

Chamber of Eng Tech News. sept 2019

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Company Members

African Maritime Services
Pty Ltd. 021 510 3542

Bellambie Mining &
Industrial. 011 617 6300

Condra Pty Ltd.
011 776 6000

Cranes Complete &
Components Pty Ltd.
081 761 9105

Delta Crane & Plant Hire
Pty Ltd.
016 973 1528

Echo Crane & Steel cc.
044 698 1086

Experior Lifting Pty Ltd.
011 913 3956

Hydralift.
021 511 4131/2/3

Load Mass Crane Services
cc. 041 453 6977

Mandirk Pty Ltd.
011 412 1020

MXN Electrocon Projects
043 722 4875

Titan Equipment cc.
011 813 4528/9

Toco Lifting Pty Ltd
011 538 4700

Umbobintini Riggers & LMI
Inspectors cc.
031 904 1778

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General Update Form.

No 1. Obituary Mrs Adrienne Bird,

With sadness we have to notify you that Mrs Adrienne Bird, recipient of the our sister association, IPET's President's award in 2016, passed away on the 15th of June. She was a friend of the Engineering Technology as well as the Artisan fraternity and did exceedingly good work in the Department of Education in this regard. She was known as a champion of the "Sweeper to Engineer" principle of articulation of educational qualifications that still is work in progress.

No 2.

ECSA Survey.

Please note that this below is an E Mail we received from ECSA. ECSA should also have E mailed you the same letter if they have your E Mail address.

You may wish to respond to this.

We await the results (eventually).

Please address your answers to ECSA and not us. Their E mail address appears below.

Thanks
Admin.

Dear Stakeholder,

The Engineering Council of South Africa (ECSA) has contracted the services of Eyes and Ears Marketing Services to conduct survey on its behalf. The survey seeks to solicit input from Registered Persons on the perception they have of ECSA, and the value you would like to derive from being a Registered Person among other things.

In compliance with the POPI Act, ECSA is requesting your permission to give Eyes and Ears Marketing Services your Name, Cell Number and Email Address to allow for your participation in the survey.

To grant permission please email **YES**

To withhold permission please email **NO**

Regards,

Mbalenhle Dlamini
Public Relations Officer

Engineering Council of South Africa

Waterview Corner Building, 2 Ernest Oppenheimer Avenue, Bruma Lake Office Park, Bruma, 2198, Johannesburg

Tel: +27 (0)11 607 9633 Fax: +27 (0)86 603 3589

sybil@ecsa.co.za | www.ecsa.co.za

Please address your answers to ECOSA and not us. Their E mail address appears above.

If links don't work please type in the text into your internet browser.

No 3. COET condemns violence

COET condemns the violence that has taken place in the last few days across Tshwane, Johannesburg and on the N3 highway, during which foreign-owned businesses were vandalised and looted and foreign nationals attacked.

All lawlessness should be condemned. The small, medium-sized and microenterprise (SMME) sector, which is considered to be the most effective source of job creation, had faced the brunt of the protest action.

The racist and xenophobic undercurrents to some of the attacks are identified as extremely disturbing.

While these attacks look random and uncoordinated, it is increasingly clear that people are taking advantage of the situation and waging war on our economy. Taken in addition to the various attacks on construction contractors in the country over the past months these acts should be labelled economic sabotage and the authorities should be proactively dealing with them and not simply making late statements with nice sounding political words.

To assist Police IPET calls on all South Africans to report all acts of criminality, irrespective of who commits them. The South African President, Cyril Ramaphosa, has indicated that strong actions are to be undertaken to fix this problem.

No 4.

The Court Case Against ECSA – Update.

ECSA was approached some years back on what seems to have been a flawed process of appointment of individuals onto ECSA's then new council which may render the new council illegal. This was a concern raised by various Voluntary Associations (VA) as it impacts on the validity of the work of ECSA's committees and the VA's.

Due process was followed after ECSA did not respond to the concern and the matter was taken to the Council for the Built Environment (CBE) for investigation. Legal advice indicated that there is sufficient evidence that the process was flawed. This concurs with the legal finding of the CBE.

Before going to court these individuals followed all available processes to resolve the matter amicably and in a collaborative manner with ECSA.

ECSA and the CBE were approached, then the Minister of Public Works. The team met with the Minister, deputy minister, the DG and their advisors. The Minister and his deputy both confirmed that they were not aware of the details of the issues regarding the ECSA case apparently promised to get back to the VA's. It's been more than two years since this meeting was held and the team has not received any response.

Due to no response from these bodies, the only option available was to go to court. Some 16 Voluntary Associations are indirectly part of this litigation process. Papers were lodged in high court in October 2016. The court date for this case has not yet been finalised as far as we are aware.

At the time of writing no positive steps have been yet ocured.

No 5. Good to Know.

