



PICE Qatar NEWSLETTER

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

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SEPTEMBER 2017 ISSUE

Ground Breaking Ceremony Held; Construction Starts for the 4th Green School Building

Alfonso Betita



Engr. Pablismar Dela Cruz (PICE Q Representative), Mrs. Nelia Bardon (School Head) and Barangay Officials of Masarayao, Kananga, Leyte pose during the Ground Breaking for the 4th Green School Building last September 4, 2017.

PICE Qatar achieved an important milestone this September as it held the Memorandum of Agreement (MOA) signing and Ground-Breaking Ceremony for the 4th Green School Building Project (4th GSB) in Masarayao Elementary School, Barangay Masarayao, Kananga, Leyte last September 4, 2017. Engr. Pablismar Dela Cruz represented PICE Qatar on the said event where Mrs. Nelia Bardon, the school head, signed the MOA on behalf of the Department of Education.

The simple program to highlight the event was participated by the students and barangay officials where Engr. Dela Cruz also serves as the guest of honor.

The seed money for the 4th Building Project amounting to Php 294,111.00 came from the proceeds of Mid-Year Technical Conference (MYTC) initiated by Immediate Past President Gilbert Lorenzano and the 2016 BOD thru the Ad-hoc Committee on MYTC with Engr. Michael Maglalang as chairman; Members: Engr. Allen Nacario, Engr. Alden Cayaga, Mrs. Susana Nacario, Ex-Officio – Engr. Gilbert Lorenzano, and Adviser: Engr. Delfino De Leon. The MYTC is a joint venture of PICE Qatar Chapter, ASEP Regional Coordinating Committee –

Qatar, Filipino Association of Materials Engineer, Filipino Planning Engineers Association – Qatar and Philippine Institute of Certified Quantity Surveyors.

A total of Php 361,500.00 has been set aside for the construction of one classroom – single detached concrete building with the additional funding coming from the 5th Green School Building's initial fund.

Mrs. Nelia Bardon thru text messages, has expressed her and the community's appreciation of the PICE Qatar's effort in constructing the Green School Building in their Barangay since that they are in dire need of additional classrooms. Barangay Masarayao was one of the hardest hit barangays of the Typhoon Yolanda which destroyed the school buildings way back in November 2013. On July 6, 2017, the place was hit by a 6.5 magnitude earthquake which also rendered at least two classrooms unusable due to the damages it sustained.

Construction of the 4th GSB was carried out by 2017 BOD chaired by President Allen L. Nacario thru the 4th GSB Ad-hoc committee headed

by Chairman, Engr. Eric Reprima, and Engr. Elvin Fajutagana and Engr. Anthony Patino as members, Engr. Alfonso Belito Betita as Project Coordinator; with Engr. Arman Tolentino as Supervising Officer and Project Consultants, namely Engr. Luisito Carlos, Engr. Gilbert Lorenzano, Engr. Michael Maglalang, Engr. Delfino De Leon and Engr. Allen Nacario.

The schedule to complete the project was set at 30 days. But since that the construction was undertaken during the rainy season, delay in completion and handover of the project is expected. As of this writing, twenty-six (26) days have already elapsed as compared to the progress which was at 54 percent at the time

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EDITORIAL

The 4th Green School Building and the Long Arm of PICE Qatar

Alfonso Betita



The long helping arm of PICE Qatar reaches far beyond its home turf, finally reached the area of Masarayao, Kananga, Leyte to deliver the 4th Green School Building Project.

While government officials and critics are squabbling about their daily business of finding out the who's and what's, the officers of our beloved organization are also busy finding ways on how to help and ease the burden of our nation and its citizens. The Green School Building - a gesture of humanity by our organization towards our countrymen which however small it maybe will be forever cherished and appreciated by the people whose lives we touched. And who knows, maybe in one of the green school buildings that we built, there currently studies the future leader or leaders of our country?

There are lots of good humanitarian projects that our organization ventures into, but surely this Green School Building will go down as one of the most important. Why? It is because this project is intended for the youth - which according to our national hero, Dr. Jose P. Rizal, is "the hope of our nation".

The choice of place is excellent as it is one where children really need an additional study place. Located in the province of Leyte, Masarayao was severely affected by Yolanda - the typhoon that wreaked havoc in across our country, particularly in the Visayas region just a few years back. Back then, the roof of the Masarayao School Buildings blown away while the school buildings were severely damaged. Just recently, in the month of July 2017, an

earthquake hit the town of Kananga which rendered two classrooms unusable due to damages it sustained.

For the people of that village, the sudden arrival of PICE Qatar with a promise of constructing a 1 room - school building is a blessing. It came at a time when they needed it most.

Through the leadership of current PICE Q President, Engr. Allen L. Nacario, the concept of the 4th Green School Building is now a reality. A reality that is being built at the moment and soon enough will be handed over for the benefits of the children and the future generations. Indeed, being a PICE Qatar member truly makes us proud.



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THE PRESIDENT'S LOUNGE

Message from the President

Allen Nacario

CEng, ACPEng, PMCE, M.ASEP, MMUP Grade A



PICE Qatar's Plans and Programs update in the 3rd Quarter of the Year 2017

It is my pleasure to congratulate the officers and committee members who exerted substantial effort to bring much accomplishment to some of the 2017 plans and programs of PICE Qatar. Certainly, these accomplishments would not be possible without the participation and support of our fellow members. Below is the status of our plans and programs in the 3rd quarter of 2017:

1. To continue to facilitate professional advancement through training and seminars.

- There were five (7) seminars conducted including a plant visit. The program has benefited more than 204 PICE Qatar members.

2. To continue to assist our members who are qualified to be included in the engineers' registry of AER, ACPE and APEC. Further, the possibility to arrange special conferment ceremony here in Qatar.

- There are already 13 approved ASEAN Engineers out of 34 applications. 2 nos. has been conferred on 17 August 2017.

