

SAIT Training Newsletter, March/April 2021

SAIT Training

Follow the path from data to information and into knowledge.

Announcement



We are very sad to announce that Gill Fuller, who has been SAIT Secretary since before the SAIT's formal inception in 1985, made the decision to retire earlier this year, and is no longer working in the office. She will be much missed by all our members, and by The SAIT Executive Committee and Board of Directors. When conditions permit formal gatherings, we will give Gill the lovely retirement party she deserves. For now, we wish her joy and relaxation in her retirement.

The subsequent re-organization of the office is taking more time than we would like, but Isabel and Berice are both in the office, and also working from home, during this time of transition. So far, we have managed to keep things running fairly smoothly. If you have any problems, please let us know and we'll help as soon as we can.

Report-back on Lubrication Engineering 128

This course was our first 'live' or 'face-to-face' course held since lockdown began a year ago – and was very successful. It was run at CedarWoods of Sandton, with the lecturers interacting with delegates while following all Covid19 regulations, such as masking, distancing and sanitising. Our thanks must go to CedarWoods for helping us with all the Covid19 precautions and being so generally helpful!

Out of the 16 participants at the course, all passed the exam with higher-than-average marks, and there were 8 Distinctions! Our congratulations to all.

Those who achieved distinctions were: Lethiwe Mdakane, Yolanda Sangweni, Ané Janse van Rensburg, Neo Mashile, Herman Barnard, F.A Truscott, Brian Harrison and Olebogeng Phetla. Well done!

See Pages 2 and 3 for pictures taken during the course.



24 Feb, 2021 – Distanced, Covid-safe Lecture Room at CedarWoods; Lecture in Progress



Ané



Dave Gamble, Lecturer and SAIT Committee Member



Herman in Front, Willem Behind, Others (unidentifiable) in the Background



Chris



Brian



Olebogeng



Lethiwe



Yolanda, with Mashau behind her.



Mashau



Riaan



Keziah



Rodney



Trinity



Stanley



Varun



Neo

Applicable to ALL SAIT Training Courses:

Registration closes a week before the starting date of each course; please book early to ensure your position.

Please note that photographs will be taken during the course and published in the SAIT Training Newsletter and on the SAIT Website.

"INTRODUCTION TO LUBRICATION ENGINEERING"



A one-day introductory e-learning course, **ILE 1e**, on the principles & technology of lubrication engineering was held on the Zoom platform on 30 March 2021.

Registered with ECSA, number SAIMM01415 and accredited with 0.8 CPD credits.

A report-back will appear in the next Training Newsletter.

"INTRODUCTION TO WEAR & MATERIALS"



A one-day introductory course, IWM 1e, on the tribological principles of wear and materials was offered on the Zoom platform for 31 March.

It was Registered with ECSA, number SAIMM01416, and accredited with 0.8 CPD credits.

NB: THIS COURSE WAS CANCELLED DUE TO LACK OF REGISTRATIONS.

We may re-schedule Introduction to Wear & Materials if you – our members and colleagues in the industry – request it.

All of our Lubrication Engineering courses, online and ‘live’, are registered with ECSA and are awarded 4 CPD Credits.

Information is applicable to all Lubrication Engineering courses held by The SAIT:

Course Objectives: The course is designed to transfer a thorough understanding of tribology from a lubrication engineering perspective. Some twenty topics take participants through from basic chemistry; the theory of rubbing contact and friction in industrial applications, to the application of management principles, safety and the environment.

Who Should Attend? The course is aimed at maintenance personnel but will be of benefit to anyone concerned with the operation, maintenance, condition monitoring or management of industrial plant, machinery, transport and other lubricant related disciplines. Marketing personnel can gain valuable knowledge from the course.

Experience: Delegates are advised that it is essential that they should have a good understanding of lubricants and their application, specifically what viscosity is. Delegates must have at least twelve months experience in the lubricant and maintenance professions.

Case Studies: Delegates are invited to bring their case studies, their problems and their questions to the course for discussion.

