

Engineering Technology Keeps Your World Working!
See www.engineeringchamber.yolasite.com

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No 1. CHAIRMAN'S MESSAGE 2018

We always seem to realise how quickly a year has passed when we reach the October/November stage, and 2018 has been no exception.

My impression is that 2018 has been a year of political turmoil and industrial stagnation in South Africa. I am sure all are aware of the political implications of the "State Capture" revelations and already some mighty have fallen and it would seem many more to follow. In industry we have teetered on the brink of "junk status" for most of the year with mixed messages from financial pundits. First, reasonably positive but lately more subdued with even some warnings. Let's hope we have a good rain year and this assists industry to lift it's head.

Eskom is again a key to this and I trust that those in authority can rescue this situation.

Your VA has been very active in the formulation of the new South African Federation of Engineering , SAFE and were founding signatories of it's establishment.

SAFE with its moderate approach to the representation of engineering is a federation of VA's who will ensure transparent representation of all views and allow all VA's equal participation.

They have already had high level discussions with ECSA and the preliminary outlook seems to indicate better cooperation than with previous groupings, using a spirit of discussion rather than information sessions.

SAFE had some concerns about ECSA's electronic registration system and after in depth discussions, ECSA who is refining the system, will keep SAFE informed of developments.

Your VA has also remained active in the new registration process with members active as assessors, reviewers and moderators. ECSA recently requested suggestions to improve the system from these participants and responses have been given by those involved. Also, as you are very much aware, CPD is required on an annual basis to ensure you remain registered. To this end, your VA has reregistered with ECSA, as required by their latest directive, so we can still evaluate CPD courses, and after assessment, have them validated and listed on the ECSA website.

It is also our intention to try to make web based courses available, with an assessment process, to enable practitioners to access these courses from anywhere, at a very reasonable cost, and still obtain their required points.

Again we can only trust that the situation in our country, our profession and industry, improves as we prepare for a new year.

So from me and mine, to you and yours, a blessed Festive Season and prosperous New Year.

PAT MONCUR
CHAIRMAN.

2. Annual General Meeting.

Due to logistical issues the meeting could not be held in November 2018. As December and January are holiday periods the AGM is now targeted for February 2019.

3. Adverts

The Mechanical Designer's Handbook for Projects in South Africa 1st Edition

Price (including delivery in the RSA) R675

Order directly from Author:

Email: vdmtek@gmail.com

Mobile: 082 775 9274

Phone: 018 468 1804

Author	A.J. van der Merwe (Pr Tech Eng)
Format	Book – A4 Paperback / Softback
Publisher	A.J. van der Merwe
Printing and binding	DTP 2 Print & digital Finishing Centre
Editor	C.W.R. Oertel
Edition	1 st
Date of Publishing	1 May 2018
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Language	English

This handbook is specifically written for technologists, designers and drafting technicians in the engineering project environment in Southern Africa. It is also a useful reference to students in mechanical and structural engineering.

The text introduce the reader to design office management, layout drawings from flow sheets and P& IDs, the understanding of survey drawings, basic structural design of steelwork to SANS 10162, machine design, belt conveyor design to international standard ISO 5048 and fluid design, including pump selection.

Fifty two step by step examples simulate typical situations in practice and guide the reader to quick and accurate solutions.

After more than 25 years in the design and project management environment, the author based the contents of this handbook on practical “hands on” experiences and gladly share this knowledge with upcoming professionals.

Recommended reading!

Advert from a Student

I am interested in gaining experience in the automotive industry.

I love cars!! I love how they operate and enjoy the politics and current affairs about it.

This being said, it made sense for me to study mechanical engineering which I am currently doing at Vaal University of Technology. I am entering my 3rd year.

I am a respectable disciplined young man who cares about the wellbeing of others and pays attention to detail. I am very decisive. When I evaluate a task or project I am interested in, I make a calculated decision to make sure I will commit wholly and give my capable best.

I am confident and believe in earning respect and it given in return. I understand this industry allows no space for error as it may be financially costly and even worse, loss of life. So I am heightened to be as perfect as possible in the industry to avoid an adverse event.

Thanks for reading about me. I hope to hear from you and hope you are exciting, which is any project or related to the automotive industry.

Here is my contact information

Cellphone number: 0719361634

Email Address: tokologokelvins@gmail.com

NO 4. CPD News.

