



PICE Qatar NEWSLETTER

The Official Publication of the Philippine Institute of Civil Engineers – Qatar Chapter

www.piceqatar.com

DECEMBER 2018 ISSUE



2019 Board of Directors, Immediate Past President and Past Presidents during the 12th General Assembly, November 30, 2018 at Almas Grand Ballroom in Rotana City Centre

Chairman, Committee on PICE Qatar Affairs (COPA) – Engr. Emmanuel German V. Boceta

Chairman, Committee on Membership (COME) – Engr. Rogel B. Banal

Chairman, Committee on Ways and Means (CoWMe) – Engr. Newcesar T. Templonuevo

Chairman, Committee on Publications and Information (COPI) – Engr. Jerick A. Lising

Chairman, Committee on Continuing Professional Advancement (CoCPA) – Engr. Loraine C. Radan

Chairman, Committee on Honors and Professional Licensure Examination (CoHOPLE) – Engr. Bernard Y. De Vera

PICE Qatar Chapter Changing of the Guards

Alfonso Betita

Philippine Institute of Civil Engineers - Qatar Chapter 2018 President Engr. Aileen A. Buenafior is posed to relinquish the leadership of the organization to the incoming 2019 Board of Directors headed by President-Elect Helario S. Amoguis comes 12:01 AM of January 1, 2019, as mandated by the chapter's Constitution and By-Laws.

This signals the end of another fruitful and successful year 2018 for PICE Qatar that was capped by the organization being hailed as the Most Outstanding International Chapter in addition to being awarded the Most Outstanding Community Project and Most Outstanding Newsletter titles by PICE National Awards Committee during the 44th National Convention at SMX Convention Center in Manila, Philippines.

The complete list of 2019 Board of Directors that will lead and serve the organization for a one-year tenure are:

President – Engr. Helario S. Amoguis

1st Vice President – Engr. Sheila L. Medel

2nd Vice President – Engr. Elvin D. Fajutagana

Secretary – Engr. Alfonso Belito C. Betita

Treasurer – Engr. Rolan E. Nevado

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Business Manager – Engr. Mark Anthony P. Abendan

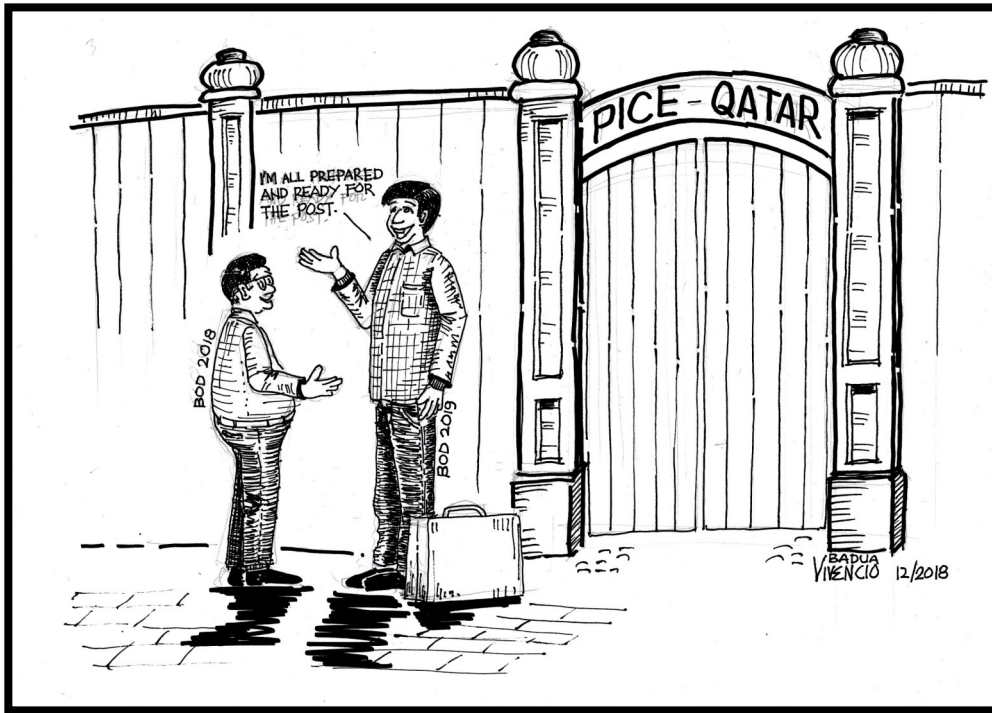
Public Relations Officer – Engr. Belinda E. Dela Cruz

Sergeant-At-Arms – Engr. Maria Michelle A. Revillosa

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OPINION



Election and Oathtaking of BODs, redundant events?

Comes February 8, 2019, PICE Qatar will hold its Oathtaking ceremony for the 2019 Board of Directors. This is more than two months after they were elected during the 13th General Assembly held on November 30, 2018 and more than a month after they took the reign of the organization on January 1, 2019 in accordance with the provisions of the chapter's constitution and by-laws.

The days that elapsed from the day when the BODs were elected and the time when they have sworn the oath of office is too long considering the gap of seventy days. Added fact is that these elected officers and committee chairmen moved in to take over the leadership thirty-nine days before being sworn into office which may have defeated the purpose of swearing-in. Is there any valid reason why the oath-taking didn't take place right after the election of BODs during the General Assembly?

Holding the oath-taking ceremonies of the BODs during the General Assembly is far more logical and economical since that attending

members have to pay only one time thereby saving money, time and effort. This would be equally beneficial to the working committee as they have to prepare for the big event only once.

During the conduct of these two events, identical government dignitaries and special guests are invited to witness. By holding these two activities together in the same program on the same day, will be a great relief for these hardworking and busy officials. With this, elected officers when they take over the helm at every first day of January each year are already fully sworn in and no longer in acting or elected capacity.

The current practice of holding the election and swearing-in of elected officers in two different programs that are scheduled far apart from one another does not suit the idea of having an economically viable event nor practically favorable for us engineers, whose daily schedule is always full. When we started working at the beginning of the year, we would rather be already sworn-in and having the full authority to hold office within the beloved organization.



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If the organization likes to hold an economical and a more successful General Assembly and Oath-taking Ceremonies, then to conduct the same together in one full event is an ideal thought that is worth entertaining.

The opportunity offered in the field of construction industry in our host country is not as bright as once before. It is wise to note that some of our brothers and sisters in the profession may lack the necessary financial capacity at this time to finance their urged to attend these very important events of PICE Qatar. By doing things and taking out redundancy from our annual program of events, PICE Qatar will be doing the general membership this big favor in their effort to save but at the same time be active in attending major events.

THE PRESIDENT'S LOUNGE

Message from the President

Aileen Abejero-Buenaflor

CEng, ASEAN Eng.
1st Female President of PICE Qatar Chapter



It is already December and I am now on the last month of my term as PICE Qatar Chapter President. December is always a month to remember for everyone because of the many parties and get-togethers we attend. December also have the grand celebrations for us here in Qatar like the Qatar National Day, Christmas Day and New Year's Eve. The month of December is a time to be together with our friends, family and acquaintances.

