Annual HSE Bulletin 2018-19

Under the Patronage of
H.E. Dr. Khaled Ali Al-Fadhel, Minister of Oil & Minister of Electricity & Water, State of Kuwait

AMERICAN SOCIETY OF SAFETY PROFESSIONALS
KUWAIT CHAPTER
الجمعية الأمريكية لمحرفي السلامة

Invitation for
SPEAKERS.SPONSORS.EXHIBITORS

10th International Health, Safety, Security, Environment and Loss Prevention Professional Development Conference and Exhibition
17th-18th December 2019
Hotel Regency, State of Kuwait

“HSSE Excellence for Sustainable Business”

Mega HSSE Event

PDC 2017 FACTS
750 + Participants, 10+ Countries Representation, 40+ Expert Speakers Hosted • Plus Networking Hours • 40+ Hours of Educational Content • Endorsed by: Govt Bodies of Kuwait & International Bodies • Power Debate & Hot Brain Storming Sessions • CEU’s offered
Executive Panel Session: Leader’s Dialogue • Thought provoking: Real Life Incident sharing Parallel Technical Sessions • Symposiums on key topics • Pre & Conference Workshops

Endorsed By
Knowledge Partner
Supported By

Kuwait Petroleum Corporation
and subsidiaries

BCSP Board of Certified Safety Professionals
GDA
IADC
Iosh
My Hearty congratulations to the chapter officers and the members for the successful term 2018-2019. It gives me a great pleasure to address my message to all Kuwait Chapter members through this annual edition of ASSP Kuwait Chapter term 2018-2019. ASSP Kuwait Chapter has undoubtedly leaped into greater heights since the inception due to non-stop dedication and hard work by Chapter representatives each year. I am very happy to update all members that ASSP HQ USA has honored ASSP Kuwait Chapter with “Platinum Chapter of the Year Award” for the term 2017-2018 which is the third consecutive time. My sincere thanks to the entire team for achieving this highest level of award.

It was a proud moment for the Chapter in the International arena and recognition for the State of Kuwait. All achievements are because of the efforts from Chapter Executives, Advisory Committee Members and active participation of our valued as well as with support of Chapter Advisory Board members, Local industry (KPC, KNPC, KOC and Equate), Community Leaders, NGOs and Governmental Organizations. Further, these achievements and recognitions are raising the Chapter targets for the 2018-2019 to accomplish the common goal of protecting people, property and environment.

We are proud that ASSP Kuwait Chapter members are our valuable assets and pillars on which the Chapter is functioning successfully. It is inspiring to see that our members are gaining the benefits to its fullest, from various events and programs organized and conducted by the Chapter. I would like to mark my acknowledgement to those who are involved, on-screen and behind the curtain in arranging and conducting these programs. With due humility, I confidently confirm that ASSE Kuwait Chapter’s performance is progressing to substantial and innovative heights. Let’s work as a TEAM to achieve new milestones in the upcoming term 2019-2020 and maintain the high standards and milestones set.

I would urge Kuwait Chapter members to participate in all activities arranged for your professional development and utilize the benefits in the best possible way to polish your skills.

In addition to that I am very much excited and look forward to upcoming 10th International HSSE Professional Development Conference & Exhibition, Dec 2019, The mega event of the Chapter. I once again request all the members, companies and HSE professionals to take part in this unique event and get benefited.

With Best Wishes,

Eng. Fadhel Al Ali
Chairman
ASSP Kuwait Chapter
Dear ASSP KC members !!!

Greetings !!!

It gives me an immense pleasure to note that Kuwait Chapter is holding its 20th General Body meeting. As you may be knowing, we have 10 Chapters and two sections in Region IX and it always makes me proud to announce in various global forums that Kuwait Chapter is one of the outstanding chapter in Region IX. We have many reasons to celebrate our success of becoming a platinum chapter consecutively in fourth time. This is possible with the strong commitment and dedication of our volunteer leaders with new innovative ideas in serving our member community. I truly admire the ASSP KC Executive Committee of 2018-19 for thinking on ”Out of the Box ideas” and successfully implementing them, which includes the establishment of ASSP Kuwait Toastmasters Club and accrediting the Chapter with ISO 9001:2015 standard. You all will be proud to note that Kuwait Chapter is the first Chapter among all ASSP’s 158 Chapters in accrediting with ISO 9001 standard. I truly believe in producing volunteer leaders in our Chapter. We have produced more than 200 volunteer leaders since the Chapter establishment in the year 2001. The opportunity for volunteer leaders from our Chapter is further expanded with the establishment of Region IX with the position of Area Director and Region Operating Committee members. I encourage you all to take leadership roles in the Chapter, in the Region and at Society level, which will certainly expand your area of influence with good leadership and communication skills.

With best wishes,

Date: 20th June 2019
Helsinki, Finland ASSP Region IX Vice President

Ashok Garlapati, CSP, CFIOSH, QEP
ASSP Region IX (Global) Vice President
ASSP Ambassador for ME, India & SE Asia
Dear ASSP Kuwait Chapter members,

Greetings

It is a great pleasure to note ASSP Kuwait Chapter is holding its 20th general Body meeting.

Kuwait Chapter is one of the four chapter in the Area-1 of the global region. I feel honored to state that ASSP Kuwait chapter is one of outstanding chapter in ASSP and Region IX in particular. Three Years of Consecutive Platinum award is testimony to our efforts.

Volunteer Leaders of Kuwait Chapter have worked tirelessly with value added programs for the benefit of the ASSP members and Kuwait society.

ASSP Toastmaster Club established Six Months back is doing a wonderful job to develop leadership qualities and communication skills of the members. I am glad to inform you that ASSP Toastmaster club is recognized as President Distinguished Club, which is top recognition within Six months of inception.

I would like congratulate Kuwait Chapter volunteers for organizing Mega events like Professional Development Conference and ASSP GCC HSE Excellence awards which is unique in ASSP.

