



SAIRAC

www.sairac.co.za
JOHANNESBURG REGION

The skills gap in the industry is well known and widely discussed. To bridge this gap, SAIRAC is seeking experienced professionals who are passionate about training and mentorship. This is a unique opportunity for Industry members to share their knowledge and expertise with our members and non-members through these courses.

Our courses are specifically designed to address the gap between artisan/technician-level professionals and engineers. By becoming a Facilitator, you can play a vital role in equipping future industry leaders with the skills they need to succeed.

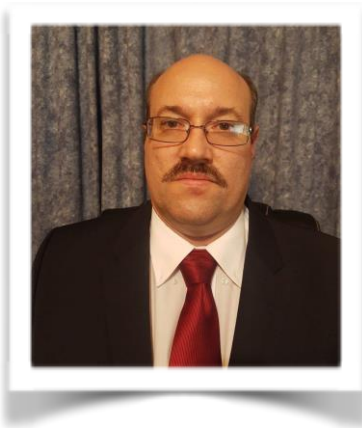
If you are interested in taking up this challenge and get involved with the presentation of any SAIRAC course, please contact Mariet Pieterse at **082 772 1694** or johannesburgsecretary@sairac.co.za.
Join us in bringing invaluable industry experience back into training!

ON LINE LOAD ESTIMATING FOR REFRIGERATION APPLICATION COURSE 2026

SAIRAC Johannesburg region is pleased to announce their 1st online Zoom course for 2026.

Booking & Enquiries:

Contact: Mariet Pieterse
Phone: 082 772 1694
Email: johannesburgsecretary@sairac.co.za



This course will be presented by Mr. Robert Fox he holds a **National Diploma in Production Management** studied at Technicon Pretoria and various other courses.

Robert currently works at Club Refrigeration cc and is the Costing Estimator and has been working for Club Refrigeration for 32 years (since 1994) performing heat load Calculations and equipment selections.

See page 2 -> Course outcomes, prices and dates.

Course Name: LOAD ESTIMATING FOR REFRIGERATION APPLICATIONS

We will cover the following.

- The importance of determining all the required information to obtain a realistic estimate of the refrigeration cooling requirements.
- Determine the correct design conditions.
- Understand and apply the principles of heat transfer.
- Determining the correct product data to use in the calculations.
- Students will perform calculations to understand the concepts.

The purpose of this course is to provide the student with an understanding of the principles for estimating the cooling load applicable to refrigeration systems.

The course will include an assignment to be completed after the presentation of the course

Course Outcomes:

- Understand the application of heat load calculations
- Understand the process of calculating heat loads
- Use different calculation methods
- Perform heat load calculations

Venue: Online (Zoom link to be provided)

Course Dates: 3,10,17 & 24 March 2026

Time: 18h00 – 21h00

Course Fees:

SAIRAC members: R2,249.00

Non-Members: R3,060.00

Please note: SAIRAC courses are very popular, and bookings are limited, therefore book early to secure your place.

See attached -> Enrolment Form