- The "Write-shop" for APEC application was successfully conducted by Philippine Technological Council (PTC) with an attendance of 62 aspiring Civil Engineers.

- The AER 2nd Special Conferment Ceremony in Qatar is set on 20 October 2017. Preparation is on-going.

- Total of five (5) ACPE has been approved. 2 nos. has been conferred on 25 August 2017.

3. To continue to facilitate the preparation for the Special Professional Licensure Examination (SPLE) to be conducted by the Professional Regulation Commission (PRC).

- There were 154 nos. who took the review class. 130 nos. took the examination on the 1st and 2nd of September 2017.

4. To continue to facilitate refresher course for PICE Qatar Professional Advancement for accreditation to Engineering and Consulting Offices Accrediting Committee, Qatar.

- The course was conducted for seven (7) Fridays and was completed on 7 April 2017. The course catered to twenty-three (23) PICE members.

5. To continue to facilitate sports activities for the members.

- Inter-color basketball, bowling and lawn tennis tournaments have been conducted. There were about 230 PICE Qatar members who joined the mentioned sports events.

- A basketball friendly game to be participated by officers and committee members started on 29 September 2017.

- The planned Philippine Professional Organization (PPO) basketball and volleyball tournament is under preparation. The sports committee is also planning to have a tennis still to be decided.

6. To continue to exercise our social responsibility by facilitating outreach program to our fellow kababayans, blood donation campaign, tree-planting campaign and etc.

(Continue on Page 4)

PICE QATAR ACTIVITIES

(Continued from Page 3)

- The program is on-going. PICE Qatar had conducted seven (7) outreach program at POLO OWWA providing assistance to total headcounts of about 600 adults distressed OFW and 27 children/babies.

7. To facilitate the implementation of the construction of the 3rd and 4th Green School Buildings in Luzon and Visayas respectively.

- Construction of the 3rd school building has commenced on 16 June 2017. Turn-over of the same was on 7 July 2017.

- Construction of the 4th school building has commenced on 4 September 2017. The progress has reached to about 40% at the time of this writing.

- Refurbishment works of a 1-classroom school damaged by

typhoon Nina in Catanduanes, Bicol area last December 2016 was completed on 9 March 2017.

8. To provide a scholarship to desirable 3rd Year Civil Engineering students with financial incapacities from state universities in the Philippines.

- The scholarship program has been arranged with the University of Rizal System. Selection of beneficiary student is on-going. The program that was suppose to start for the 1st semester 2017 has not materialized due to the slow response of the school officials of URS. With high hope, the program may start this coming 2nd Semester 2017. The budget for 2 semesters is already in place.

- PICE Qatar is considering other schools with one (1) beneficiary for the scholarship

program.

9. To conduct a workshop in Doha on sustainability focusing climate change (for Filipino senior high school level).

- The program has been decided to be part of Math Wizard Contest and is under preparation.

10. To facilitate Math Wizard Contest in Doha (for Filipino Senior high school level).

- The program is under preparation. A total 27 teams from the two (2) different Philippine schools in Qatar will be

*"To Engineer Is Human.
Engineers' Creed: I am an
Engineer I serve mankind by
making dreams come true."*

- Anonymous -

11th General Assembly of PICE Qatar Chapter announced!

Felipe Catinoy

"PICE QATAR — ADVANCING THE CIVIL ENGINEERING THROUGH GLOBAL RECOGNITION"

emerged in all the submitted and accepted entries for the call to 11th General Assembly Theme. 2nd Vice-President Alden Cayaga got his theme selected which earned him one (1) free entrance ticket, inclusive of all the entitlement to the event. Another get-together, wisdom earning from guest speakers is what always the participants look forward.

Members will again to experience their right of suffrage, participate and select the next set of officers, who will take the lead and contin-

ue the plans and programs of the chapter to serve the Filipino civil engineering community in Qatar and at the same time to work hand in hand the PICE National.

Volunteerism - the key term again and again incessantly uttered in every non-profit organization. The general assembly is a big arena for the members who aspire to share their time and hidden skills aside from being a civil engineer, to step forward and take the challenge.

Ad-Hoc Committee for the general assembly, spearheaded by Michael Maglalang under the supervision of 1st Vice-President of Aileen Buenaflor take the

control for the major events of the chapter.

The said general assembly has the full title as below:

"11th General Assembly and Election of Board of Directors & Officers and Oath-taking of New Civil Engineers".

The date and venue of the general assembly is as follows;

DATE: 24th of November 2017

VENUE: City Center Rotana Doha Hotel, West Bay, Qatar

TIME: 02:30 PM – 10:30 PM

See you there fellow members!

PICE NATIONAL UPDATES



Philippine Institute of Civil Engineers, Inc. 6th International Technical Conference

Luisito Carlos

The 6th PICE International Technical Conference was held in Singapore on 31st of August and 1st of September 2017 and hosted by PICE Singapore Chapter. PICE National officers and board of directors attended the conference including Immediate Past President Dr. Ernesto De Castro and National President Dr. Maria Catalina Cabral as guest and keynote speaker.



PICE NATIONAL UPDATES

PICE National Attending the Asian Civil Engineering Coordination Council's 33rd Executive Committee Meeting in Ulaanbaatar, Mongolia

Luisito Carlos

PICE National delegates to the 33rd ECM of ACECC headed by 1st Vice President Clemente A. Ibo along with Immediate Past President Dr. Ernesto S. De Castro. The event was held in Ramada Ulaanbaatar Hotel, Ulaanbaatar, Mongolia from 21 - 23 September 2017. Part of event is a technical tour on the new Ulaanbaatar International Airport.



Banquet dinner by Mongolian Association of Civil Engineers (MACE) with Japanese delegates Takashi Imamura, Masayasu Kayano, Makoto Kimura and Sato Shinji all from Japan Society of Civil Engineers (JSCE) with Philippine Institute of Civil Engineers (PICE) 1st Vice President Clement A. Ibo and IPP Ernesto S. De Castro. FB post of Clement A. Ibo dated 22 September 2017.