Finally, I urge all members to take various Leadership roles at chapter, Region and Society level and contribute to benefit of Society and members

With Best Wishes,

Vasudevan Narayanan, CSP
Area Director -1, Region IX
I’m overwhelmed and humbled to take the charge of society’s President for the term 2018/19 starting from 1st July 2018. It is a great honor for me to represent ASSP Kuwait Chapter, which is the largest chapter of ASSP outside of United States, where members from diverse backgrounds are grouped together to focus on one objective i.e. Working together for a safer, Stronger Future.

I feel proud to be associated with highly dedicated, committed and knowledgeable professionals who have already achieved many milestones since the chapter inception in 2000. Though it is challenging, but I am sure that we can add significant value to the chapter with your support and cooperation.

My sincere thanks to the Executive Committee, Advisory Committee Members who had put their all out efforts in completing a successful term. Following are the major milestones & achievements of the chapter which I am proud to share with you here:

- Successfully organized ASSP GCC HSE Excellence Award 2019
- ASSP Kuwait Chapter won the Platinum Level Award consecutively 3rd time.
- 12,000 Professional Development man-hours.
- Organized 19 Training programs and 12 Technical Seminars on various HSE topics.
- Organized 7 modules of BOHS trainings to members for enhancing the career in Industrial Hygiene (IH)
- Completion of ASSP Kuwait chapter’s documentation for ISO 9001 (QMS) certification.
- Organized 2 exclusive Sessions for Women HSE professionals.
- Organized “Fun Day” at Wafra Chalet – Family Day out
- Participated in 8 Conferences & Expos.
- Chapter events published in English & Arabic media and broadcasted in local news Channels.
- Released monthly electronic bulletins
- ASSP Toastmaster club recognized as President Distinguished Club, which is top recognition within SixmonthsofInception.

On behalf of ASSP Kuwait Chapter Executive I thank all the chapter members for their active participation and support.

Long live ASSP Kuwait Chapter

Aamir Rasheed
President
ASSP – Kuwait Chapter
It is an honor and privilege to serve as Vice President of ASSP-Kuwait Chapter and I extend my thankful wishes for all for their support and expect the same even more energetic teamwork for the future assignments to come. As you all are well aware of that ASSP Kuwait Chapter is a group of HSE professionals who are deeply associated with the society activities on a voluntary basis to meet the society objective and goals. Keeping the local and global HSE challenges in view, ASSP Kuwait Chapter has been organizing many events. Already recognized as the busiest professional association of Kuwait in a very short period of time the Chapter has achieved a string of successes and looking forward to reach greater heights in the years to come.

The utmost efforts, with the help of all members and administration, will be made to attain and maintain the sublime objectives of ASSP Kuwait Chapter:

- To provide up to date information, knowledge, techniques and tools to the HSE professionals in Kuwait,
- To work with industries and help them to bring high consciousness and knowledge level in Health Safety & Environment,
- To create awareness among general public on issues related to HSE aspects, and
- Its mission is to advance the technical, scientific, managerial and ethical knowledge to HSE professionals.

An association’s success is driven by teamwork as it takes a combined effort to meet. Sometimes, a team may be like marching ants carrying one grain of sugar at a time, falling again and again but never giving up until reach the top with the help of teamwork based on trust, cooperation and support. It is always a great source of inspiration and motivation to walk into work every day and be welcomed by smiles of supportive and friendly team members like you. In short, I may not be the best team leader but I am just a representative of great team members – like you.

You all are always expected to do a great job contributing your talents and skills to the team ensuring the achievement of the lofty goals and objectives of ASSP.

I shall always be looking forward to your kind and valuable support and feedback.

Sunil N. Sadanandan
Vice President
ASSP Kuwait Chapter
American Society of Safety Professionals Kuwait Chapter has come through a long way since its inception in the year 2000 and reached many important milestones from being a modest chapter to one of active and busiest societies with strong membership in Kuwait. Looking back we had excellent year for 2018-19 and we are looking forward to an exciting year 2019-20 with a diverse and interesting activities. In addition to our non stop professional development activities in the region , the GCC HSE Excellence Award 2019 was a great achievement and at each passing year the program is reaching out to wider circle of the society.

It is noteworthy that all these initiatives and activities are driven forward with the voluntary effort of our members of the chapter by taking up various roles and responsibilities like every year. I wish them all the best to make another successful year for the chapter . I request all members of the ASSP Kuwait Chapter to utilize the benefits provided and get associated with its activities in the best possible way and enrich your professional development.

I am taking this opportunity to understand your expectations and if there is anything that we could do to improve or make it better, please feel free to contact the chapter. We need all of your ideas so that ASSP can serve you better.

I take this opportunity to thank you all for being members of the chapter and all our Sponsors for supporting us from time to time. Let us all strive towards to create safer work environments .

Jahid Thakor
ASSP Kuwait Chapter
Dear Friends and ASSP members

First of all I would like to thank you for trusting and giving me the opportunity to represent you as an office bearer for term 2018-19. It has been a breath-taking one and also full of experience, starting from helping different team heads in various activities and enhancing chapter money generating opportunities.

My main role as Treasurer is

- To act as a facilitator for all chapter funds derived from all sources.
- Jointly with the EC and whole teams to particular budget.

Above all these, the interest of ASSP member to be catered in the best way possible and Together we will achieve the best.

“Thinking something does not make it true, Wanting something does not make it real, but Working for it will lead you to success.“

I seize the opportunity to wish all the ASSPian good luck for their future and undoubtedly, I know at the end, you will come out as winners.