Before my term ends on December 31, 2018, I am here once again to report to you the accomplishments of PICE Qatar Chapter for the month of December 2018, to wit:

1. December 7 and 14, 2018 – the COCPA Team chaired by Engr. Loraine Radan conducted two (2) CPD-Accredited Seminars in partnership with the CPD Team Chaired by Engr. Aushford Acera. The Seminars conducted simultaneously on December 7 and 14, 2018 are BIM Module 3 (speaker: Engr. Anthony Patino) and Microtunnelling (speaker: Engr. Alfonso Belito Betita) and Material Mix Design (speaker: Engr. Edgar Domingcil) and Actual Laboratory Workshop on Testing and Procedure. The actual laboratory workshop was sponsored by ACES Laboratory (speaker: Engr. Ruel Reyes). These were the last seminars held and conducted by the PICE Qatar Chapter for 2018.
2. December 14, 2018 – the COPA Team chaired by Engr. Emmanuel German Boceta participated in the Tree Planting Activity which was sponsored by the Quranic Botanic Garden (QBG) headed by Mr. Mohamed Hassona. Eighty-two (82) PICE Qatar Chapter participants planted fifty two (52) trees near the venue of Education City Football Stadium. The Tree Planting Activity was the last event held by the COPA Team for year 2018.

3. December 7, 14, and 21, 2018 – the COHOPLE Team chaired by Engr. Bernard De Vera conducted the SPLE Reviews at Oryx Rotana. With an average of 40 reviewees out of 58 enrollees attended the SPLE Reviews. Most of the reviewees are in their Christmas vacation.
4. December 2, 5, 9, 12, 16, 19, and 23, 2018 – the COME Team chaired by Engr. Rolan Nevado held its Wednesday and Sunday meet-ups at FCC and Big Diners. During the said Wednesdays and Sundays meet-ups, concerns of the PICE members pertaining to their membership status and other concerns were addressed.
5. December 20, 2018 - The EXECOMM together with the committee members and their families hold a Christmas and Thanksgiving Party for 2018 at Oryx Rotana, Old Airport.
6. December 24, 2018 - The COPI Team chaired by Engr. Elenie Nicomedes published and released the Newsletter for the month of November 2018. The COPI Team also held a Christmas Party last December 28, 2018 at Al Bidda Park.

I would like to take this opportunity to thank the EXECOMM 2018 for taking leading and steering PICE Qatar Chapter in all its successful activities for Calendar Year 2018. I am very proud to be your President. It has been a pleasure serving my beloved organization – PICE Qatar Chapter. The early part of the CY 2018 is a challenging one for me as your first ever lady President brought about by the resignations of some of the BOD members because of work-related and health-related concerns. Nonetheless, because of the professionalism and commitment of the 2018 Board of Directors and the Chapter's members, we were able to overcome these challenges. Your tremendous support and commitment to do your best in

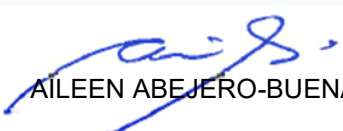
planning and executing all the activities of PICE Qatar Chapter made the same successful. I can truly say that CY 2018 has been a very successful and rewarding year for PICE Qatar Chapter. As a testament to the successful and rewarding year, we were able to achieve the following as milestones. During the recent PICE National Convention, the 2018 PICE National leadership bestowed on us the following Awards namely:

- a. Most Outstanding Chapter;
- b. Most Outstanding Newsletter; and
- c. Most Outstanding Community Project.

Finally, I would like to congratulate the new set of officers for CY 2019. Good luck to all of you and I am very sure that this 2019 will be another challenging but productive year for PICE Qatar Chapter. As PICE Qatar Chapter members and officers, let us support President-elect Engr. Helario Amoguis this 2019 as we aim for another fruitful year that will produce milestones for us.

As always, I am extending my warm and sincerest appreciation for all the support extended to PICE Qatar Chapter this CY 2018. Congratulations and thank you to each and every one for a job well done! On behalf of the 2018 Board of Directors and Officers, I would like to end my message in this wise, **"Muchisimas gracias a todos"**.

Best regards,


AILEEN ABEJERO-BUENAFLOR

PICE QATAR UPDATES

PICE Qatar Family is Love this Holiday Season

Jerick Lising



energetic that makes the “Candy Relay” games more exciting and the kids enjoyed it very well even more because of the prizes that awaits the winners. One of the games called “Christmas Song Relay” was participated by the past presidents. The catch of the game is that a classic Christmas song will be played, and the participants will pick and choose pictures showing the title of the song. The last game is for the current Board of Directors which is called “Trip to Jerusalem” where the music was a live performance of the Tripod Band - Engr. Maria Michelle Revillosa was declared the winner after several rounds of elimination.

It is a popular Filipino tradition to celebrate the Holiday Season together with family and friends. Even though we are working overseas, away from our families in the Philippines, we are still blessed to have our so-called second family, the PICE Qatar.

On December 20, 2018, PICE Qatar Board of Directors (BOD) and committee members gathered on this joyous day to celebrate another fruitful year where the event setting is at Oryx Rotana

Hotel. The celebration began with a sumptuous dinner served to everyone. There were savory dishes oozing with the aroma of a perfectly roasted turkey, mouthwatering fruits, sweet pastries, and desserts. Tripod, an all Filipino band serenades the night with their classic to modern music, setting the mood for a night-long festivity.

Engr. Jundee Tejado and Engr. Belinda Dela Cruz were the masters of ceremonies of the event. The emcees were very

The event coincided with the birthday celebration of PICE Qatar Past President, Engr. Gerry Managuelod. Everyone greeted him with a song and wished him good health and another year filled with joy and happiness. The event ended with a traditional exchanging of gifts that makes everyone happy and thankful. It was indeed a night full of love and joy – a true Spirit of Christmas! Joyeux Noël et Bonne Année!

PICE Qatar Members attend “Hatid Saya - Thank You Qatar”

Emmanuel Boceta

Some twenty plus members of the Philippine Institute of Civil Engineers (PICE) Qatar Chapter attended the “ Hatid Saya - Thank You Qatar” event organized by the Philippine Embassy in Doha and POLO-OWWA held on December 18, 2018 within the premises of the Aspire Ladies Hall, Doha, State of Qatar.

The activity was held as a celebration of Qatar National Day by the Filipino Community based in Qatar which also highlighted the tribute to the Overseas Filipino Workers (OFWs) who are considered partners of the Qatari Government in building their

country towards progress and development.

Special cultural renditions from the different Filipino Socio-Civic Groups were presented during the program. While guest performer artists such as: Mr. Noelle Uy Tuazon, Mr. Nico Antonio and with special guest performer, Ms. Maja Salvador wooed the audience with their song and dance performances, side-by-side the meeting and greeting of their fans.

The activity was spearheaded by the Committee on PICE Qatar Affairs (CoPA) together with BOD-EXECOMM 2018.

PICE QATAR UPDATES



12th PICE QATAR EXECOMM REGULAR MEETING

Warwick Hotel Doha, Al Sadd, Doha, State of Qatar

Alfonso Betita

The 12th Regular Meeting of PICE Qatar EXECOMM was held at Warwick Doha Hotel, Al Sadd, Doha, Qatar on the 7th of December 2018 which was actually a combined meeting between the out-going 2018 and incoming 2019 EXECOMMs.