New Ulaanbaatar International Airport
Source: <http://www.nubia.mn/>



Technical Tour at the New Ulaanbaatar International Airport or the Khoshig Valley Airport presently under construction and will serve Ulaanbaatar and Metropolitan area.

A short history on Asian Civil Engineering Coordinating Council

Luisito Carlos

The Asian Conference on Civil Engineering (ACCE) which was the first International Conference of its kind in Asia was organized and held in Manila, Philippines by three societies, Philippine Institute of Civil Engineers (PICE), American Society of Civil Engineers, (ASCE) and Japan Society of Civil Engineers (JSCE) on February 19-20, 1998; this conference was later designated as the 1st CECAR. Following this first CECAR, the presidents of the three societies felt that there was a need for an umbrella organization.

Subsequently a Steering Committee of the three societies met in Quezon City, Philippines on May 7-8, 1999, during which the representatives of the three societies agreed to initiate the formation of the Asian Civil Engineering Coordinating Council (ACECC), including the rafting of the Constitution and By-Laws,

inviting civil engineering organizations to join the membership of ACECC and naming all conferences sponsored by CECC as the Civil Engineering Conference in the Asian Region (CECAR). The meeting to formally establish ACECC was held in Tokyo, Japan, on September 27, 1999, attended by the presidents/representatives of five societies, Philippine Institute of Civil Engineers (PICE), American Society of Civil Engineers (ASCE), Japan Society of Civil Engineers (JSCE), Chinese Institute of Civil and Hydraulic Engineering (CICHE) and Korean Society of Civil Engineers (KSCE).

The proposed Constitution and By-Laws were discussed, amended and adopted at that meeting, after which the document on the establishment of ACECC was signed by four of the representatives present; with ASCE signing on October 4, 1999. Following the signing ceremony, the first Executive Committee Meeting (1st ECM) was held on 27th and 28th, at which the first Chair of the Executive Committee was elected as the head of the organization and the Secretary General of the ACECC Secretariat was appointed. ACECC then began its activities.

Others Sources / References:

1. <http://www.acecc-world.org/history.html>
2. FB post of Clement A. Ibo dated 22 September 2017



MEMBERS' PAGE

Membership Watch

Belinda Dela Cruz

As of 29 September 2017, our last issued Chapter Membership ID No. was 3080 with a cumulative total of 252 new members for 2017. Indeed, PICE Qatar membership is constantly growing.

We hope that everybody can participate in the activities and affairs of the organization.

Again, welcome to PICE Qatar Chapter!

PICE-Qatar Family would like to convey our warmest greetings to the following, who are celebrating their Birthday this month of **SEPTEMBER!!!**

- ♦ Intellectual
- ♦ Very critical and picky
- ♦ Always combine logic and intuition in dealing with life in general.
- ♦ Suave and compromising
- ♦ Careful, cautious and organized
- ♦ Likes to point out people's mistakes
- ♦ Likes to criticize
- ♦ Quiet but able to talk well
- ♦ Calm and cool
- ♦ Kind and sympathetic
- ♦ Concerned and detailed
- ♦ Trustworthy, loyal and honest
- ♦ Does work well
- ♦ Sensitive
- ♦ Thinking
- ♦ Good memory
- ♦ Clever and knowledgeable
- ♦ Loves to look for information
- ♦ Must control oneself when criticizing
- ♦ Able to motivate oneself
- ♦ Understanding
- ♦ Secretive
- ♦ Loves sports, leisure and traveling
- ♦ Hardly shows emotions
- ♦ Tends to bottle up feelings

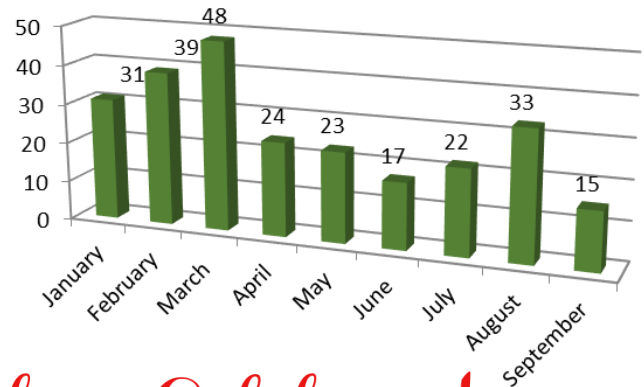
May your special day be filled with memories and flowers, friendship and happy moments.

Celebrate the best-ever birthday today, but don't forget to celebrate each and every day, along with the happiness that each day brings.

Birthdays are filled with yesterday's memories, today's joys, and tomorrow's dreams.

May this day bring to you all things that make you smile and filled with laughter and love. Happy Birthday!

2017 New Members



September Celebrants

September 1

Calilung, Ronald V.
Horcasitas, John Dexter B.
Largosa, Jeffer Q.
Salazar, Raul P.
Sulit, Jaime P.

September 2

Amoguis, Antonio Jr. G.
Ayson, Elmer C.
Cañas, Mark R.
Dela Peña, Alberto D.
Delera, Ferdinand B.
Muncal, Michael Dan A.
Quirimit, Benedick P.
Tanig, Cornelio Jr L.
Timbol, Vergel C.
Vitalicio, Josue B.

September 3

Benigno, Patrick John P.
Caballero, Analiza G.
Liwalug, Ali P.
Rios, Gardito Jr. A.
Sanciangco, Johnvil C.
Supranes, Jester A.

September 4

Abad, Ronaldo F.
Alanguilan, Alvin P.
Andrade, Norisa B.
Askali, Ridzkin M.
Estipular, Davidson D.
Jerez, Jo Florizel M.
Manahan, Wrenwick E.
Panganiban, Benito Iii B.