Safdar Ali Khan
Treasurer
Executive Committee (2018-19)

Core Committee 2018-19

Eng. Fadhel Al Ali
Chairman

Aamir Rasheed
President

Sunil N. Sadanandan
Vice President

Jahid Thakor
Secretary

Safdar Ali Khan
Treasurer
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Strategic Planning Advisory Committee

Mohammad K S Mohiuddeen
Past President

Ashok Lenka
Chapter Senior Member

Committee Heads (2018-19)

Mr. Enab El Sayed
Professional Development

Mazaruddin Sheikh
Training Committee

Adnan Yousaf
HSE Events Committee

Hani Al-Khatib
Student Committee

Idris Kazi
Technical Development

Narendra Patel
Publication Committee

Dr. Shaikha Al Fajjam
WISE Committee

Balvant Singh Kathayat
Out Reach & Govt. Affairs

Abdul Elham
Membership Development

Tariq Maqbool
Membership Retention

Chapter Administration

Mr. Farhan N. Ahmad
Web Development

Rishi D Jayan
Sr. Executive – Chapter Operations

Ramana Venkata
Executive

Riyas
Jr. Executive
American Society of Safety Professionals (ASSP), Kuwait Chapter conducted an Orientation meeting on 29th July 2018 at Kuwait Hilton Resort, Mangaf for the newly nominated Heads & Deputies of the committees for the term 2018-19.

Chapter Secretary Mr. Jahid Thakor kick started the meeting with the opening remarks wherein he briefed the objective of the orientation meeting. He thanked all the Committee Heads & Deputies for accepting the volunteer positions to serve the Chapter voluntarily, as per the chapter procedures and protocols Voluntary honorary appointment letters and the name badges were handed over to the heads / Deputies by the core committee of ASSP Kuwait Chapter.

The meet was headed by Engr. Fadhel Al Ali, Chairman, ASSP Kuwait Chapter who has been the pioneer of the Kuwait Chapter. Mr. Aamir Rasheed, President welcomed the participants and emphasized on the important role on hands that included the major milestones to be achieved during the term 2018-2019. Further Mr. Jahid Thakor, Secretary, ASSP Kuwait Chapter delivered a presentation which featured the roles and responsibilities of each Committee, expectations, organization structure of the Chapter, Chapter protocols and other upcoming major events like ASSP GCC HSE Excellence Award 2019 & 10th ASSP HSSE International Professional Development Conference & Exhibition.

The meeting concluded with closing remarks by Chapter Vice President Mr. Sunil Sadanandan, and other senior members of the chapter, who wished all the committees for a successful year ahead. The participants included the Elected Members, Committee Heads, Deputy Heads the Chapter Term 2018-2019 and Chapter Administration Executives.
AMERICAN SOCIETY OF PROFESSIONALS – KUWAIT CHAPTER organises ASSP Gulf Cooperation Council (GCC) HSE Excellence Award annually to recognize and honour the private sector companies for their leadership, excellence and exceptional performance in the field of Health, Safety and Environment in the Gulf Region. The award program 2019 was launched on 15th January 2019 inviting applications from the Private sector organizations in GCC countries and it was concluded with a grand award presentation ceremony on 29th April 2019 at Hotel Regency, Kuwait. The ASSP GCC HSE Excellence award 2019 Program was patronized by Kuwait Petroleum Corporation (KPC) its subsidiaries, endorsed by International Regulatory agencies like by International Association of Drilling Contractors (IADC), Board of Certified Safety Professionals, USA (BCSP) and supported by International Powered Access Federation (IPAF).

The award ceremony kicked off with welcome address by Mr. Aamir Rasheed, President ASSP Kuwait Chapter. He briefed about the Chapter activities, its objectives and achievements along with the background of the ASSP GCC Award program. He mentioned that Kuwait Chapter has pioneered the annual award program for 11th time successfully. He congratulated all award-winning companies for showing their extraordinary performance and management commitment towards HSE. He thanked all ASSP volunteers and supporting & endorsing organizations for making this program grand success. Ms. Nora Al Amir, QC Engineer, Amec foster wheeler (wood Plc) and Mr. Bader Al Hadhrami, Member ASSP Kuwait Chapter facilitated the award ceremony inauguration.

Eng. Fadhel Al-Ali, Chairman of ASSP-Kuwait Chapter in his audio address highlighted the significance of this award program and the value each company is giving to this award, which showcases successful business models from each organization that uphold HSE as a business value. He briefed on theme “You Perform We recognize” and congratulated the winning companies. He appreciated all the Award program organizing committee members for putting their best efforts to make this program a grand success.
Mr. Abdul Wahab M. Al-Mithin, Dy CEO, Corporate Services, KOC delivered the chief guest speech. He congratulated all the award-winning companies and appreciated the initiatives of ASSP Kuwait Chapter for promoting the HSE performance in private sector companies in the GCC region through this award program. He highlighted the importance of HSE and the current HSE challenges faced by the contractors within the Oil Sector & Other Industries in this region.

Mr. Faris Al Mansouri, Director, ASSP GCC HSE Excellence Award 2019 briefed on the Award program. He briefed about the award categories, criteria and evaluation process of the award followed to evaluate the HSE management System of the participating companies. He appreciated the participation of companies and thanked them for overwhelming response comparing to previous year. He said that, this recognition program certainly adds value to the companies and motivate them to improve their HSE performance year after year. He also conveyed that GCC HSE Excellence award program was much appreciated by the adjudication panel judges from state of Kuwait and overseas. The briefing was followed with video capsule featured the overview of the award program and the winners. The ceremony witnessed guest addresses that included Mr Ashok Garlapati, ASSP Global Region Vice President, Ms. Erica M. Poff, Strategic and Global Relations Director, Board of Certified Safety Professionals, USA.

In addition, Hisham N. Zebian, Regional Representative – Middle East & Africa, International Association of Drilling Contractors, UAE as part of international endorsing agencies.

The glittering award ceremony was declared open with a News flash release. The highest level of the award titled platinum award was awarded to four companies for their exemplary performance for the year 2019 namely EQUATE, PETROFAC GC 32 project, GCC Services Dubai & Petroleum Coke Industries Company (PCIC). A total of 45 private sector companies from GCC Countries including Kuwait, Oman, UAE & Saudi Arabia participated by submitting award applications and 79 awards were presented during the ceremony for the winners.