Course Content: Lubrication Terminology, Fundamentals of lubrication, Production and characteristics of lubricant base oils, Properties of base oils, Additives, Specifications, Grease, Lubrication Devices, Synthetic Lubricants, Internal Combustion Engine Lubrication, Auto Drive Line Lubricants, Plain Bearings, Rolling Bearings, Gears, Hydraulics, Compressors, Transformer Oils, Metal working, Filtration, Condition monitoring & Used Oil Analysis, Seals, Coolants, assessment of failed components, Lubrication Surveys, Storage and Handling of Lubricants and Environment.

Examination: An on-line examination will complete the course, with a certificate for successful candidates.

Costs: **SAIT Members: R17,135.00** **Non-Members: R19,090.00** **Students: R5, 267.00**
(proof of registration as a full-time student is required)



PROVISIONAL TRAINING DATES 2021

(subject to change):

“LUBRICATION ENGINEERING”

Four ECSA CPD credits through SAIMM

Please note that all courses, whether live or on Zoom, will depend on numbers and government regulations.

Course Nos	Course Dates	Online / face to face	Venue
LE 129:	10-14 May 2021	face to face	Johannesburg
LE 130:	7-11 June 2021	face to face	Durban
LE 131:	26-30 July 2021	face to face	Johannesburg
LE 132 (e?): <i>to be confirmed – either Zoom (9 days) or Cape Town (5 days)</i>	23-26Aug & 30Aug-3Sept 30 Aug – 3 Sept	If Online: If face to face:	Zoom or Cape Town
LE 133:	18-22 October 2021	face to face	Johannesburg
LE 134:	21-25 February 2022	face to face	Johannesburg

In-house courses will be considered on request.

As details are finalized, the SAIT Website will be updated at [SAIT Training](#). Or contact us at either admin@sait.org.za or secretary@sait.org.za, or download the Registration Forms from [our Training Website](#)



The STLE's CLS, OMA and CMFS Examinations Hosted by The SAIT



NB: These Examinations had to be postponed once again to 19 April 2021 at the SAIT Offices, as the papers from the USA were delayed in transit by lack of flights due to Covid19.

The exams on 19 April are only for those who have already paid and registered to write them.

NB: 19 April is the last time the SAIT will be hosting the STLE Exams, as they are now available to our paid-up SAIT Members, as the SAIT ensures your membership of STLE.

Information regarding the STLE Exams

- **Certified Lubrication Specialist (CLS):** Although not compulsory, it is highly recommended that you first attend the SAIT five-day 'Lubrication Engineering' course. A distinction of 75% is a good indication of success in the CLS exam, where the standard is high and the pass mark is 70%. The recommended books for the CLS exam are the STLE Alberta Section 'Basic Handbook of Lubrication' Third Edition, and/or the AIST 'The Lubrication Engineers Manual' Fourth Edition.
- **Oil Monitoring Analyst (OMA I and OMA II)**
- **Certified Metalworking Fluids Specialist (CMFS)**

A significant amount of study is required for these exams, so it is advisable that candidates make an early start. Recommended reading for all modules is on the [STLE website](#) under "[Professional Development](#)".

It is important to note that these exams – CLS, OMA I and II, and CMFS – can now be written online. Please look at the [STLE website](#) for full information. You will need to be a registered, paid-up member of the SAIT, with its built-in membership of STLE, before you write these exams.

SAIT CLS Study Overview

Please contact us at admin@sait.org.za if you are interested in participating in a SAIT CLS Study Overview before writing the CLS Exams on-line, and we will arrange it for you. Please note that before participating in the overview, you will need to spend time on a large amount of preparatory self-study and reading. This Overview will only go ahead if enough people wish to attend this overview – PLEASE CONTACT US.



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Berice Fayard
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We Want to Hear from YOU!

Training Courses.

1. **Please email us at admin@sait.org.za if you would be interested in participating, or registering trainees to participate in any of our**

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2. **Please contact us at admin@sait.org.za if you are interested in participating in a SAIT CLS Study Overview. This is NOT a full course, just revision and writing of previous test papers in preparation for the CLS Exam.**
 3. **Please email us at admin@sait.org.za if you would be interested in participating, or registering trainees to participate in any of our Training Courses.**
 4. **Please contact us at admin@sait.org.za if you are interested in participating in a SAIT CLS Study Overview. This is NOT a full course, just revision and writing of previous test papers in preparation for the CLS Exam.**
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Social Media

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