Topics discussed focused on the closing of issues as well as official handing-over of responsibilities and assets by the out-going officials to the incomers led by President-Elect Helario Amoguis.

The meeting was called to order by Sergeant-at-Arms – Engr. Belinda E. Dela Cruz at 8:50 A.M. and was presided by the incumbent

President – Engr. Aileen A. Buenaflor. It was attended by 1st VP – Engr. Sheila L. Medel, 2nd VP – Alfonso Belito C. Betita, Secretary – Engr. Elvin D. Fajutagana, Treasurer – Engr. Maria Michelle A. Revillosa, Auditor – Engr. Emilio M. Manalo, Business Manager – Engr. Felipe D. Catinoy, COME Chairman – Engr. Rolan E. Nevado, COHOPLE Chairman – Engr. Bernard Y. De Vera, COCPA Chairman – Engr. Loraine C. Radan, COWME Chairman – Engr. Newcesar T. Templonuevo, COPI Chairman – Engr. Elenie E. Nicomedes, COPA & COLSA Chairman – Engr. Emmanuel German V. Boceta, Chairman SPECS & Pres-Elect – Engr. Helario

S. Amoguis and CPD Chairman – Aushford O. Acera.

Also in attendance were Immediate Past President – Engr. Allen L. Nacario, Founding President – Engr. Roy L. Baquiran and, Past Presidents – Engr. Geraldo T. Managuelod, Engr. Arnel P. Punsalan and Engr. Noel T. Jumawan.

Newly elected 2019 BOD-Elect were also present during the meeting in the person of Engr. Jerick A. Lising and Engr. Rogel B. Banal.

The meeting was adjourned by the president at exactly 1:12 P.M.

PICE Qatar Membership Now at 3,380

Russel Flores

The Committee on Membership (CoME) through its Chairman - Engr. Rolan Nevado discloses that the last membership number issued as of December 31, 2018 is 3,380.

For this month, a total of 40 members who updated their dues

and two (2) new members were accepted as temporary members. The last temporary membership issued is T-166 in accordance with the new IRR implemented this year.

However, it was noted that for this year, there was a decline in the

number of members who either updated their dues or joined as a new member when compared with the previous years. It was recorded by the Committee, that the total active members stand at 887 comprising of 459 regular members, 146 associate members, and 237 life members.

PICE QATAR UPDATES

COCPA Sets Seminar / Workshop on Quality Management System

John Cromwell Esclanda

PICE Qatar's Committee on Continuing Professional Advancement (COCPA) will be conducting a two-day event entitled 'Seminar/Workshop on Quality Management System in Construction Industry: Understanding ISO 9001:2015 and Its Requirements' on February 15 and 22, 2019.

In an email to general members, COCPA Chairman Loraine C. Radan invited everyone to participate in this seminar/training which could help in upgrading everyone's career. This seminar will also help in obtaining CPD hours for application in engineering registry such as ASEAN Engineering Register (AER), Asia-Pacific Economic Co-operation (APEC), and ASEAN

Chartered Professional Engineer (ACPE).

Two resource speakers have been invited to share their knowledge and expertise in Quality Management System. The speakers are Engr. Alfonso Belito C. Betita (Civil Engineer) and Engr. Panchanathan Raja (Mechanical Engineer).

The course outline of seminar/training is as follows:

1st Day:

1. What is ISO 9001:2015
2. Quality Assurance and Quality Control
3. Quality Management System
4. PDCA Approach

5. Quality Policy

6. Quality Objectives and KPIs

7. Players in QMS

- ISO 9001:2015 Clauses and Explanations

2nd Day:

- Workshop

1. Context of the organization

2. Risk Management: Identification and Analysis

3. Stakeholder Management

4. Non-Conformities – Case Analysis

5. Auditing

PICE Qatar and the Filipino Association of Materials Engineers (FAME) in cooperation with Arab Center for Engineering Studies (ACES) Laboratory jointly carried-out a two-day professional development event dubbed as "Seminar / Workshop on Microtunneling, Materials Mix Designs with Actual Laboratory Workshops on Testing and Procedures" on December 7 and December 14, 2018. This was attended by 40 active members of PICE Qatar.

The first day of the seminar/workshop held at Warwick Doha Hotel saw Engr. Edgar Domingcil of PICE Q and FAME giving lectures on Material Testing and Procedures as well as Mix Designing and Trial Mixing for both Asphalt and Portland Cement Concrete Pavements from 8:00 AM to 2:30

Seminar / Workshop on Microtunneling, Materials Mix Designs held

Alfonso Betita

PM. Engr. Alfonso Belito C. Betita then took his turn to speak about Pipe Jacking operation drawing his lectures from his previous experiences as the main man in-charge of successful first pipejacking works undertaken below the runway of the Ninoy Aquino International Airport way back in 1995. He also gave pointers on the different method of concrete pipe casting including that of concrete "Spun Pipes".

The second day of the seminar/workshop took place at ACES Laboratory located in the Industrial Area. Attendees were taken by bus to the area in the morning of December 14. At the laboratory, the attendees were given a briefing by

the Laboratory Staff headed by Engr. Ruel Reyes of ACES before engaging in the day-long facility tour wherein functions of different apparatus as well as different standard test procedures were explained. Engr. Betita for his part did the parallel explanation on the objective of each test process, the relevance and importance of such in the design and actual construction works.

At the end of the seminar/workshop, each of the attendees was given certificates of attendance by both PICE Qatar and ACES. Each speaker also received a certificate of appreciation from PICE Qatar from PICE Qatar and mementos from ACES.

PICE Qatar Successfully hosted a four-day Seminar/Workshop on BIM

Elenie Nicomedes

The seminar/workshop on Building Information Modelling (BIM) using Autodesk® Revit® Software for Civil Engineers under PICE Qatar's committee on Continuing Professional Advancement (COCPA) was deemed a successful event that was accomplished last 14 December,

2018. It was considered a year ender activity held at Oryx Rotana Hotel, Doha on the 1st day and at Warwick Hotel Doha during the succeeding three Fridays that follows.

The resource speaker for this event was no other than Engr. Anthony Q. Patino who is a civil engineer graduated at Saint Louis College of

Tuguegarao City with honors, a Government Scholar under the CHED for five school years who also placed 9th on the Civil Engineers Board Examination given by PRC.

There were 24 civil engineers who participated and earned a massive 22 CPD units for the said four-day seminar workshop. These CPD units earned by the participants can be used in renewing the PRC professional ID licenses and also in the application for AER, ACPE and APEC.

PICE QATAR UPDATES

Two PICE Qatar Members as Newly Approved Life Members

Emmanuel Boceta

Two PICE Qatar members who filed their applications for Life Membership to the PICE National Chapter were formally approved by the PICE National 2018 Board of Directors on November 24, 2018. They are as follows:

- **Engr. Anthony A. Suribas - Life Membership No. 9204**
- **Engr. Marvin C. Quiocho - Life Membership No. 9205**

The PICE Qatar Chapter, thru the Committee on Life Membership and Specialist Applications (CoLSA), encourages every qualified member to prepare and submit their application for PICE Life Membership and avail of assistance in upgrading and leveling up with their competencies to be recognized in the ASEAN arena as well as in the international world of engineering professionals.