The event was concluded with closing address by Mr. Adnan Yousaf, Deputy Director, ASSP GCC HSE Excellence Award 2019. He thanked the participating companies, KPC for the patronage, KOC dignitaries for their presence, KNPC for promoting this award program among their business partners, Endorsing & Supporting bodies and Organizing Committee members for the successful event. After the award ceremony, Mr. Faris Al Mansouri, Director, ASSP GCC HSE Excellence Award 2019, Mr. Ali A Kshawe, Manager, General Services, KNPC and Mr. Aamir Rasheed, Chapter President recognized ASSP GCC HSE Excellence Award organizing committee members with ASSP branded mementos.
Glimpses of Training Programs

ASSP- Kuwait chapter in collaboration with International & Local Training institutes, organizing training programs exclusively for ASSP members on cost to cost basis.

HABC Risk Assessment Level II
Venue: Best Western hotel, Mahboula.
Date: 20th July 2018
Trainer: Mr. Aamir Rasheed, President ASSP KC 2018-19

Training Program HABC Train the Trainers
Venue: ASSP Chapter Office Training Hall, Fahaheel
Date: 9th-10th August 2018
Trainer: Mr. Tariq Maqbool- Head of Membership retention committee 2018-19
Attended by 12 members

“ISO 14001:2015 Lead Auditor” Training Program
Venue: Best Western hotel, Mahboula.
Date: 23rd -27th September 2018
Trainer: Mr. Ravi Shankar - TUV Middle East W.L.L.
Attended by 20 participants
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**“BOHS W-503 Noise” Training Program**

Venue: Best Western hotel, Mahboula.
Date: 23rd 27-th September 2018
Trainer: Mr. Utpal Bhavsar- Principal Owner & HSE consultant of EHS Sustainable, India
Attended by 20 participants

**“BOHS W-507 Health Effects of Hazardous Substances” Training Program**

Venue: Best Western hotel, Mahboula.
Date: 26th October 2018
Trainer: Mr. Utpal Bhavsar- Principal Owner & HSE consultant of EHS Sustainable, India
Attended by 17 participants

**Hazard and Operability (HAZOP) Study awareness course**

Venue: Best Western hotel, Mahboula.
Date: 12th October 2018
Trainer: Mr. Mazharuddin Shaikh-Safety Engineer, Kuwait Oil Company and Mr. Arshad Ayub, Safety Engineer in Kuwait Oil Company
Attended by 35 participants
**TRAINING PROGRAMS**

Venue: Best Western hotel, Mahboula.
Date: 9th-10th December 2018
Trainer: Mr. Ravi Shankar - Trainer TUV Middle East W.L.L.
Attended by 17 participants

Venue: Best Western hotel, Mahboula.
Date: 23rd 27-th February 2019
Trainer: Mr. Utpal Bhavsar - Principal Owner & HSE consultant of EHS Sustainable, India

**Advanced Process Safety Management Training program**

Venue: ASSP-Kuwait training hall
Date: 16th 18-th February 2019
Trainer: Mr. Santhosh Kumar Shenoy
Attended by 08 participants

**BOHS W501- Measurements of Hazardous Substances Training Program**

Venue: Best Western hotel, Mahboula.
Date: 23rd 27-th February 2019
Trainer: Mr. Utpal Bhavsar- Principal Owner & HSE consultant of EHS Sustainable, India
**Training program on Authorized Gas Tester (AGT)**

Venue: Best Western hotel, Mahboula.  
Date: 17th and 29th March 2019  
Trainer: Mr. Walid Kamal – Trainer, TUV Middle East  
Attended by 23 and 17 participants respectively

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**BOHS W501 - Measurements of Hazardous Substances “Training Program”**

Venue: Best Western hotel, Mahboula.  
Date: 23rd 27-th February 2019  
Trainer: Mr. Utpal Bhavsar- Principal Owner & HSE consultant of EHS Sustainable, India
Major Highlights of HSE Events, Outreach & Other Meetings

Technical meet on an insight into BCSP Certifications

Venue: Hotel Best Western, Mahboula
Date: 30th July 2018
Trainer: Mr. Ashok Garlapati-GRVP and Mr. Sanjay Jaiswal- Safety Engineer KOC

Technical Meet on “Lean Six Sigma for HSE Professional”

Venue: ASSP Chapter meeting hall
Date: 13th August 2018
Trainer: Dr. V. Chandrasekhar is a Lead Appraiser Executive Director (Consulting & IT) from Lex Nimble Solutions Inc.
Attended by 45 participants
Commemorated International Day for the Preservation of Ozone Layer

ASSP-Kuwait Chapter in collaboration with Indo Arab Confederation Council Kuwait Chapter commemorated the international ozone day on the theme “Keep Cool and Carry on” at Lulu Hyper Market Lounge on 16th September 2018. It was attended by the dignitaries and delivered addresses on the occasion by Mrs. Rihab M. Borseli, Patron, Indo Arab Confederation Council Kuwait Chapter Mr. Dherar Khaled Al Rabah, Chairman, Durar Al Danat, Mr. Babu Francis, President Indo Arab Confederation.

The meet was very interactive, more than 70 participants gathered for the session.

Technical meet on
International Practice Speciality & Safe Journey to Life

Venue: ASSP Chapter meeting hall
Date: 13th October 2018
Trainer: Mr. Bala Siva Srikant & Muhammad Alamgir gave demonstration on the topics “International Practice Speciality” and “Safe Journey to Life” respectively

Attended by 80 participants
Technical meet on “Integration of PM & HSEMS, Barrier Modeling Risk Management and An insight into CMIOSH Certification”

Venue: ASSP Chapter meeting hall  
Date: 20th March 2019  
Trainer: Mr. Khaled Yousry-Safety Trainer & Mr. Ashok Lenka-Safety Engineer KNPC  
Attended by 60 participants

Technical Meet on  
2. Industrial Hygienist - A new challenging role for Safer & Healthier Workplace

Venue: Hotel Best Western Mahboula  
Date: 3rd April 2019  
Trainer: Mr. Tim Page-Bottorff CSP, CET & Mr. Utpal Bhavsar, CSP, CIH.  
Attended by 70 participants

MEETING WITH KOC

Meeting with KOC-the entire HSE team of KOC at KOC HEAD OFFICE.
MEETING WITH EQUATE

ASSP Kuwait Chapter delegation met Dr Ramesh Ramachandran, President and CEO of EQUATE.