September 5

Bognot, Ricardo T.
Casurao, Hazel D.
Dabu, Ramir L.
Del Rosario, Henry J.
Edangal, Romel S.
Fabito, Bernard T.
Fajutagana, Elvin D.
Jaring, Lynard P.
Lagusad, Herbert V.
Ong, Samuel Jr. G.
Paleta, Jose Warlito A.
Saaban, Nasrudin P.
Silarde, Victor C.
Tolentino, Lorenzo T.

September 6

Ecleo, Feliza C.
Enoc, Aldrin C.
Esguerra, Eduard L.
Fortaleza, Aldrin S.

September 7

Alfonso, Michael M.
Del Pilar, Danilo A.
Gagil, Tingcap B.
Gantes, Hazel P.
Malilay, Melvin P.
Nor, Akmad C.
Rebaño, Robert T.
Resma, Jorge Antonio, Jr. S.
Romina, Jose Erwin O.
Sy, La Rhena A.

September 8

Barbon, Ronald M.
Caminero, Voltaire Jean C.
Castillo, Nestor S.
Ceralde, Michael Gerard S.
Kalaw, Arjay P.
Osia, Jaymark Essert A.
Rivera, Nestor A.
Solamo, Rolando G.
Tomboc, Johny R.
Villamin, Vicente S.

September 9

Agustin, Glenn Michael C.
Amparo, Roly M.
Codilla, Mary Irine C.
Golgat, Leonardo E.
Lucman, Norinsah A.
Mendoza, Edgardo M.
Nañola, Ernest Christian E.
Rabeca, Melchor R.
Tapay, Amelia C.

September 10

Balbin, Richard F.
Dela Cruz, Robert L.
Fortaleza, Jerome D.
Gatchalian, Renato R.
Ilao, Ryan V.
Mamauag, Erwin B.
Panelo, Rodrigo Jr. V.
Sosa, Dennis Ian B.
Suralta, Raymund F.

September 11

Balmes, Ronald P.
Bantugan, Joy C.
Deblois, Dennis D.
Erasmio, Ismael U.
Gamboa, Mary Ann S.
Kanakan, Rasol A.
Macadangdang, Ruel T.
Solis, Francis C.
Soriano, Frederick M.
Temblador, Jefferson A.
Timonan, Vicente Jr. M.
Villar, Adah Ingrid M.

September 12

Bodiongan, Serg Jason M.
Cortez, Aldrine O.
Crecencio, Emmanuel I.
De Celis, Anastacio Jr. C.
Hipolito, Remegio Jr P.
Mendoza, Andrew G.
Mikunug, Camalludin A.
Oliveros, Anthony J.
Pasion, Lenie C.
Suarez, Delfin H.
Tanig, Emerson A.
Yu, Roland S.

September 13

Bugayong, Job M.
Dango, Edwin L.
Pangilinan, Renato C.
Poquiz, Mario A.
Reasonda, Sherman P.
Reginio, Ryan R.

September 14

Camero, Hienrich Karl S.
Dellova, Jason Salvador A.
De Vera, Bernard Y.
Espina, Maria Eden O.
Gamiao, Dominador Jr. E.
Hallasgo, Joey T.
Hernando, Florencio Her-nando Jr. S.
Ilagan, Don Benjo N.
Montales, Graziela G.
Mejos, Nestor E.
Naldoza, Eddie B.
Oseña, Jaeger P.
Sali, Michael S.
Santuyas, Francis Jade C.
Selga, Romeo Jr. P.

September 15

Abundo, Rodel T.
Alvarez, Armin P.
Ambigues, Caroline T.

PICE QATAR UPDATES

Ninth Board of Directors 2017 meeting conducted

Felipe Catinoy



Pursuant to the regular monthly BOD Meeting of Philippine Institute of Civil Engineers – Qatar Chapter's (PICE-Q) 2017 Board of Directors held its 9th meeting last September 08, 2017; Friday at PICE Qatar Headquarters, Bin Omran, Doha, State of Qatar.

Presided by Allen Nacario, the 9th BOD meeting for the year 2017 was attended by:

- Aileen Buenaflor – 1st VP
- Alden Cayaga – 2nd VP
- Luisito Carlos – Secretary
- Medel Dalida – Treasurer
- Michele Revillosa – Auditor
- Russel Flores – PRO

- Alfonso Belito Betita – Sgt.-At-Arms
- Belinda dela Cruz – Committee Chair (COME)
- Emilio Manalo – Committee Chair (COPA)
- Lorraine Radan – Committee Chair (COCPA)
- Newcesar Templonuevo – Committee Chair (COWME)
- Sheila Medel – Committee Chair (COHOPLE)
- Emmanuel German Boceta – Committee Chair (COLSA)

The meeting was also graced by the presence of the Founding President Roy Baquiran,

Immediate Past President Gilbert Lorenzano and Past President Delfino De Leon.

The said BOD meeting is a monthly undertaking held at every first Friday of the month as per the existing Constitution and By-Laws, unless otherwise decided by the board.

The BODs discussed the issues within the organization, the other activities outside the chapter wherein the group is involved and most importantly, review and monitor the progress of the plans and programs for the year-long activities. Naming a few of the major events are the ASEAN Engineer 2nd Special Conferment and the 11th General Assembly.

PICE QATAR UPDATES

A Triumphant 7th Outreach Program of PICE Qatar!

Mark Anthony Abendan

The Philippine Institute of Civil Engineers Qatar Chapter's 7th Outreach Program handled by COPA 2017 Team chaired by Engr. Emilio Manalo with the usual full support of current BOD's, Past Presidents, and PICE general membership together with their families and friends had been successfully conducted last 21 September 2017 at the POLO OWWA old office, Doha, State of Qatar, which sheltered our Distressed "Kababayan". A total of Eighty Nine (89) wards and Three (3) babies were blessed with baby needs, groceries, used clothes, food, and words of encouragement.