PICE Qatar 2nd Tree Planting Activity

Emmanuel Boceta

The Philippine Institute of Civil Engineers (PICE) Qatar Chapter in cooperation with Qur'anic

Botanic Garden (QBG), a member of Qatar Foundation (QF) held its 2nd Tree Planting Activity on December 14, 2018, Friday. There are a total of 52 trees planted within the premises of the Education City Stadium as part of QBG's annual 'Ghars' tree planting campaign and was attended by more than 80 people.

PICE, in general, has the following core values: Professionalism, Integrity, Leadership, Excellence and Social Responsibility. The Tree Planting Activity of PICE Qatar Chapter in partnership with Qur'anic Botanic Garden (QBG) within the auspices of Qatar Foundation essentially aims to address the Social Responsibility category.



The activity serves also as an avenue for delivering one of the primary objectives of the PICE Qatar Chapter which is to 'to present a visible symbol identifying the Civil Engineers in Qatar by affiliating and reintegrating our organizations who have similar, if not the same, common goals as professionals in the field of engineering.'

Mr. Mohamed Hassona, Horticulturist and representative of the Qur'anic Botanic Garden (QBG) acknowledged PICE Qatar Chapter's effort to support and

promote its initiative on building a sustainable community by doing the tree planting activities to increase Qatar green spaces.

The activity was spearheaded by the Committee on PICE-Qatar Affairs (CoPA) together with BOD-EXECOMM 2018.



COPI Plans for 2019

John Cromwell Esclanda

Committee on Publication and Information (COPI) sets its plan for the year 2019 which will be submitted during the first 2019 PICE Qatar EXECOMM meeting on January 4, 2019 at Oryx Rotana Hotel, Doha, Qatar. A new set of PICE Qatar Newsletter staff will be formed by 2019 BOD-Elect and COPI Chairman Jerick A. Lising.

COPI targets to have a regular monthly issue for the whole year of 2019. Furthermore, three special issues are also targeted to be released for the following events: Induction of 2019 Board of Directors (Feb. 2019), PICE Qatar Foundation Day (May 2019), and General Assembly (Nov. 2019).

Full committee plan will be rolled out on the 2019 Maiden Issue of PICE Qatar Newsletter.

PICE Qatar Failed in Best Celebrated CE Month Quest

Alfonso Betita

PICE Qatar fails to secure the Best Celebrated Civil Engineering Month Award for 2018 during the 81st Founding Anniversary Celebration and Christmas Fellowship of PICE National held last December 2018 at Hilton Manila - Newport Blvd, Pasay City, Metro Manila, Philippines. This was revealed on the

same day by Engr. Luisito Carlos who was representing PICE Qatar on the said event.

The award eventually goes to PICE Cebu Chapter, while Quezon City Chapter placed as Runner Up.

This was just after PICE Qatar bagged the coveted 2018 PICE National's "International" Award for

Most Outstanding Chapter, Most Outstanding Community Project and Most Outstanding Newsletter just a few months ago.

Despite this temporary set-back, however, PICE Qatar under the stewardship of Engr. Helario Amoguis, PICE Q President-Elect 2019 promised to come back stronger during his term. The new International Award Committee (IAC) to be headed by the 2nd VP, Engr. Elvin Fajutagana was given the task to start the preparation for these awards at the early stage of the year 2019.

TECHNICAL SECTION

NOTIONAL LOADS: A COMPARISON OF DIFFERENT CODE PARAMETERS

by **Engr. Alden P. Cayaga**, ACPEng, ASEAN Eng., M.ASEP

1. INTRODUCTION

In structural engineering, the term Notional Loads describes the minimum lateral load to account for any inaccuracies and imperfections introduced into the structure during its construction. For the layman, it is the out-of-plumbness or the out-of-straightness of a particular element.

Due to the relative deviation of the structure, the applied vertical loads will induce a minimal lateral load which can be calculated as a small percentage from the applied vertical.

In practice, Notional Loads are usually applied to concrete and steel structures for stability design requirement. For deviations which exceeds the allowed tolerances, it is generally advised to model the actual discrepancy of a structure and run the analysis.

However, for structures that are within acceptable tolerances, it would be easier to adjust the loading on a structure which would be quicker to get the results instead of modifying the structural model.

Most of the time these Notional Loads are not applied, especially if we already applied to our structure the lateral loads such as wind and seismic to our structure, which are more critical in comparison with the minimum requirement of the codes.

2. OBJECTIVES

The main objective of this short technical guidance is to compare the different implementation of notional loads based on different codes and standards typically used in structural design and analysis.

3. CODE PARAMETERS COMPARISON

3.1 ASCE 7-10: Minimum Design Loads for Buildings and Other Structures

Shown below is the excerpt from the code with reference to the minimum lateral load parameters described in Section 1.4 of the code.

Minimum design lateral force applied at a story, F_x is given by the equation -

$$F_x = 0.01 W_x$$

where W_x is the portion of the total dead load of the structure.

For any other elements tied to the remainder of the structure, a minimum lateral force of not less than 5% of the portion's weight must be applied for stability design.

3.2 ACI 318M-11: Building Code Requirement for Structural

Concrete

There is no provision in the ACI code with regards to notional horizontal loads.

The ACI 318 code primarily focuses on a magnified moment method to approximate second order effects in concrete frame structures.

Note that the equations for the slenderness effects in compression members already account for a 5% increase in moments due to slenderness. As per related commentary R10.10.1 -

"Second-order effects in many structures are negligible. In these cases, it is not necessary to consider slenderness effects and compression members can be designed based on forces determined from first-order analyses. Slenderness effects can be neglected in both braced and unbraced systems depending on the kl_u/r of the member. In evaluation of unbraced systems, moments are based on first order elastic analysis."

3.3 ANSI/AISC 360-05: Specification for Structural Steel Buildings

Sections 7.2 and 7.3 describes Notional Loads and the equation to be applied independently in two orthogonal directions as lateral load.

$$N_i = 0.002 Y_i$$

where

N_i = notional lateral load applied at level i , kips (N)

Y_i = gravity load from the LRFD load combination or 1.6 times the ASD load combination applied at level i , kips (N)

Note that the notional load coefficient of 0.002 is based on an assumed initial story out-of-plumbness ratio of 1/500.

3.4 Eurocode Standard BS EN 1991-1-6: Actions on structures Part 1-6

In Eurocode 1991-1-6 within Annex A, clause A1.3, the magnitude of the notional load is calculated as 3% of the vertical loads from the worst case load combination for a given structure and is adopted for all structures regardless of the material they have been constructed from.

3.5 BS 8110-1:1997 Structural Use of Concrete

Shown is the excerpt from the code under Section 3.1.4.2 -

"All buildings should be capable of resisting a notional design ultimate horizontal load applied at each floor or roof level simultaneously equal to 1.5% of the characteristic dead weight of the structure between mid-height of the storey below and either mid-height of the storey above or the roof surface [i.e. the design ultimate wind load should not be taken as less than this value when considering load combinations 2 or 3 (see 2.4.3.1)]."