TREE PLANTATION drive organized in collaboration with Indian Muslim Association-Kuwait and Raja Trading Company W.L.L

First time in ASSP Kuwait chapter’s history, a TREE PLANTATION drive organized in collaboration with Indian Muslim Association-Kuwait and Raja Trading Company W.L.L on 2nd November 2018 at Kuwait Oasis, Al Nuwaiseeb. There were 50 participants including children and planted around 500 plants.
Discussion on PDC 2019 with PIC Top Management

PDC 2019 – Launch 29th April 2019 @ Hotel Regency
Discussion on PDC 2019 with KNPC Top Management

Meeting with Manager Risk Management Group, KGOC
KPC Meeting

Meeting with Gulf Downstream Association Representatives, Bahrain
Meeting with Manager Fire KOC and KFPA
ASSP Kuwait chapter participated in Kuwait Fire and Safety Summit

Kuwait Fire and Safety Summit from 05-06 December 2018 at Jummerah Hotel, Kuwait
ASSP Kuwait members Mr. Sanjay Jaiswal, represented from Kuwait Oil Company participated in the panel discussion and Mr. Mazharuddin Shaikh presented a technical presentation of Fire Safety.

ASSP Kuwait Chapter Contractors Safety HSE Symposium

American Society of Safety Professionals (ASSP), Kuwait Chapter, in collaboration with Kuwait Oil Company and Raja Trading Company, organised HSE Symposium session 1 on 18th December 2018 at KOC Diwaniya at Ahmadi Governorate.
Highlights of OUTREACH Committee events

Driving Awareness Course For Landmark Group Drivers

As part of American Society of Safety Engineers (ASSP) KUWAIT Chapter’s community outreach strategy, a Defensive Driving Awareness session was organized on 27th October 2018 for the drivers of Landmark Group. Around 15 drivers utilized this opportunity and got benefited.

SHAASTROTSAV 2018

Participation in Shaastrot-sav - 2018 which was organized by NSS College of Engineering Alumni Association, Kuwait Chapter in association with the popular online community portal Indians In Kuwait.com (IIK).
Participation in FLUOR FDH JV Contractors Meet, Al Zour

2nd February 2019, FLUOR FDH JV, Al Zour

Participation in KNPC Contractors Day 2019

31st January 2019, Crown Plaza

Participation in KOC Contractors Day

10th January 2019, KOC
Participation in KOC D&T Contractors Meet

24th January 2019, KOC Unity Hall

Participation in ASSP MEC Conference 2019 - Bahrain

29th - 31st January 2019

ASSP Kuwait Chapter Supports KOC Tennis Tournament
Highlights of WISE Activities

Blood Donation Campaign - 2018

ASSP planned in collaboration with Shuaiba Medical Industrial Center and Central Blood Bank, organized a Blood Donation Drive on 2nd September 2018 at Shuaiba Medical Center.

More than 100 donors from Employees of M/s. Gulf Spic Gen. Trading & Cont. Company WLL donated the blood in the campaign.
American Society of Safety Professionals (ASSP), Kuwait Chapter organized an Awareness program on Breast Cancer “Be Breast Aware” on 22nd October 2018 at Best Western Hotel, Mahboula.

Ms. Sofia Val Esteban, Deputy Head of WISE Committee introduced the keynote speaker Dr. Ebtihal Al Habib, Consultant family medicine & Women’s health & Esthetic medicine, Saray Private Clinic, Kuwait.
ASSP Student Committee had a meeting with students from the American University of the Middle East (AUM). It was to provide them with guidance on an HSE-related project.

Meeting on 7th November 2018 with Industrial engineering and safety professor in American University of Middle East (AUM).
Meeting on 7th November 2018 with Industrial engineering and safety professor in American University of Middle East (AUM).

Participation in University Expo

Student Committee With ACK Professors
Chapter Executive Committee meetings

Mr. Shenoy conducting session for EC members on ISO 9001 (QMS) certification Procedures and documentations as Kuwait Chapter is in the process of applying for the same.
Highlights of Publication Committee events

ASSE changes name to American Society of Safety Professionals

American Society of Safety Engineers (ASSE) Members have showed a great vision in taking the historic step to approve the name change from ASSE to American Society of Safety Professionals (ASSP). President's address highlighted the achievement by the chapter to conduct two major events, the Leadership & Professional Development Conference and GCC HSE Excellence award, in one year term. He mentioned that all the chapter programs were focused towards chapter objectives like professional development of the members, career growth, and growing awareness, progress and environment in the region. He declared that the chapter year 2018-19 will be remembered and will come as one of the most successful year in the chapter's history.

A technical presentation on Waste Management presented by the occasional Vice President of the chapter, Mr. Ali AL-Hassan, presented the ASSE Liverpool chapter's most successful year in the chapter's history, with a variety of technical presentations and seminars on waste management. The chapter also organized a series of networking events and social activities to foster professional growth and to create a strong sense of community among its members.
ASSP Kuwait Chapter launches GCC HSE Excellence award

The American Society of Safety Professionals (ASSP) - Kuwait Chapter is pleased to launch of ASSP GCC HSE Excellence Award 2019. Fahd Al Al-K, Chairman of ASSP Kuwait chapter, Fares Al-Mansouri, Director of ASSP GCC HSE Excellence Award 2019 along with Advisory committee & Core Committee of ASSP Kuwait Chapter released the brochure for the award program on 5th January 2019 at QC Lido Center, Al-Munith, Kuwait. The purpose of the award is to recognize the leadership, excellence, and encourage exceptional performance in the field of Health, Safety and Environment in private sector companies in the GCC Region. The award is open to the private sector organizations in the GCC region who have been successful over the course of the year in managing the Occupational Health, Safety and Environment risks of workplace, development, and performance of its HSE Management System.