A big "THANK YOU!" to the ever-supportive and generous PICE Qatar general membership together with their families and friends who in a triumphant manner shared what they have to our Distressed "Kababayan" with love and compassion. Truly, even a simple act of kindness or show of support can make a huge difference in someone's life. Together we can make a difference!

The triumphant 7th outreach event last 21 September 2017 was mainly attended by CoPA Chairman Emilio Manalo, Belinda Dela Cruz, Russel Flores, Medel Dalida, Carlos Catubig, Luisito Carlos, Roy Baquiran, Michelle Revillosa, Susana Nacario, Allen Nacario, Sheila Medel, Aileen Buenaflor, Newcesar Templonuevo, Rolan Nevado, Hazel Casurao, Alfonso Belito Betita, Virgilio Lacbayan and Arnel Punsalan.

Once again fellow engineers and friends let us continue to support and be part of this inspiring endeavor in one accord by sharing our blessings in cash or in kind and tell your inspiring and life changing stories!

Let us once again come and join on our 8th Outreach program scheduled on the third Thursday, 19 October 2017 from 6:00 PM to 8:00 PM to extend our helping hands to our unfortunate kababayans.

Mabuhay!!!

Taking care of someone else, being there for someone else, and blessing someone else will surely give you a blissful life! See you on 19 October 2017.



Working together in love and unity, our esteemed organization has been very active for the past years on this noble community service.



BODs and members in full support to CoPA Team. BIG thank you guys.

PICE QATAR UPDATES

Blue Team draw First Blood, Routed Red in Game 1

Alfonso Betita

The Blue Team routed the Red Team 61 - 43 to take the first game in the best of seven series PICE Q Presidents Cup Basketball Tournament held in Al Arab Academy, Building 1 Gymnasium in Al Saad, Doha, Qatar last September 29, 2017.

It was a perfect game plan for the Blue as they foil the repeated attempt of the Red to register an early lead in the first half to tie at 25 - 25. The Red fail to capitalize on the aggressive play of Emil Manalo who register a back to back baskets from the inside.

Early in the second half, the Blue commanded a comfortable lead as they tamed their opponent which seems to run out of play early on. Nong Verano, Bong Nevado and Allen Nacario delivered a menacing offensive play that fuels the blue teams' rally in the second half before Alden Cayaga delivered the final shot in the dying second and seal the game at 61- 43.

This basketball tournament is a program undertaken by PICE Qatar under the committee on sports, leisure, and recreation currently under the chairmanship of Engr. Alfonso Belito C. Betita. Players were selected from the Board of Directors, Past Presidents and Committee Members who were deployed in two different competing teams.

Meanwhile, PICE Qatar will deploy teams for both Basketball and Volleyball competition under the banner of the Pilipino Professional Organization (PPO). The sports tournament is in the early stage of planning and is expected to take place in the months of November and December 2017. Engr. Russel Flores was tapped to coach the



Workshop in Journalism Carried-Out

Alfonso Betita

A workshop on Journalism was held on September 18, 2017, at the PICE Qatar Headquarter in Bin Omran, Doha, Qatar. This is in line with the PICE Qatar Newsletter Editorial Staffs' plan to develop and transform its rank into a more

competent and professional journalist and writers.

Alfonso Belito Betita, the PICE-Q Newsletter's News Editor discussed News Writing, Sports News Writing and Editorial Writing in his one and half hour presentation. Engr. Alden Cayaga, on the other hand, shared pointers on editing where he also introduces an editing software

that will aid the staff in their writing and editing works.

The workshop was attended by editors and staffs of the PICE Q Newsletter - the official paper of the Philippine Institute of Civil Engineers, Qatar Chapter. It is held under the auspices of the Committee on Publication and Information and its chairman, Felipe Catino.

PICE QATAR UPDATES

Training/Workshop on Basic Structural Analysis

Felipe Catino



The training/workshop titled **“Basic Structural Analysis, Design and Detailing of Reinforced Concrete Building using BS EN 1992 and BS 8110”** has been delivered by Anthony Patino, an expert who constantly willing to share his knowledge and skills in structural engineering field. Luisito Carlos monitored the whole process of this event. The working Committee of Continuing Professional Advancement (CoCPA) team commenced the 4-day seminar headed by Loraine Radan at Oryx Rotana Hotel Doha, started on September 22 and will run until October 13, 2017.

Continued learning will contribute to upgrading of our career, help putting up another green school building in the Philippines and will generate credit seminar hours for engineering registry such as AER, APEC, ACPE & ASEP applications.

SPLE Orientation Marked

Alfonso Betita

The Philippine Institute of Civil Engineers — Qatar through Sheila Medel, COHOPLE chair has recently announced the schedule for orientation for SPLE on 6th October 2017, the venue of which remains to be announced.

This is in line with the PICE Qatar’s long-standing policy of assisting its associate members to take and pass the Civil Engineering Licensure examination while working abroad, specifically here in Qatar.

PICE Qatar since its founding in the year 2007 has successfully assisted a number of its associate members to obtain their professional civil engineering licenses through its examination review program. Some of its members topped the board

examination given in the whole Middle East region and recently, in the Philippines.

Some of the current members of the Board of Directors of PICE Qatar are the product of the SPLE review program.

The SPLE review is held at the Oryx - Rotana hotel every Friday from 8:00 AM to 5:00 PM starting on the date which is yet to be announced. The Special Professional Licensure Examination given by the Professional Regulation Commission coincides with the Eid Al Adha Holidays every year.

For inquiries, interested parties may contact Sheila Medel at Mobile No. +974-33475322.

PAST PRESIDENT'S CORNER



Playing With Specifications: Dirty Tactics or Legitimate Strategy?

How many times have you seen a standard written in a specification without an effective year? How many times have you read in a specification a standard which is already revised, superseded or withdrawn? If you are a seasoned specifications consultant, chances are, you have already seen this a hundred times. If you are a Materials Engineer working for a Contractor, chances are, at one time, for one reason or another, you have deliberately omitted the year in writing a standard within specifications. These are some examples of how specifications writers "play" with specifications and standards. The questions are: Are there benefits to be gained from this? What are the risks?