3.6 BS 5950-1:2000 Structural Use of Steelwork in Building

Under Section 2.4.2.4 - Notional horizontal forces are taken as a minimum of 0.5% of the factored vertical dead and imposed loads applied at the same level to allow for the effects of practical imperfections and applied to all structures.

"The notional horizontal forces should be assumed to act in any one direction at a time and should be applied at each roof and floor level or their equivalent. They should also be taken as acting simultaneously with the factored vertical dead and imposed loads (load combination 1, see 2.4.1.2)."

Load Combination 1: Dead Load and Imposed Load (gravity loads)

4. SUMMARY

To summarize, the table below gives the comparison of notional load values based on the different code parameters.

Code	Notional Load Value
ASCE 7	1% of the dead load of the structure
ANSI/AISC 360	0.2% of the total gravity load
EC 1991-1-6	3% of the vertical loads from the worst case load combination
BS 8110	1.5% of the characteristic dead weight
BS 5950	Default value of 0.5% of the factored dead and imposed loads

SAFETY CORNER

Meliza Ortiguerra

Safety Meme

What is a meme?

The official definition is: *A meme (/ˈmiːm/ meem) is "an idea, behavior, or style that spreads from person to person within a culture".* It could include a captioned image, a hyperlink, a video or even a hashtag. Examples have included the recent planking craze or the Harlem shuffle videos – both of which resulted in people losing their jobs due to breaching safety rules whilst filming.



For many years safety fail videos and pictures have very popular, perhaps for all the wrong reasons. We don't agree with the use of safety memes and other voyeuristic techniques as, although they may create awareness and get the attention they can lead to **desensitization**.

What is desensitization?

In psychology, desensitization is defined as the diminished emotional responsiveness to a negative, aversive or positive stimulus after repeated exposure to it. It also occurs when an emotional response is repeatedly evoked in situations in which the action tendency that is associated with the emotion proves irrelevant or unnecessary.

Since safety seems to have a culture of its own, then it makes sense that safety memes will flood Facebook, the internet and training presentations. Oh well, if you can beat them, join them. Please carefully consider what you do with these and the long term harm they may cause.

A Case of Desensitization – What Would You Do?

There is no doubt that fear is attractive, not to experience first-hand, but to observe voyeuristically. The popularity of the TV show Fear Factor is evidence of this. There is also a popular trend in the safety industry of parading before people the stories of others who have suffered in an accident. It seems a bizarre methodology that believes that 'war stories' are of themselves an effective instructional tool.

We can learn something from this voyeuristic interest in fear, particularly with regard to how people become desensitized to it. Desensitization is simply the diminishing of emotional response to something. An understanding of the psychology of desensitization and automaticity is a most helpful start for safety leaders in learning how to manage and recognize complacency. The number one cause of fatalities in the industry is not failures in technology, legislation or systems, it's complacency. This is not a statement about personal blame rather, a statement of reality of what it is to be human.

It doesn't matter whether it's about marriage, friendships, a new car or a memorable journey, we eventually 'take for granted' our experiences as a nature of human psychology. Now, it's important to realize that desensitization is not neutral, it's neither always bad nor good. Indeed, techniques of desensitization are often used to help people overcome irrational fears or addictions. Repeated exposure is a technique for helping people and animals overcome all nature of fears, an example, this is how they work with horses to accept the fear of getting into a racing barrier and even then we see many horses struggle with that experience.

We can also learn much from the study of phobias in themselves, that is, the misattribution of fear to a risk. Both swings of the emotional pendulum (phobia and desensitization) need to be understood if we want to influence the attribution of risk in the workplace.

We can also learn much from the study of phobias in themselves, that is, the misattribution of fear to a risk. Both swings of the emotional pendulum (phobia and desensitization) need to be understood if we want to influence the attribution of risk in the workplace.

The more we understand the process of desensitization, the better we can prepare for, and intervene in, the mechanisms that support complacency. This is where skill development in observations is so important. We need to be skilled in recognizing when humans function on automatic and when their senses have been desensitized to risk. We can't do this unless we become adept at observing and speaking in 'workspace', 'headspace' and 'group space'.

We need to know what kind of environment, culture, and climate are most conducive to desensitization and complacency. This is partially what Karl E. Weick (American organizational theorist) means when he speaks about 'managing the unexpected'. We can't do this without some skill development in observation and conversation. No system or checklist is going to help detect climate, environment or culture, cultural assessment is very much a human observation task.

The human attraction for high-risk items goes back to the days of Adam and Eve and is immediately obvious in today's society. So if that is normal human behavior why are we working against ourselves when trying to improve safety?

Surely the more we try and control human behavior by forbidding things (with procedures, legislation, punishments, zero harm, stupid slogans etc.) the more we are demoralizing them and encouraging people to desire those things and to do them if and when they can get away with it! I think that is called Intrinsic Motivation?

Why Do We Love Stupid Safety Photos?

In the world of safety management, why do we find it so appealing to watch videos or photos of people committing unsafe acts and doing stupid things at home or work? We, safety management professionals, laugh at photos on free sites like www.safetyphoto.co.uk.



Some photos that make us laugh might include:

- Two haphazardly built scaffolds support a horizontal ladder, and a vertical ladder is added on top of the teetering stack to reach a window.
- A third world construction worker wearing a piece of sponge rubber on his head like a hard (soft) hat

- A contractor is cutting a large concrete block in half on top of a skid-loader fork and not using safety goggles
- A small sedan drives down the shoulder of a road with eight-foot boards resting horizontally on each back window, the boards extending three feet beyond the width of the car

Does laughing at such photos make us horrible, evil people, or is it naturally in our human makeup to laugh when someone gets hurt?

We are exposed to a vast array of knowledge and experiences, all which lead us to develop common sense. Development of common sense as a skill set naturally occurs within a time frame leading up to adulthood. Studies have shown that most people develop the common sense necessary to safely conduct themselves in everyday life by the age of 25. Prices of insurance decrease for 25-year old drivers, car rentals are open 25-year olds, and 25-year old individuals are expected to act with decorum. So, for anyone over the age of 25 to act without common sense seems a little silly, and any actions in which an adult does not use valid reasoning become laughable.

Therefore, in videos and pictures in which adults do not think through their actions and in which they put themselves and others in danger, the general public and safety officials alike laugh at the thoughtless actions, not because we are evil but because the actions being contemplated are laughably stupid. Really, who would think to lift a scaffold up with a tractor to gain seven feet rather than build a proper scaffold? What do they think is going to happen? Someone is obviously going to get hurt – common sense tells us that.

We, of course, do not want to see individuals get hurt, but the jimmy-rigged setups inspire laughter all the same. In spite of all the safety rules and regulations in place because people have been injured before attempting similar shortcuts, some adult (someone who should know better) has decided to bypass the rules and regulations to shave a little time off the clock. This seems a little ridiculous to us, people with common sense and safety management experience, to risk a life for laziness or to save time, all when safety precautions are free to employees and only take a little time to ensure safety.

So, thankfully, we are not evil and humankind was not created to laugh at the expense of others. It is our common sense that drives us to laugh at not-so-smart time-saving ideas that may exist in our very businesses. Oh, and to make that mental note to discuss such laughable attempts with field managers as examples to watch for in our own employees' occasional common sense by-pass.