The award is sponsored by Kuwait Petroleum Corporation (KPC), and endorsed by the International Association of Drilling Contractors (IADC), and supported by Board of Certified Professional (BCSP), International Powered Access Federation (IPAF) and supported by Institution of Occupational Safety and Health UK (IOSH). The award will be presented to the private sector organizations under five categories: Engineering & Construction, Manufacturing, Oil & Gas, Facility & Maintenance, and Sector (Specific Contract / Project Site). Based on the award criteria, Gold, Silver, Bronze and Merit awards are presented under each category.

In addition to this, special awards are also being presented under Management of Safety Award, Best HSE Initiative Award, Best Environmental Excellence Award, Best Corporate Social Responsibility award, and Best Risk Management Award. This year award pattern is modified, so that any company can participate in any of the award according to its performance in the field. During the brochure release event Chairman, ASSP Kuwait chapter, Fahd Al Al-K conveyed best wishes to the Executive committee members and board organizing committee members for the success of the program. Fares Al-Mansouri stated that ASSP GCC HSE excellence award promotes HSE culture among the companies and commended the efforts of the ASSP Kuwait chapter for introducing such awards. He also emphasized the contractors to participate in the event.

During the launching program, Ahmad Yousif, Deputy Director of ASSP GCC HSE Excellence, welcomed the VIPs and the gathering. Yousif Rashid, President of ASSP Kuwait chapter in his opening address stated that it will be a good opportunity for the private sector companies to show case their HSE performance and benchmark their position. During the program, the website for the GCC HSE excellence award2019 was launched by Fares Al-Mansouri in the presence of invited guests from the contracting companies, ASSP Executive Committee, ASSP Advisory members, and the ASSP members.
ASSP Kuwait Chapter conducted executive committee meeting

American Society of Safety Engineers (ASSP), Kuwait Chapter is the premier voluntary, non-profit making health, safety and environmental organization, which strives to provide professional guidance, training, consultancy and resources to the industrial and social sectors in the region. American Society of Safety Engineers (ASSE) members globally showed a great vision in taking the historic step to approve the name change from 1st June 2018 as American Society of Safety Professionals (ASSP).

American Society of Safety Professionals (ASSP), Kuwait Chapter conducted its first executive committee meeting on 30th July 2018 at Hilton Resort, Kuwait. To discuss the year-long activities as per the chapter by-laws. Aamir Rasheed, Chair President welcomed all members to the first EC meeting and thanked everyone for accepting their roles to support ASSP Kuwait Chapter. Eng. Faithel Al Ali, Chairman, ASSP Kuwait Chapter emphasised on the team work and planning well in advance. Jalal Thakor, Secretary presented the report of June & July 2018. The executive committee discussed the annual planner which is inline with chapter’s goal of working together for the safer and stronger future.

The following members attended the first EC meeting: Eng. Faithel Al Ali, Chairman, President Aamir Rasheed, Vice President Sunil Sadanandan, Secretary Jalal Thakor, Treasurer, Safdar Ali Khan, Rishi D. Javan Sr. Executive, Venkata Ramana Pendla Jr. Executive, HSE Events Committee Adnan Yousef, Head of Professional & Career Development Committee Ehab Said Elayer, Deputy of Training Ali Ashraf, Deputy of Publication Mohammad Yousuf, Head of Web Development Committee Farhan X Ahmed, Head of Outreach & Govt affairs Balvant Singh, Head of WINE Committee Dr. Shaikha AlAfiqan, Head of Membership Development Committee Abdul Elham, Head of Membership Retention Committee Tarig Makhoul. The meeting concluded with the closing address by Sunil Sadan and, Vice President, ASSP Kuwait Chapter.

ASSP Kuwait hosts first Toastmasters Club demo meeting

The American Society of Safety Professionals (ASSP), Kuwait Chapter and District 20 team, under the guidance of Division C Director Raman Kumar, conducted the first demo meeting of ASSP Kuwait Toastmasters Club at Faisheel under Area 18. The meeting was attended by District Program Quality Director D/N Waheb Al Al-Salmani, Immediate Past District D/P Director D/N Mahesh, Division C Director D/N Chris, Kunthavoor, DTM Don Prades and senior Toastmasters and members. The high-octane meeting was managed by the dynamic Toastmaster of the Day 1 TM big Citizens. TM Oria Hadish added the sweetness to the meeting with her innovative chocolate-eden table topics.
In Brief

- This review study helps understand various types of pressure testing to pipes and vessels which are essential parts of quality control and measure of integrity of the equipment. In turn, it becomes easy for a technical professional to identify hazards associated with the pressure testing operation.
- By identifying hazards and risks associated with such operations, concerned personnel can assess the risk and develop appropriate mitigated measures to bring the risk to as low as reasonably possible thus preventing the personal injuries and property losses. This also helps avoid much undesirable project delays.
- These simple, easy to deploy, safe work practices can help the team members to plan strategically and execute the pressure-testing task to the benefit of the industry as well as employees and workers.

Background and Introduction:

Whereas modernization, industrious capacity expansion and construction of new industries has been boon for the mankind for its civilized society and luxurious living, it has its darker side as well – the accidents leading to personal injuries which has claimed many lives and caused disabilities to many industrial workers globally. Pressure testing of process piping, though it may appear safe, is potentially hazardous operation and proved fatal in past when adequate controls were not in place.

Process pipes are principally designed and used for transportation of fluids in almost all kind of production operations as well as service facilities right from the simplest water pumping station and Gas/Petrol Station to the more sophisticated and large Petroleum and Petrochemical/Fertilizer/Steel industries. The material section for the process piping and pipe thickness varies depending upon the fluid type (Corrosive etc) to be served and the pressure of the same plus other physical and chemical properties of the fluid.