Let us consider a specific example. What if your specification says – "Welded fabric shall conform to BS 4483."? The initial reaction of a specifications consultant would be to comment that the effective year should be specified. To which the specifications writer may respond that the latest revision of the standard shall be used, and he or she may refer to a separate provision of the specification stating so. But then another question follows - latest revision when? At the time of writing the contract? At the time of signing? At the time of construction? And the argument goes on and on. From this alone, we can see the importance of putting the effective year when writing a standard.

What are the implications of having no year in the standard as per the example given? This would mean the Contractor can use a wire mesh conforming to BS 4483:1998, BS 4483:2005 or any older revision of the standard. This would mean some degree of flexibility in purchasing materials. Perhaps, there would also be some cost benefits depending on the available supply in the area.

But let us look at the technical implications. There are significant differences between the two standards. In BS 4483:1998, the reinforcement wires or bars used in manufacturing the wire mesh shall conform to BS 4482:1985 or BS 4449:1997, both of which require a specified characteristic strength of 460 MPa. On the other hand, BS 4483:2005 allows the use of ribbed bars conforming to BS 4449:2005 with a steel grade of 500 MPa. If a structural element was originally designed using a steel grade of 500 MPa, then it will not be safe to use BS 4483:1998 wire mesh as its reinforcement. Therefore, it is not as simple as just using any wire mesh material as long as it complies with BS 4483 regardless of the effective year. In this case, it is important that the original calculations are checked and if required, a re-calculation shall be done using the steel grade of the wire mesh material being proposed.

There are other properties where the two standards differ like tensile properties, rebend properties and weld shear strength. It is recommended that we, as engineers involved in preparing or checking specifications, obtain a copy not only of the current revisions but also the superseded revisions, in order that we become familiarized with the intricate details of the requirements of same standards of different revisions. Although BS 4483:1998 has been revised, superseded, withdrawn and replaced by BS 4483:2005, wire fabrics conforming to this standard are still available, manufactured and certified by independent certifying bodies through a regime of regulation, testing and inspection. And therefore, the use of these materials is legitimate and safe as long as due care is exercised when they are used.

If you have any questions, or if you wish to share your opinion about this topic or of other instances where standards are being "manipulated", please feel free to contact the author or PICE Qatar Newsletter editor-in-chief.

Best regards,

Ronald Nilo

PPO-Q / UFOQ Corner

PRC Delegates, POLO OWWA Office, and PPO-Q join together for SPLE 2017

Alden Cayaga

The Philippine Professional Organization – Qatar (PPO-Q), represented by leaders of the different professional organizations, POLO OWWA Office with Labor Attaché, Hon. David “Des” T. Dicang and six representatives of the Professional Regulation Commission (PRC) have joined together in the conduct of the Special Professional Licensure Examination in Doha, Qatar on September 1 to 3, 2017 at the Philippine International School Qatar (PISQ).

A total of 682 aspiring professionals took the licensure examinations for 15 different Filipino professions, namely: architects, certified public accountants (CPAs), civil engineers, electronics engineer, electronics technicians, environmental planners, master plumbers, mechanical engineers, registered nurses, physical therapists, professional teachers, radiologist, registered electrical engineers, registered master electricians, and respiratory therapists.

After the conduct of the exams, the PRC delegates got the chance to explore Qatar with PPO-Q acting as tour guides on September 5, 2017. Included in their itinerary were Sea Line located South of Doha where they enjoyed camel riding and sand dune ATVs. They also visited The Pearl – Qatar late in the afternoon and then proceeded at POLO OWWA Office at Al Jazeera Tower for a thanksgiving dinner.



Representatives from PPO-Qatar, POLO OWWA and PRC Delegates had a batch picture for the SPLE 2017 at PISQ, Doha, Qatar



Hon. David “Des” T. Dicang with the PRC Delegates during the SPLE 2017 at PISQ, Doha, Qatar



Thanksgiving dinner held at POLO OWWA Office, Al Jazeera Tower, Doha, Qatar



STRUCTURAL ENGINEERING

Strong-column weak-beam frame, is this necessary?

Jeffrey Cimagala

Prologue: During one of our seminars, we have been asked a classic question regarding the correct way of casting concrete elements with different strengths. This is almost debatable as most engineers have their own way of doing things. In this article, the author will try to identify what the code states and why.

During construction, more often than not, the people working on-site may not have enough understanding of what needs to be done and how it should be done. That is why, construction documents like shop drawings and specifications are required to be thoroughly checked and if possible, shall be prepared in complete likeness with the relevant standard codes of practice.

A very common question that arises in the field of construction engineering goes like this: "Why do we need a strong-column and a weak-beam/slab joint?"

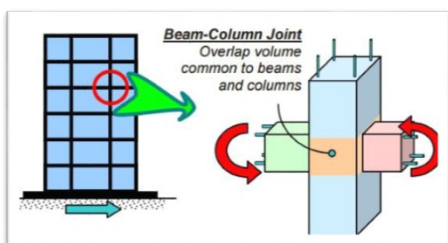


Figure 1: Beam-Column Joint

While this question may not necessarily affect everybody if the columns were designed with equal concrete strengths to that of the slab and beams, the same question, however, posits an important aspect in the construction sequence specifically the method of casting the concrete as well as the termination points or location of construction joints.

In standard practice, casting of concrete for columns may be terminated at the soffit of the slab or beams. Casting of the beams crossing the columns shall follow only after sufficient time has elapsed for the initial curing of columns (concrete is no longer plastic). Delay in placing concrete in members supported by columns is necessary to minimize potential

cracking at the interface of the slab and supporting member caused by bleeding and settlement of plastic concrete in the supporting member.