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Safety matters

PICE QATAR EVENTS & FACES



PICE Qatar Committee Christmas Party



Seminar / Workshop on Microtunneling and Materials Mix Designs



Newsletter Photos are taken by:

- * Alfonso Belito Betita
- * Henrik Gal De Ocampo
- * Newcesar Templonuevo
- * Johnson Sanchez
- * Edgar Domingcil



PICE QATAR EVENTS & FACES



PICE Qatar 2nd Tree Planting Activity



You are cordially invited to witness the.....



PHILIPPINE INSTITUTE OF CIVIL ENGINEERS
QATAR CHAPTER
INTERNATIONAL CHARTER NO. I-03



INDUCTION OF 2019 BOARD OF DIRECTORS

Recognition of Committee Members & Oath-taking of New Members

Theme: "Civil Engineers at the Forefront of a Progressive and Challenging World"

Registration: 8:00AM to 9:00AM
Program Proper: 9:00AM to 3:00PM
February 8, 2019 (Friday) at Oryx Rotana Doha, Old Airport Road, Doha, State of Qatar
Ticket Price: 150 QAR

You can avail and pay the tickets every Sundays at Big Diners Al Mansoura, Wednesdays at FCC Al Thumama, and Fridays at Oryx Rotana.



SIDELINES

By: Engr. Alfonso Belito C. Betita, PE M.ASCE
2018 PICE Qatar Newsletter Editor-In-Chief

Comes January 1, 2019, my term as 2nd Vice President of PICE Qatar expires. What's left will be memories of a challenging year of 2018. Yes, we've been through a lot of ups and downs, and storms that we were able to sail through. We withered that storm and came out as strong as ever. Thanks to the leadership of Engr. Aileen A. Buenaflor.....I am proud to be part of your team.

After this December 2018 issue of PICE Qatar Newsletter, SIDELINES will be a history as I choose to park my pen and give chance to younger writers and leaders that will take over the helm of the official publication – the PICE Qatar Newsletter. Nevertheless, I will still be around in my capacity as an adviser. As the saying goes, "old soldiers never die, they just fade away".

Therefore, let me personally thank those who worked with me in the editorial staff of our publication. The men and women who served and worked hard to put the PICE Qatar Newsletter on top, winning the most outstanding newsletter award once again for 2018 after receiving similar accolades in year 2017.

On the front row are Engr. Alden Cayaga, Engr. Melisa Ortiguerra, Engr. Russel Flores, Engr. Jerick Lising, Engr.

Christine Diosan, Engr. Belinda Dela Cruz, Engr. Buddy Badua, Engr. Luisito Carlos, Engr. Henrik Gal De Ocampo, Engr. Danny Chan and Engr. Aurora Asda.

Sure, we cannot do it without Engr. Jeff Cimagala, Engr. Newcesar Templonuevo, Engr. Kat Magsino, Engr. John Cromwell Esclanda, Engr. Johnson Sachedz and Engr. Elenie Nicomedes.

Also to our advisers, Engr. Roy Baquiran and Engr. Ronald Nilo.

Surely, I will miss our monthly COPI Talks in Al Bidda Park.

I also would like to take this opportunity to thank two of my trusted colleagues who are very instrumental in winning almost all the available awards for grab in the PICE National "International" Awards 2018, namely: Most Outstanding International Chapter, Most Outstanding Community Project and Most Outstanding Newsletter. They are members of the International Awards Committee 2019 that I also headed, Engr. Christine Diosan and Engr. Jerick Lising.

Also, thanks to all BODs and Committee chairs who supported us with back up information and photographs that serves as evidences of our claims / entry to the awards.

As the 2018 BODs headed by Engr. Aileen A. Buenaflor bows out of the limelight, they left behind a legacy and fate that will be difficult to duplicate. Getting the triple feat.....the most outstanding chapter, the most outstanding community project and the most outstanding newsletter award for this year is a challenge that was raised and accepted.

A new set of officers headed by Engr. Helario Amoguis will take over the leadership of the organization starting January 1, 2019. While we congratulate and welcome the BOD 2019, we are once again counting the support of the General Membership in looking for another successful and fruitful year of 2019 for the organization and the Civil Engineering Profession.

I have the honor of being the resource speaker of the first seminar/workshop of 2019. On February 15 and 22, me and my colleague from Galfar AL Misnad, Mr. Panchanathan Raja will give pointers on Quality Assurance and Quality Control.

Attendees are expected to gain a lot from this seminar/workshop especially that one of the speakers, Mr. Panchanathan Raja previously worked for a certification body. So what are you waiting for?

NOW PHILIPPINES

Luisito Carlos

Bulacan State University's Benefactors' Day 2018



In celebration of Bulacan State University's 114th Founding Anniversary and Silver Jubilee as a State University, the university recognized all their scholarship sponsors and benefactors. The awards were given during the Benefactors' Day on December 18, 2018 in Malolos, Bulacan.

Recognitions were given to twenty-five (25) individuals and organizations from the government sector and forty-two (42) individuals, organizations and companies from the private sector including the **Philippine Institute of Civil Engineers (PICE) Qatar Chapter**, represented by yours truly.

The awards were presented by **Mr. Joseph Roy F. Celestino**, Dean of Student Affairs and Services and **Ms. Elenita P. Galvez**, Head of The Office of Students Financial Assistance and Scholarship (OSFAS).

The university president **Dr. Cecilia S. Navasero-Gascon** delivered her inspirational message including the one from Guest Speaker **Dr. Kim Sin Ongkauko**, Chairman of New Zealand Creamery.

The Office of Students Financial Assistance and Scholarship (OSFAS), headed by Ms. Elenita P. Galvez, is the primary venue of the university

scholarships, grants, and financial assistance services to intellectually qualified, underprivileged, indigent but deserving students. The office classifies the differences between scholarship, grants and financial assistance such as:

Scholarships are awarded based on specific criteria for students. They should qualify on a stringent process required by the grantee. It is necessary that the awardees should maintain and manifest consistent excellent academic standing to uphold to the scholarship. It usually reflects the values, goals, and purposes of the grantee.

Grants are usually conditional upon certain qualifications as to the purpose, upholding of specified standards, or a proportional contribution by the grantee or another grantor (s). A grant or payment made to



support a student's education, awarded on the basis of academic or other achievement such as sports, cultural inclination, and the arts.

Financial Assistance or Financial Aids are given by a company or an organization for the purchase of its shares or those of its holding companies. It is in compliance with the company's corporate social responsibility like: **Funding for science**, the provision of financing for scientific research projects. **Welfare**, financial aid by (primarily) governmental institutions or charitable organizations to individuals in need a **Subsidy / Student Financial Aid** funding intended to help students pay educational expenses.

Source/s:

BulSU Office of Students Financial Assistance and Scholarship (OSFAS).

Author's Personal Accounts of the Event.



FINANCIAL LITERACY

Felipe Catinoy

FINANCIAL PLAN

Financial Goal	Budget	Time frame
Matiwasay na retirement	Php50,000 per month	25 years from now
Bahay	Php1.5 million	10 years from now
Mapagtapos ang mga anak	Php1.2 million	8 to 12 years from now

(employment), negosyo at investments.

