRAC
to start
your
Continuous
Professional
Development (CPD)**

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Contact Details

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Links

 <https://www.sairac.co.za/wp-content/uploads/2026/02/Building-a-Future-Brochure-last-revised-11-February-2025-TM.pdf>

 <https://www.sairac.co.za/membership/benefits/>

 <https://www.sairac.co.za/membership/membership-fees/>

 <https://www.sairac.co.za/wp-content/uploads/2025/05/2025.05.3-Application-Form.pdf>

 https://www.sairac.co.za/wp-content/uploads/2024/01/Referee_Report_Form_revised_09-March_2023.pdf



SAIIRAC



ECSA

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Q & A

Q & A

Thank You