For the integrity of the structure, it is important that construction joints in the structure be located and constructed as required by the design. In general, joints should be located where they will cause the least weakness in the structure.

But how do we cast the column/beam or column/slab joints if the concrete strengths of the elements are different (normally column strengths are higher than the beam or the slab)?

As a rule of thumb, when the strength of column does not exceed 40% of the slab or beam strength, the standard way of casting the columns is applicable. Hence, no special provisions are required. If the column strength is more than 40% (1.40 times) the slab system, however, the column concrete shall be placed in the floor at the column location extending outward at least 600mm into the floor slab from the face of the column for the full depth of the slab and be integrated with the floor concrete. The lower-strength mixture should be placed while the higher-strength concrete is still plastic and should be adequately vibrated to ensure the concretes are well integrated. It is important that the higher-strength concrete in the floor region around the column be placed before the lower-strength concrete in the remainder of the floor to prevent accidental placing of the lower-strength concrete in the column area.

Now that we have established a method of casting the column-

beam/slab joint, going back to the earlier question, why do we need to do this in the first place?

In seismic prone areas, particularly in the Philippines, most low-rise buildings suffer from the devastating effects of earthquakes. That is because buildings with lower total height from the ground level are more vulnerable to seismic-induced inertia forces. When buildings sway during an earthquake, the distribution of lateral deformation (drift) greatly influences the amount of damage. If the building has weak columns, the lateral deformation tends to be locally concentrated as shown on the leftmost figure which may cause localized failure. On the contrary, if the columns are strong, the lateral deformation will be distributed on each floor level as shown on the rightmost figure. Hence, localized damage can be prevented.

Furthermore, columns are the main elements that support the weight of the entire structure whereas the beams and slabs support the gravity loads on the floor in which they form as a system. Therefore, failure of a column yields greater consequences than a beam or a slab.

Considering the above reasons justify the rationale behind the principle of a strong-column weak-beam joint. This is an important aspect in the design of buildings to ensure the frames behave in a safe manner during strong seismic events.

References:

1. ACI 318-14 Building Code Requirements for Structural Concrete
2. NEHRP Seismic Design Technical Brief No. 1
3. Figure from Civilblog.org

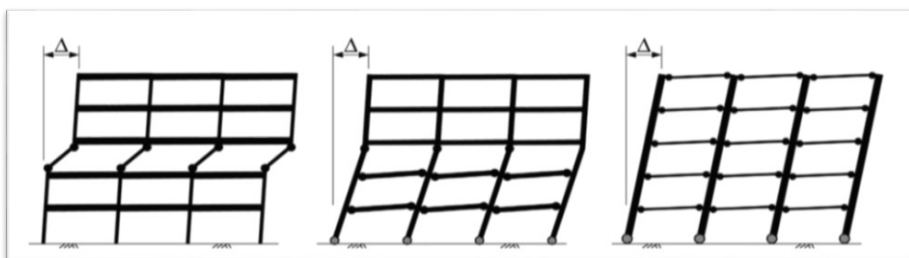


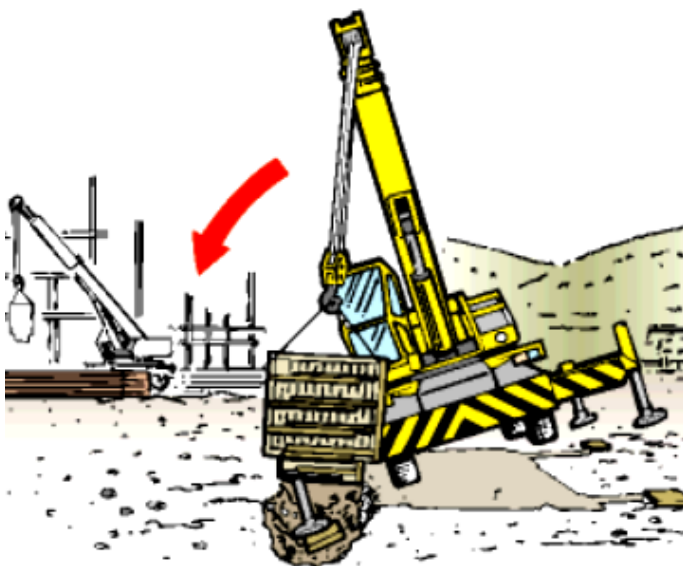
Figure 2: Story mechanism (left); Intermediate mechanism (middle); Beam mechanism (right)

SAFETY MATTERS

COLLAPSE OF CRANE DURING LIFTING OPS

CONSIDER THE FOLLOWING PRIOR TO START OF LIFTING OPERATIONS

- ♦ Rigging and Lifting Procedure shall be provided and approved prior to the start of lifting activity.
- ♦ Method Statement shall be provided and approved prior to start of lifting operation
- ♦ Risk Assessment / Job Safety Analysis must be provided and approved based on the Method Statement.
- ♦ Lift Plan / Drawing shall be established especially the location of the crane and materials to be lifted.
- ♦ Lifting Permit shall be approved by the Permit issuer and shall be posted and located at the site.
- ♦ Working Drawing, Method Statement and Risk Assessment / JSA shall be attached to the lifting permit which is posted in the Permit Box.
- ♦ Daily Crane Safety Checklist shall be ticked and done by Crane Operator
- ♦ Crane Safe Working Load (SWL) shall be checked against the weight of the load to be lifted
- ♦ Crane Appointed Person shall be competent and certified by 3rd Party.
- ♦ Crane Appointed Person shall check the condition of lifting area prior to commencing work.
- ♦ Crane Operator shall be competent and Certified by 3rd Party and possessed driver's license
- ♦ Rigger shall be competent and certified by 3rd Party
- ♦ Slings to be used shall be certified by 3rd Party and damaged sling shall be discarded.
- ♦ Outrigger's Base Plates must be one whole piece not separated from each other
- ♦ Outriggers Floats shall be properly placed in the center of the Base Plates
- ♦ Outriggers shall be fully extended and tyres shall be off the ground.
- ♦ Soil investigation shall be conducted and ensure Ground is leveled and properly compacted
- ♦ Signboard and Barriers shall be provided prior to start of lifting operation
- ♦ Maximum Wind Velocity during lifting operation shall be 25 knots or 46kPH
- ♦ Safety Task Analysis Risk Reduction Talk (STARRT) briefing shall be done prior to start of lifting Operations



WHAT'S TRENDING?