Interim Report on CPD Courses.

With the kind help of many members who responded to our survey and further research we have compiled an interim but useful information source all about CPD Courses.

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Section 1.

Background.

Section 2.

Continuing Professional Development (CPD) Brief Details of the Scheme.

Section 3.

Chamber of Engineering Technology (COET) Assessed CPD Courses.

Section 4.

Institute of Professional Engineering Technologists (IPET) Assessed CPD Courses

Section 5.

Other Courses from Other Providers.

Section 6.

Universities Courses.

Section 7.

Cheap & Free CPD Courses.

Few at present but watch this space.

For the full report and lists please visit our Website and download the PDF file.

See Continuing Professional Development in our Website

www.engineeringchamber.yolasite.com

or www.engineeringchamber.mirrorz.com

5. Snippets.

The following mini articles, notices and news follow the trend of interesting scientific, engineering developments and general interest items that we come across. Read and enjoy!

Please feel free to contribute by sending your items to share with our members!

Ed

The United Nations Environment Programme (UNEP) has declared war on ocean plastic.

The UNEP says that more than eight tons of plastic enter the oceans every year – equivalent to one garbage truck per minute.

"It is past time that we tackle the plastic problem that blights our oceans. Plastic pollution is surfing onto Indonesian beaches, settling onto the ocean floor at the North Pole, and rising through the food chain onto our

dinner tables. We've stood by too long as the problem has gotten worse. It must stop," said UNEP executive director Erik Solheim.

In SA, Plastics SA says in its National Plastics Recycling Survey 2017 that the industry recycled 334 727 tons – or 43.7% – of all plastics.

The plastics recycling industry in SA supports 5 837 formal jobs, says the organisation.

The much talked about **YES (Youth Employment Service)** initiative has been welcomed by most companies who are now seeing the implementation of the initiative, being able to move up by 2 BEE levels, as being very motivating. It is exceptionally positive and will hopefully also solve a growing problem of unemployment and specifically youth unemployment.

The first gazette was a draft issued in March 2018, with the final version being gazetted on the 28th August and on the 12th October the Practice note was gazetted. This Practice note has clarified some ambiguity and provided guidance on implementation.

In summary, the YES initiative is applicable to all companies including those that follow a sector code. You must register your company on www.yes4youth.co.za in order to claim the benefit. Many companies were worried that if a YES worker left the company prior to the 12 months work experience being completed they would not get benefit...

The good news is if a worker leaves after 8 months and is replaced within a month then he/she can still count.

Lunar Craters Named in Honour of Apollo 8.

The Working Group for Planetary System Nomenclature of the International Astronomical Union has today officially approved the naming of two craters on the Moon to commemorate the 50th anniversary of the Apollo 8 mission. The names are Anders's Earthrise and 8 Homeward.

In November 1985 Microsoft Windows 1.0 is released.

Bill Gates has received a knighthood from the Queen. Unfortunately, due to being a rebel American, he cannot be addressed as "Sir".



No 6. The Joke Column.

Warning / Disclaimer.

Sensitive readers are warned that the following may erroneously be taken to contain sex, violence, strong language, gender, race, ethics etc. Readers are warned not to read or have any of the following read to them. Recommended readers age is limited to 140 and 161 years of age. A further requirement is you must have a sense of humour. No Persons or animals are intended to be harmed in any way by this column. Note no trees were hurt in forming this newsletter!

"Being British is about driving a German car to an Irish pub for a Belgian beer, then going home, grabbing an Indian curry or a Turkish kebab on the way, to sit on Swedish furniture and watch American and Australian shows on a Japanese or Korean TV, which will soon be powered by a Chinese power station."

And the most British thing of all? "Suspicion of anything foreign."

Jokes

The past, present and future walk into a bar.
It was tense!

Practise safe eating.
Always use condiments.

If you think EDUACTION is costly, try ignorance.

Frog parking only.
All others will be toad.

Ban pre-shredded cheese.
Make America grate again.

Part 7. Unsubscribe.

As a member of COET you should want to receive the E News. If however you do not want to receive the COET E News as an E Mail then you have the option to unsubscribe.

To unsubscribe send an email with ""COET unsubscribe"" in the text to engineer@netactive.co.za

Part 8. E. & O. E.

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