Sa darating na bagong taon nakagawian nating mga Pilipino ang gumawa ng New Year's Resolution. Kadalasan hindi natin binibigyan ng malaking atensyon ang paggawa ng FINANCIAL PLAN. Aminin 'man natin o sa hindi, nakatuon ang ating atensyon sa pagpapapayat at iba pang physical improvements. Pero isa ang ating kalusugan sa dapat nating bigyan ang tamang atensyon sa ating New Year's Resolution.

Nahihirapan marahil tayo gumawa ng Financial Plan dahil hindi natin nababantayan ang ating "cashflow" monthly na kung saan ito ang ating basehan sa paggawa ng plano.

Kung wala pa tayong "Financial Plan", mangyari po na bisitahin ang website ni G. Vince Rapisura for reference. (www.vincerapisura.com)

Base kay Vince, ito ang limang hakbang na dapat sundin sa paggawa ng financial plan.

3. Decide on time-frame and budget

Ang budget sa financial goals ay ang kaakibat na gastos upang matustusan ang financial goal. Halimbawa, sa financial goal na magkaroon ng matiwasay na retirement, ang mga sumusunod ay kailangang lagyan ng budget upang matupad ito: budget sa pang-araw-araw na gastusin tulad ng pagkain, gamot, tubig, kuryente at budget sa bakasyon dalawang beses sa isang taon.

Ang gastos ay nagpapakita ng ating napiling pamumuhay o lifestyle dahil bawat kilos ngayon ay may kaakibat nang gastusin. Ang mas simpleng pamumuhay ay nangangailangan ng mas maliit na gastos, kaya mas maliit din ang kinakailangang paghandaang budget para dito.

Susumahin ang mga gastos upang magkaroon ng budget sa bawat natukoy na financial goal. Pagkatapos

Halimbawa, sa retirement financial goal, maaring pagkunan ang SSS at rental property ang bahagi nito na tutustos sa pangaraw-araw na pangangailangan.

Mahalaga na matutong mag-invest nang maaga dahil ito ang isa epektibong paraan ng pagkakaroon ng karagdang kita. Ganun din sa pagnenegosyo. Ang pinakamaigi ay maglaan ng bahagi ng suweldo sa pagtatrabaho para sa pagi-invest o kaya naman ay sa negosyo.

5. Implementing and monitoring your progress

Para makamit ang retirement financial goal, kinakailangang magtrabaho o magnegosyo para may panghulog sa SSS at magpatayo ng apartments para naman magkaroon ng rental income.

Kinakailangang gumawa ng action guide kung papaanong magkaroon ng kapital sa pagpapatayo ng apartment. Malaki ang gagampanan ng pagkakaroon ng trabaho para dito.

Isa lamang itong halimbawa. Ang dalawang nahuling hakbang sa financial planning ang pinakamahirap dahil kinakailangang ang diskarte at pagiging malikhain upang matupad ang pinapangarap mong financial goals.

Kapag nailatag na ang plano, mas madali nang gumawa ng desisyon at pumili ng iyong mga gagawin araw-araw. Ito ang magiging gabay mo sa mga gagawin mo sa bawat pagbangon.

Hindi maganda ang isang financial plan kung ang pakiramdam mo pagkatapos nito ay dagdag pahirap kaysa ginhawa.

Kaya kinakailangang ang plano mo ay maging source ng inspiration at moitivation.

Laging tandaan, "If you fail to plan, you plan to fail."

Enjoy planning fellow Civil Engineers!

Priority	Financial Goal	Purpose
1	Matiwasay na retirement	Magandang pamumuhay na hindi inaalala ang pang-araw araw na gastusin at magkaroon ng quality time kasama ang pamilya at mga kaibigan
2	Bahay	Magkaroon ng sense of security at maipapamana sa mga anak
3	Mapagtapos ang mga anak	Magampanan ang responsibilidad at source ng pride bilang magulang

1. Financial Starting Point

Sa bawat pagpa-plano mahalagang malaman natin kung saan tayo nagsisimula. Ito ay maituturing na pagsusuri o diagnostics sa personal finance level ng isang tao.

Mahalagang malaman ng isang tao ang kaniyang financial life stage upang matukoy kung anu-ano pa ang mga kinakailangang paghandaan upang maabot ang financial freedom. Para malaman ang financial life stage, kailangan nating isulat ang mga kita (income) at gastos (expenses).

2. Set financial goals and priorities

"Ano ang magpapaligaya sa iyo?" Ito ang tanong na dapat mong sagutin kung ikaw ay gumagawa ng financial goals. Dahil iba-iba tayo ng kaligayahan, iba-iba ang lalabas na financial goals.

1Ang tatlong karaniwang financial goals: (1) matiwasay na retirement; (2) magkaroon ng bahay; (3) mapagtapos ang mga anak.

nito ay susuriin kung kailan maaring matpad ang financial goal. Ang tawag dito ay time-frame.

4. Match financial goals with source of income

Financial Goal	Budget	Source of Income
Matiwasay na retirement	Php50,000 per month	Php 15,000 from SSS Php 35,000 from rental income

Matapos magkaroon ng budget, kinakailangan na itong hanapan ng mapagkukunang kita o source of income. Mayroon tayong tatlong klase ng source of income: trabaho

Source of Income	Action Guide
Php 15,000 from SSS	<ul style="list-style-type: none"> Patuloy na magbigay ng maximum contribution sa SSS
Php 35,000 from rental income	<ul style="list-style-type: none"> Maglaan ng 10% galing sa suweldo para makaipon ng pang-down payment sa rental property Humanap ng iba pang pagkakakitaan o sideline para mapabilis ang pagiipon sa down payment Magpursigi sa trabaho para mabigyan ng prioridad sa housing loan ng kumpanya na gagamitin pampagawa ng rental property Mag-apply sa PagIBIG ng housing loan na gagawing parentahan

POTPOURRI

Danny Chan

Blessing in Disguise

When receiving a blessing or facing what seems like a misfortune, I always try to remind myself of the old Chinese parable "The Old Man and His Horse." We never know that what looks like a blessing may be a source of misfortune or that misfortune may be a blessing in disguise.

The Old Man and his Horse



Once there was an old man who lived in a tiny village. Although poor, he was envied by all, for he owned a beautiful white horse. People offered to buy the horse, but the old man always refused. "This horse is not for sale," he would tell them. "He is a friend, not a possession". The man was poor and the temptation was great. But he never sold the horse.

One morning he found that the horse was not in his stable. All the village came to see him. "You old fool," they scoffed, "we warned you that someone would steal your horse. You could have sold him for whatever price you wanted. Now the horse is gone and you've been cursed with misfortune."

The old man responded, "Don't speak too quickly. Say only that the horse is not in the stable. That is all we know; the rest is judgment. If I've been cursed or not, how can you know? How can you judge?"

The people contested, "Don't make us out to be fools! The simple fact that your horse is gone is a curse." The old man spoke again. "Whether it be a curse or a blessing, I can't say. Who can say what will come next?"