(continued from September Celebrants)

Cabanada, Jimmy S.
Casalan, Necitas C.
Dacara, Roberto Jr. V.
Jahimodden, Jumah S.
Martinez, Ramonchito P.
Santisteban, Richard T.
Seng, Armando C.
Urmanita, Willmar L.

September 16

Asaali, Aldin T.
Duca, Arnold E.
Datu, Fernando Dg.
Lindo, Ruel S.
Lubi, Rhodora S.
Mangana, Antolin Jr. M.
Manog, Alvin J.

September 17

Hayudini, Abdurahman A.
Manaor, Richard R.
Rosales, Edmar E.

September 18

Adornado, Francis Paul M.
Alvarez, Ireneo M.
Ausan, Joey Frank L.
Doyohoy, Andres Jr. D.
Guevarra, German Jr. R.
Lazaro, Rene C.
Maranion, Elimelech F.
Rombaoa, Jeffrey M.
Sumagpang, Edwin P.
Velasco, Josefino B.

September 19

Caig, Anthony G.
Creus, Rodrigo A.
Irinco, Pio R.
Jamaldin, Edris T.
Kionisala, Benjamin N.
Lustina, Rogelio G.
Palete, Fernan A.
Ramos, Sha Mari R.

September 20

Abangan, Marjoe T.
Ampuan, Asliah A.
Balon, Nasrudin M.
Bunagan, John Mark B.

Castillo, Felipe R.
Dela Vega, Benigno Ninoy R.
Fronza, Sheila Marie B.
Isidro, Maria Carmela C.
Mantong, Dinnies R.
Tabuzo, Xander
Tan, Michael Vincent C.

September 21

Batac, Alvin V.
Cariaga, Charles A.
Cordova, Joel Q.
Galang, Ronald M.
Gonzales, Jimmy C.
Juco, Ariel G.
Lopez, Jeremy R.
Manalo, Dionisio Jr. V.
Waffer, Warren B.

September 22

Apat, Earlmar M.
Candaruma, Joemar Keith B.
Folgueras, Mark Anthony A.
Ildefonso, Ronald A.
Lat, Rogelio D.
Manalo, Jungie R.
Manzano, Gerry R.
Pameroyan, Fernando Jr. C.
Zeta, Jaime Jr. S.

September 23

Baptista, Almirex B.
Bolisay, Dante V.
Cailer, Leo M.
Flotildes, Rene A.
Franco, Arnold H.
Manalili, Francis V.
Martin, Joel B.
Masabpi, Jamshid S.
Moral, Robbi Roie U.
Pimentel, Lino Q.
Platino, Larry S.
Reyes, Paul James C.
Saliwato, Alinain M.

September 24

Apolinares, Janilee V.
Carreon, Jerry P.
De La Cruz, Niecee M.
Encenzo, Ronillo Jr. O.

Gener, Teodoro Jr. B.
Marajas, Michael V.
Villareal, Edgar D.

September 25

Cayos, Maria Cristinela T.
Fabia, Roberto E.
Genilla, Denie G.
Item, Eugenio G.
Labasbas, Zaldy O.
Manongsong, Darius R.
Maranoc, Alvin E.
Matitu, Edward G.
Mondarte, Sabinido P.
Peregrino, Mary Ann M.
Ramos, Ronnie S.
Salac, Allan M.
Tusi, Avegail V.
Wallang, Aldrin Kitoyan A.

September 26

Bautista, Dadelino Jr. M.
Calibara, Paulo D.
Gentapa, Allen Hansel V.
Losorata, Mary Dulce C.
Meniolas, Ariel L.
Oanes, Celeste Z.
Romero, Eduardo O.
Santos, Maribel T.
Tan, Ryan Ace C.

September 27

Nalam, Michael I.
Singian, Jaime B.

September 28

Bordios, Leoncio Jr. B.
Calantas, Nelson E.

Catapang, Ruel D.
Cunanan, Gerelyn Dc.
Gayo, Bryant S.
Graciano, Rino Lee B.
Lorenzana, Mary Marlyn B.
Maribbay, Jerry Joselito S.
Ong, Raymond S.
Santos, Marilou A.
Tan, Steve Laurence R.
Torres, Renato A.
Vega, Kristopher P.

September 29

Abraham, Michael Angelo V.
Azada, Allan Cris S.
Fajardo, Ruel C.
Malicdem, Dennis C.
Mallari, Christine Fatima M.
Marcelo, Andres S.
Perez, Michael G.
Salto, Eugie L.
Sapina, Eduardo J.
Sobrado, Luzviminda C.

September 30

Ayan, Francis Anthony A.
Buenviaje, Charles Reginald C.
Castro, Ryan D.
Carabeo, Marieta U.
Evangelista, Danilo Jr. C.
Isnani, Geronimo C.
Licayao, Dave U.
Mendoza, Leizel T.
Oliveros, Maryfel A.
Pacis, Geronimo G.
Siao, Isagani V.
Tabangay, Ronald S.

Happy Birthday! !! Enjoy your wonderful day and celebrate it. Please stay healthy and get all that you want.

Note:

For those members who are celebrating this month which are not listed above, my apology because we are now updating the records but we wish you another year of blessings. You're older today than yesterday but younger than tomorrow, Happy Birthday!

For errors and corrections relating to the facts above, kindly address your concern to:

BELINDA E. DELA CRUZ
COME Chairman (2017)
Committee on Membership
PICE Qatar Chapter



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