To prevent failure of process piping, it is essential that the pipe’s integrity is maintained and it is operated within the designed parameters of its pressure and flow. Pressure testing of process piping is one measure to determine piping integrity and it is carried out in the very beginning prior to the Plant Startup / Commissioning and then followed up after every modification done to the pipe or at predetermined period of time (say 5 years) based on individual company’s approved policies, standards and procedures.

The pressure testing activity has inherent hazard it is execution. The past experience reveals many pipe failures during its pressure testing resulting in fatalities. The loss of precious human life can be prevented and injury and sufferings of workers can be controlled by following the best practices in the industries and established safe procedures. The purpose of pressure test are

- To verify structural Integrity of a piping segment
- To establish operating pressure limit
- To verify absence of leaks
- To verify service suitability
- Before returning a line to service
- Before changing the service of a line
Hydrostatic Testing: A testing that requires a component is completely filled with a liquid, such as water. Pressure is slowly applied to the liquid until the required pressure is reached. This pressure is held for the required time at which point the component is inspected visually to locate leaks or the pressure on the gauge is recorded to determine the components total leakage.

Pneumatic Test: A pressure test conducted using air or other approved gas (inert gas) as the test medium.

Proof Pressure Test: A test made when formal design calculations of the required thickness of all piping parts have not been accurately performed or are in doubt. The purpose of this test is to demonstrate the integrity of the piping. The test is applied gradually until the test pressure is reached or until significant yielding of any part of the piping occurs. This type of test requires detailed prior analysis and inspection work. It is not applied for new installations or modifications to properly designed existing systems.

Standard Pressure Test: This test is used when the formal design analysis for the required thickness of all piping parts have been performed. The objective of this test is to prove the quality of materials used and the construction of the piping before it is allowed to enter or re-enter the service. This test is carried out at 1.25 to 1.5 times the design pressure.

Test Performing Party (TPP): An organization or contractor approved by Company for managing and physically undertaking all the pressure testing phases including disposal of the testing media.

Pressure Test Plan: In order to prevent failures and mitigate losses, TPP shall prepare the test plan that will include the following topics as a minimum:

- The purpose of the plan;
- Categories of flaws and threats;
- Safety of the testing process;
- Communications;
- Operating conditions;
- Types of pressure test considered;
- Maximum test pressures;
- Historical engineering and operation documents;
- Piping/pipelines characteristics;
- Target test pressures and pressure testing durations;
- Pressure test acceptance criteria;

Hazard Identification and Risk Assessment for the Pressure Testing: Risks associated with pressure testing activity must be considered by the TPP. The risk assessment report must be agreed by all parties concerned before obtaining the work permits.

- Hazard identification;
- Decision on who might be harmed and how;
- Evaluating the risks and deciding on precautions;
- Recording the findings and implementing them;
- Reviewing the assessment and updating as necessary.

Hazard Identification:

- The main hazard when pressure testing is the unintentional release of stored energy. Pneumatic testing can lead to a blast wave and missiles. Hydraulic testing blast has little energy.
- The hazards presented by the compressibility, flammability and toxicity of the testing medium should also be considered.

Stored Energy: Failures of equipment and piping under pressure testing would release stored energy due to the following reasons which must be considered by the TPP:

- Rupture due to brittle fracture;
- Rupture due to ductile fracture;
- Detachment or removal of blanks, bolts, screwed plugs, isolation valves, etc.
- Detachment of temporary welds on plugs, at pipe ends and nozzles

Hazard and necessary controls during Pneumatic Testing: Following hazards and controls should be understood and exercised to prevent accidents.

- The energy released during a total failure of pressure equipment/piping containing compressed air at pressures frequently used in pressure testing is more than 200 times the energy released by the same volume of water compressed to the same pressure.
- Pneumatic testing shall only be carried out when hydraulic/hydrostatic testing is not practicable and with the permission of the Company. The following are cases where pneumatic testing may be allowed:
- when the internal surfaces of equipment/piping will be contaminated by the hydraulic test medium;
- When the pressure equipment/piping supports and/or foundations are not capable of supporting the weight of the equipment/piping filled with the test
• When performing pneumatic testing, the test recording equipment and personnel should be located a minimum of 150 feet (~46.0 meters) from the equipment/piping under the test. Major work around the testing area and movement of personnel not involved in the test should be prohibited.

• Pneumatic testing using oxygen shall be entirely prohibited. Only air or inert gasses are allowed.

Testing Preparation and Procedure: Below test procedure aids safe pressure testing.

• The internal and external welds and joints where leaks are often found shall be free of oil, grease, flux, slag, or other contaminants that might temporarily block or mask leakage. New systems should be tested prior to painting, where practical.

• Hydrostatic testing should not be performed before a leak test using air or a tracer gas. The liquid test media may clog small leaks causing later tests to be inaccurate.

• The minimum temperature of the liquid should be 7°C.

• For Stainless steel, nickel, or chromium alloys piping, the Halogen or Sulphur content of the de-ionized testing water shall be less than 50 ppm for each.

• Testing shall not start until the fluid has stabilized and the metal temperature and the fluid temperature are approximately the same.

• For carbon steel piping, rust inhibitor shall be used.

• Pressure source and test gauge should be upstream of check valve. If pressure source is downstream, check valve should have flapper removed or jacked up. (Pressure must be released downstream of check valve after test completion.)

• Ensure that test blinds installed are the correct thickness. Ensure that all items such as control valves, relief valves, rupture disks, orifice plates, diaphragm instruments, expansion joints, etc., which could be damaged during pressure test have been removed or isolated, as indicated on the approved pressure test loop / flow diagram.

• Ensure that equipment, such as filters, which have internals that may be damaged during the pressure test; are either blocked from test or that internals have been removed.

• Check all permanent and temporary supports that are marked on the pressure test flow diagrams, piping arrangement drawings or spool drawings have been properly installed.