The people of the village laughed. They thought that the man was crazy; if he wasn't, he would have sold the horse and lived off the money. Now he had proven that he was, indeed, a fool.

After fifteen days, the horse returned from the forest and brought a dozen wild horses with him. Once again, the village people gathered and spoke. "Old man, you were right. What we thought was a curse was a blessing. Please forgive us."

The man responded, "Say only that the horse is back and a dozen horses returned with him, but don't judge. How do you know if this is a blessing or not? Unless you know the whole story, how can you judge?"

"Maybe the old man is right," the village people said to one another. But deep down, they knew he was wrong. They knew it was a blessing. The twelve wild horses could be trained and sold for much money.

The old man had a son, an only son. The young man began to tame the wild horses. After a few days, he fell from one of the horses and broke both legs. Once again the villagers gathered

around the old man and cast their judgments. "You were right," they said. "The dozen horses were not a blessing. They were a curse. Your only son has broken both his legs and now in your old age, you have no one to help you. Now you are poorer than ever."

The old man spoke again. "Don't go so far. Say only that my son broke his legs. Who knows if it is a blessing or a curse? No one knows."

It so happened that a few weeks later the country engaged in war. All the young men of the village were required to join the army. Only the injured son of the old man was excluded. Once again the people gathered around the old man, crying and screaming because their sons had been taken and there was little chance

We never know that what looks like a blessing may be a source of misfortune or that a misfortune

that they would return. "You were right, old man," they wept. "Your son's accident was a blessing. His legs may be broken, but at least he is with you. Our sons are gone forever."

The old man spoke again. "Say only this. Your sons had to go to war, and mine did not. No one knows if it is a blessing or a curse. No one is wise enough to know. Only God knows.

X-BOX

Russel Flores

Requiem

"Take down the walls. Otherwise, you must live closely, in fear, building barricades against the unknown, saying prayers against the darkness, speaking verse of terror and tightness." (Lauren Oliver)

We are about to end another fruitful year capped with the recognition from PICE National – Best Newsletter (International Chapter) for the second consecutive year. Approaching another crossroad where the path of 2018 ends and the paths to 2019 begin.

To be in line with the current trend during year-ends, I would like to

reminisce on the path that leads us to where we are. Let me take this opportunity to have this column be my requiem to the team and allow me to take another year further. The vision of taking the "Newsletter" to new heights started with the dream of making it to the best chapter award. I still clearly recall how we prepared to present the idea of reinvigorating the "newsletter" to the PICE Qatar 2017 BOD at the Dairy Queen.

Engr. Alden and I, along with then CoPI chairman Felipe and PP Ron met a few kinks, most notably getting the support of other colleagues to come up with a monthly issue. We were advised to publish the newsletter on a quarterly basis. However, our determination won their hearts and

was given the go signal to come up with monthly issues. To be able to fund the print-outs and scout more talents are the next mountains to scale. For the latter, we did not look further, we urge the core of our predecessor – The Tekton (Engrs. Lito Betita, Vivencio Badua, Luisito Carlos, and Jeffrey Cimagala), to join us and continue what they started.

With the team assembled (see January 2017 issue), we started on a very bright note and in high spirit. Each month, it is very astonishing to note the effort of each team – how each labored to come up with a better issue than the previous month.

Continue on Page 16

PICE QATAR UPDATES

*Requiem...
Continued from Page 15*

At the end of 2017, we had very surprising news – our first Jewel which rewarded our efforts.

Following the eventful year of 2017 is a daunting task for the 2018 team. With the very able hands of the new Editor in Chief – Engr. Lito Betita, we were confident that we could take the newsletter to a higher level. The year started with a workshop to prepare the team (sharpen the pen!). For the year, the team were able to publish at earlier dates and came up with side events such as the webcast and weekly contest to encourage membership awareness. As everyone knows by now, we won the best International Newsletter award.

Lastly, may I take this opportunity to congratulate everyone for the support to the Newsletter – from the writers, photographers, editors and to our dear readers! May we reach higher in 2019!

W	O	R	L	E	I	C	B	L	I	S	A	F	E	T	Y	S	P	A	F
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Word Hunt by: Engr. Belinda E. Dela Cruz

PICE Qatar Newsletter's MAN OF THE MONTH

Alfonso Betita



Engr. AUSHFORD ODCHIMAR ACERA

Our featured man of the month for our last newsletter issue of the year 2018 hails from the Southern City of Cagayan De Oro in the Island of Mindanao, Philippines. He was born on November 24, 1981.

Engr. Aushford is a product of Mindanao University of Science and Technology from where he earned his bachelor's degree in civil engineering way back in March 2003. He is a

registered civil engineer with the Professional Regulation Commission in the Philippines and the Ministry of Municipality and Environment (MME) in Qatar and is currently the PICE Qatar's Ad hoc Committee Chairman for the Continuing Professional Development.

Aside from being an active member of PICE Qatar, he is also a technical member of the Philippine Institute of Certified Quantity Surveyors in Qatar.

Aushford is a veteran in construction management having 14 years' experience in the field of Construction Supervision, Quantity Surveying and Project Management on various EPC (Engineering, Procurement, and Construction) projects. He started off as a project engineer for Jejoy's Construction Corporation in Cagayan De Oro for the 210 MWnet Coal-Fired Power Plant Project from 2004 to 2006. He then got engaged with Taisei Philippine Construction, Inc. in various capacities beginning in 2006 to 2009 as Site Engineer/Supervisor for the Mindanao 210 MWnet Coal-Fired Power Plant; QA/QC Engineer at ROHM Electronics Philippines (LSI 3 Factory Project) in Carmona, Cavite, Philippines; QA/QC Engineer at Toyota Autoparts R150 Transmission Building Project, Sta. Rosa, Laguna, Philippines; Site Engineer / Supervisor at Pilipinas

Kao, Inc. (Tertiary Amine 2 Project), Jasaan, Misamis Oriental, Philippines; Site Engineer/QC Engineer at Japanese Bank for International Corporation (Office Renovation), Makati City, Philippines and; Site Engineer or QA/QC Engineer at Fujitsu Computer Products Corporation Philippines (Administration Building Renovation, lifter, elevator projects, and covered walkway), Makati City, Philippines.

His career abroad took off on March 25, 2009, when he landed a job as Quantity Surveyor/Civil Engineer for Ultra Construction and Engineering Co., Ltd. in their ASGHAL's Doha North Sewerage Treatment Plant and Associated Works Project in Doha, Qatar. In November 2014, he was hired by Al Ahli Engineering Co. WLL for various projects including the G+4 Premier Inn Hotel at Doha Education City as Civil Engineer/Quantity Surveyor and Doha Grand Parks (Al Bidda Parks) Underground Carparks, 1,2,3A & 3B as Senior Quantity Surveyor. Currently, he is serving as Estimation Engineer for the Tender and Estimation of the same company.

Aushford is an Aikido practitioner and a protégé of Sensei Ronald Nilo, one of PICE Qatar's Past Presidents. He also loves to play badminton and table tennis.



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QATAR CHAPTER**

International Charter No. I-03
PO Box No 30628 Doha, State of Qatar
Email us at: info@piceqatar.com

Website: www.piceqatar.com
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