We are planning multi-disciplinary CPD courses, where paid up members will only pay for the catering and venue hire, making it very affordable, costing about R250 per day versus the going rate of R3500 per day. We are also working towards providing free CPD lectures on line on our web site. We appeal to members who have written papers and presented them at conferences (there must be no copyright on them) to share them with us for this purpose.

Members are asked to advise us of free and or reasonably affordable local venues as this will assist in this project of bringing really cheap and affordable CPD courses to members.

#. Services Offered By Members.

(Free ad for members)

Please visit our Website

<http://engineersdirectory.co.za/>

For all details.

If links don't work please type in the text into your internet browser.

Wherever possible support your fellow members!

No 6.

Office News.

In June and July we had a few weeks with no telephones or internet as well as a power failure over a few days. Thieves stole cables and also the standby batteries at local Cell Phone towers. The good news is that the battery thieves were caught some days later with the goods.

The Post Office has closed two of its local offices. The PO Boxes are still available but now one has to go to another Post Office to collect registered items. This is time consuming. To add to the general decline of services the Standard Bank, ABSA bank and Nedbank have closed their local branches while FNB has downsized dramatically.

Judging by the number of closed shops in the shopping malls in the area, the country's economic situation has worsened drastically over the past six months or so. We have also lost a number of members who resigned, emigrated or simply advised that they could no longer afford the fees. We have tried to accommodate as many members with problems as possible.

From the admin side we have further decreased our use of the Postal services. We no longer accept posted applications and all applications and correspondence should be done on line by E mail.

No7. Adverts of interest to members.

Recruit a Graduate!!

South African businesses have a new platform to recruit skilled graduates, interns, and apprentices in a simple, low-cost format.

RecruitAGraduate.co.za is a new online recruitment platform. The new platform aims to pair young graduates, interns, and apprentices who have graduated from reputable higher learning institutions in the past five years, or those who need work experience to complete their qualifications, with businesses and entrepreneurs looking for the energy and skills that young recruits can offer.

Recruitagraduate.co.za completed a successful trial phase in March 2019 and opened its doors for job listings and professional recruitment in April.

By offering an easy-to-use platform with low fees and a targeted approach, RecruitAGraduate will help forward-thinking businesses invest in hiring graduates, interns, and apprentices, addressing one of the challenges of youth unemployment in South Africa, which is the highest in the world. Graduate youth employment integrates with existing governmental tax and B-BBEE incentives and dovetails with foundational programmes such as [Youth Employment Services](#) (YES)

Ed. This may assist students, graduates and employers.

If links don't work please type in the text into your internet browser.

No. 8. B Tech versus NHD.

On the question of which is better the article below is what our sister institute IPET published more than a year ago.

A view of the question on the matter of the B Tech versus the NHD is as follows below.

B Tech and NHD, Job Adverts and Professional Registration.

2018

In a comparison between the National Higher Diploma and B Tech in engineering the following points are found.

1. In **The National Qualifications Framework** both the NHD and B Tech are rated as follows;
NQF Levels Designation / Description

7 Bachelor's degree, Advanced Diplomas, Post Graduate Certificate and B Tech.

Both are thus rated at the same level.

The **South African Qualifications Authority (SAQA) is a statutory body**, regulated in terms of the National Qualifications Framework Act No. 67 of 2008. All education and training in [South Africa](#) fits within this framework.

2. The B Tech and NHD are *not identical* as the subjects and the levels differ *but are similar* in many respects. The NQF rate them at the same level.
3. The B Tech did not exist in the early days of the NHD and was not available to students. Without doing the whole B Tech course over, doing a few extra B Tech subjects after a NHD would generally result in being awarded a pass in those subjects but not a B Tech degree. (The same rule applies at the traditional universities).
4. While the current bench mark requirements for registration as a Professional Engineering Technologist with the Engineering Council of South Africa (ECSA) are a B Tech and at least 3 years of acceptable engineering responsibility the NHD is also accepted but with a few more years of acceptable engineering experience.
5. The Employer should be made aware that when assessing candidates for registration the outcomes to be met are that the applicant must be solving problems at B Tech level. It is not necessary that he has a B Tech, he could obtain that knowledge though Continuing Professional Development (CPD) and work experience. CPD is an ECSA requirement to retain Professional Registration. In this regard he should make his employer aware of ECSA's policy documents on education evaluation, registration and the RPL policy. Reference should also made to the National Building Regulations which allow both Pr Eng's and Pr Tech Eng's to carry out rational design

6. The problem with NHD , B Tech *and the future B Eng qualification* is that each time there is some rearrangement of content etc the name changes. The traditional Universities make changes to content and level of their engineering degrees on an ongoing basis and a Bsc of say year 2000 is not the same as 2017. As the name has not changed they are generally accepted as equal and the same!

The Universities of Technology and Authorities should take heed of this and stop their confusing stance that just benefits Bsc graduates!