Safety requirements during Pressure Test: Following safety precautions shall help mitigate losses during the pressure testing operations:

• TPP shall outline safety precautions and provide procedures for personnel who perform the test (hot work permits, confined space entry, personal protective equipment, lock-out/tag-out procedures, etc.).

• TPP shall conduct hazard assessment and safety meetings with personnel who will perform the test.

• TPP shall require all personnel conducting a hydrostatic test to comply with all regulatory and HSEMS procedure.

• TPP shall identify precautions and procedures to minimize risk to the public and the environment, especially when chemically treated test water is to be used and during the removal of the test medium.
• TPP to consider measures necessary to restrain temporary piping and hoses used during filling of the line with the test medium, during the pressure test and during the removal of the test medium.
• TPP to consider additional measures to respond to possible test failures.
• Safety valves of adequate size and marked with the set pressure should be installed in or close to the test supply line to prevent the test pressure being exceeded. It should not be possible to isolate these valves from the testing medium pressure. Safety valves should be maintained in proper working condition and should have been tested for set pressure before using.
• Flexible pipes and hoses and their connections should examined to reduce the risk of them bursting or coming apart. Safety restraints should be attached so as to prevent flexible pipes flailing about in the event of them coming apart.
• The pressure test gauge and charts shall normally be located at grade near the test pump.
• Pressure test gauges shall be calibrated to ensure accurate readings. Gauges should be tagged with the date they were last calibrated.
• Care must be exercised not to exceed pressure test specified on the pressure test data and procedure.
• Maintain pressurizing rate as per the approved procedure;
• Provide stabilization period as per the procedure.
• Check all visible connections for leaks.
• Never tighten connections that are under pressure. If a leak develops, you must depressurize to a safe level and then retighten.
• Ensure unauthorized personnel are kept out of the test area.
• Walk the piping route to visually check for evidence of leaks during the pressure test.
• If a rupture or a substantial leak occurs, the test should be stopped to determine the cause and the necessary steps taken to repair the source of leak or area of failure. Retesting shall be started after obtaining the permission of Company.
• If a small leak occurs, the pressure shall be reduced to an appropriate level while locating the leak. After repairs, the test shall be restarted with a new hold period for either a strength or leak test.
• Confirm acceptance of test by authorized Company representative.

Conclusion:
Unplanned or poorly prepared and planned pressure testing activities can lead to personal injuries, disabilities, fatality and/or property damages. In addition, such accidents do cause disruption in project time line due to investigation and statutory interventions, which ultimately have bearing on the company reputation and its bottom line. Adoption of the stated safe work practices and procedures and addressing the identified hazards through integrating safety control measures in the planning stages in its method statements and project/maintenance procedures can alleviate the risk to a greater extent thus assuring the management of attaining the goal of safe execution of the project and activities. The raised workers morale and reduced workers compensation costs are hidden benefits than increasing productivity and profitability.

References:
KOC.G.11 – “Test Water for Hydro testing and Lay-up”
KOC.PS.004 – Safety in Pressure Testing of Process Piping
HSE Guidance GS4: “Safety in Pressure Testing”
API PUBL 1157: Hydrostatic Test Water Treatment and Disposal Options for Liquid Piping Systems
Board of Certified Safety Professionals (BCSP), Headquartered in Indianapolis, Indiana, United States of America, is a not-for-profit corporation recognized as a leader in high-quality, accredited credentialing for safety, health, and environmental (SH&E) practitioners. BCSP establishes standards and certifies competency criteria in professional safety practice. Since 1969, over 70,000 of BCSP’s CSP, SMS, ASP, OHST, CHST, STS, STSC, or CET certifications have been achieved. Since that time, BCSP has been setting and certifying the technical competency criteria for safety, health, and environmental practitioners.

To raise awareness about the value of accredited safety certifications, BCSP established the BCSP Ambassador Program, an outreach initiative that engages select volunteers among BCSP certification holders to represent BCSP at events and speaking engagements with stakeholders in the safety, health, and environmental (SH&E) field. The BCSP Ambassador Program was launched in 2017 to raise awareness about the value of accredited safety certifications. It is designed to engage volunteers among BCSP certification holders to represent BCSP at events and speaking engagements with stakeholders in the safety, health, and environmental (SH&E) field. BCSP Ambassadors exemplify the high standards and achievements of today’s safety professional. Selection to this Ambassador Program is very competitive process and only limited number of Ambassadors are selected by BCSP.

American Society of Safety Professionals, Kuwait Chapter proudly congratulates the following of its two members

Mr. Ashok Garlapati, CSP, QEP, CFIOSH who is working as HSE Consultant in HSE (Drilling & Technology) Team of Kuwait Oil Company, Kuwait. He is also one of the founding members & Past President of ASSP Kuwait Chapter. Currently he is extending his voluntary services to ASSP as Region IX (Global Region) Vice President 2017/2019 and as Advisory Committee Member of ASSP Kuwait Chapter. He also registered Mentor of BCSP and mentored many BCSP aspirants around the world including Kuwait, UAE, Qatar, Oman, India, Singapore, Canada, USA, Pakistan etc.

Mr. Bala Siva Srikanth Adivi CSP, CMIOSH who is working as TPL Specialist I (HSE) in HSE (South & East Kuwait) Team of Kuwait Oil Company, Kuwait. He is one of the senior members of ASSP Kuwait Chapter who has been extending his voluntary services to Kuwait Chapter in many capacities. Currently he is extending his voluntary services to ASSP, USA as Administrator of International Practice Specialty (IPS) and Member of Council of Professional Development (CoPD). He also mentored many professionals for achieving these certifications.

If any person/member has any queries related to BCSP Certifications, above ambassadors may please be contacted directly or through Kuwait Chapter. ASSP Kuwait Chapter extends best wishes to both of them.

For more information:

www.bcsp.org

https://www.bcsp.org/About/BCSP-News/bcsp-ambassador-program-welcomes-new-international-certificants
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