7. The problem with adverts that specify only a B Tech flow from the above and fall into the trap of requiring a specific qualification instead of requiring a competency. Such adverts are, in our opinion, discriminatory and in some cases age discriminatory.

8. Any advert for a competent engineering vacancy should specify a professional designation such as a Pr Tech Eng (Professional Engineering Technologist) or equivalent. (The equivalent could be an overseas recognised designation).

9. All the above should be brought to the attention of the Employer especially their Human Resources (HR) departments as it seems that they are not fully informed on this matter.

10. If this is not resolved then the applicant should consider approaching the Human Rights Commission and the Competition Commission.

**No 9.
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

In the Middle East and Africa (MEA), personal computing devices (PCD) market, which is made up of desktops notebooks, workstations, and tablets, declined 9.1% year on year in Q2 2019, according to the latest insights from International Data Corporation (IDC). The global technology research and consulting firm's Quarterly PCD Tracker shows that a total of 5.1 million units were shipped during the quarter. As with previous quarters, the decline primarily rooted from tablets however these seem to have dropped as well due to financial constraints.

India is about to land a lunar lander where no one has been before on the moon. The Chandrayaan-2 lunar lander Vikram, built by the Indian Space Research Organisation (ISRO), is scheduled to land amid the craters of the moon's south pole (Sept. 6). Touchdown was scheduled for some time between 4 p.m. and 5 p.m. EDT (2000-2100 GMT, 1:30 a.m. to 2:30 a.m. Sept. 7 IST). What was supposed to be India's first soft landing on the Moon appeared to end in failure when the country's robotic Vikram lander seemingly crashed into the lunar surface during its powered descent to the ground. If it had been successful, India would have become the fourth country to land a spacecraft intact on the Moon. But for now, only the United States, Russia, and China hold that title.

No 10.



The Joke Column.

Warning / Disclaimer.

Sensitive readers are warned that the following may erroneously and unintentionally 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.

- # *On the economic front.
Two guys talking about the strength of the stock market. "Why would the stock market fall" the first man asked. "This economy has created so many jobs."
Yes, I know," replied the second man. "I have three of them."*
- # *I wonder about unemployed blacksmiths. Do they stand around talking about possible jobs?
Or do they just say, "Yes, I have a few irons in the fire"!*
- # *In this electronic age, a person is known by the company they beeps?*
- # *A thief stuck a pistol in a man's ribs and said, "Give me your money." The gentleman, shocked by the sudden attack, said: "You cannot do this, I'm a South African Minister!" The thief said, "In that case, give me my money!"*
- # *"One day, Einstein, Newton, and Pascal meet up and decide to play a game of hide and seek. Einstein volunteered to go first. As he counted, Pascal ran away scrambling to find a great hiding place. Giddily, he squeezed into a crawl space sure that he would win this time as this was his best hiding spot to date and Newton surely wouldn't find an equal. Newton on the other hand, stood right in front of Einstein, pulled out a piece of chalk and drew a box on the ground of roughly 1x1 meters. Once this was completed, he sat down neatly inside the box and waited for Einstein to finish counting. When Einstein opened his eyes, he of course saw Newton and with a bit of disappointment said "I found you Newton, you lose"... but Newton replied, "On the contrary, you are looking at one Newton over a square meter... Pascal loses!"*

No 11.

Unsubscribe Option.

As a member of COET you should want to receive the E News. If however u 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 newsletter" in the text to engineer@netactive.co.za

No 12.

O. & O. E.

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General.

To All Members

Annual

Information

Update.

We no longer post items. Post only used in special cases. Please get an E Mail address so we can communicate with you.

Your E mail, if you have one, does not always work! Please complete & return this form for updates.

Note that E mail addresses that end in Spoornet, Transnet, Eskom and Gov (Government) are usually blocked at your end.

E Mails to some Consulting firms are also blocked.

Aurecon & ones ending in
Telkomsa.net included!

You have to fix this at the your receiving end as we cannot solve this for you.

We recommend members use private individual E Mail addresses instead of Company addresses.

Provide us with your E mail address so we can send our regular News etc to you. Thank you for co-operation.

Form for Individual Members

Last name		Initials	
First Names			
Your Preferred Postal Address		Postal code	
Alternate or Work Postal address		Postal code	
Name of Employer / Company			
Your or your Companies main field of engineering			
Work Tel <small>(include area codes for all numbers)</small>		Work Fax	
Home Tel		Home Fax	
Cell No		E Mail	
Membership Number			
Engineering Council of SA Registration Number (If applicable)			
ID Number	Birthday, Year, Month, Day		
Race (For statistical purposes only)	Asian (Indian etc) = A Black = B	Coloured = C White = W	

Together We can Achieve more in engineering

Visit our Web site
<http://engineeringchamber.mirrorz.com>

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