ASPRI: A Year in Review

In line with ASPRI's mission to connect various industry stakeholders, engage industry players in strategic partnerships and facilitate growth opportunities, the association was extremely busy in the 2018/19 operating year. We continued to place a strong emphasis on partnering and collaborating with key government agencies and industry stakeholders, including plant owners, and wrapped up another year with a slew of programmes and activities that benefited many of our members.

Connect

ASPRI believes in building more than a network. This year, we were focused on bringing together people who are directly or indirectly involved in the Process Industry. Our diverse networking events throughout the year connected groups of acquaintances and associates that share common goals and even challenges, allowing opportunities for possible partnerships and joint ventures.

Engage

With the ever-evolving field of Human Resources (HR) and members facing increasingly difficult business challenges, the association continued to provide a platform for member companies to engage with government agencies. Closely working with partners such as Singapore Human Resources Institute (SHRI), Ministry of Manpower (MOM) and Enterprise Singapore (ESG), we organised several seminars and advisory clinics. In doing so, member companies were able to raise their concerns, seek clarity and stay up to date.

Grow

Dedicated to bringing members closer to share, learn and grow together, ASPRI organised multiple knowledge-sharing sessions of topics that were deemed important to member companies such as driving scale and growth, legal matters and cybersecurity, just to name some. From each session, members walked away with information that they could apply to develop their businesses further.

At the same time, disruptive technologies, from artificial intelligence to machine learning, and volatile economy are changing the landscape of the industry. We are confident that ASPRI will meet the challenges going forward by identifying and drawing on a combination of technical expertise, innovation, commitment, and partnership with government agencies and key Energy and Chemical (E&C) stakeholders to ensure the interests of our members are well represented and addressed.

EVENT HIGHLIGHTS

Connecting Process Industry Stakeholders

ASPRI PROCESS INDUSTRY PROSPERITY LOHEI DINNER 2019

ASPRI ushered in the Year of the Golden Pig together with over 650 guests comprising representatives from nearly one-third of our total membership of 517 and about 40 representatives from government agencies, plant owners and industry partners at our Process Industry Prosperity Lohei Dinner on 12 February 2019.

Held at the Grand Copthorne Waterfront Singapore, the event was graced by Guest-of-Honour Dr. Koh Poh Koon, Senior Minister of State, Ministry of Trade and Industry.

In his welcome speech, ASPRI President Charles Quek shared with the guests that in 2018, ASPRI had over 50 events, seminars, workshops and networking sessions - one event for every week throughout the year, well attended by more than half of our 517 member companies. He thanked member companies for their participation.

He also highlighted that the association would be completing and rolling out the 13 WSQ Skillset and launching a novel 4-in-1 training skid by the middle of 2019.

Mr Quek concluded his speech by encouraging members "to continue to upskill their work force, build strong capabilities and collaborate with fellow members to co-create a bigger, better and brighter Process Industry in Singapore and beyond".

Minister Koh, in his speech, commended ASPRI for being one of the progressive Trade Associations and Chambers (TACs) with its training division for conducting a record high of more than 260,000 training hours for 27,000 PCM workers in 2018.

Continuing the traditions of the six previous years, the Association gave out the ASPRI Star Award 2019 to the most deserving supporter and contributor to the development of the PCM industry. This year's award was presented to Mr James Goh, Immediate Past President (2012 – 2019) who, as ASPRI's 5th President (2004 – 2012), help strengthened the capabilities of members. In 2005, Mr Goh also led ASPRI to become a pioneer TAC to embark on the Local Enterprise and Association Development (LEAD) programme together with the then SPRING Singapore and IE Singapore.

A landmark industry event was also celebrated on that evening. Witnessed by Minister Koh, ASPRI signed a Memorandum of Collaboration (MOC) with the Singapore Welding Society (SWS) to allow our trainees to take one test and receive 2 certifications from the Singapore Workforce Skills Qualifications (WSQ) national training credential system and to meet the criteria for the enhanced R1 for lower levy.

True to ASPRI's objective of Connect, Engage and Grow, the annual affair was most enjoyable for our industry friends and partners. The audience was treated to a display of drones to signify steps taken by ASPRI towards digitalisation. Other entertainment highlights of the night include an entrancing performance from a mentalist that left the audience in awe, the humorous host that gave lottery digits and made everyone go into fits of laughter during the stage games, and the ever-exciting lucky draw that saw six lucky winners going home with attractive prizes.

EVENT HIGHLIGHTS

Connecting Process Industry Stakeholders

ASPRI AGM 2019

Over 40 members attended the ASPRI Annual General Meeting (AGM) held at SPRUCE @ Firestation on 10 July 2019.

In his speech, Mr. Charles Quek, President of ASPRI 12th Executive Council gave a brief update on the outlook for the industry and shared with members the progress that ASPRI had achieved since the last AGM.

It was announced that ASPRI will be offering members up to 50% subsidy off the 13 WSQ Process skillset course fees till 31 December 2019.

Members approved the Association's ASPRI's Audited Accounts for FY 18/19 that was presented by Mr. Danny Chua, Treasurer of ASPRI 12th Executive Council, and adopted several amedments to the constitution.

For the first time, the meeting utilised digital technology to interact with the members. For instance, they were encouraged to download relevant meeting materials for viewing on their mobile phones. Feedback was also collected through an online platform.

The AGM concluded in under an hour, giving members the opportunity to connect and engage with one another.

PROCESS INDUSTRY DINNER AND DURIAN APPRECIATION NIGHT

About 150 representatives from 77 member companies and industry partners attended the inaugural Process Industry Dinner & Durian Appreciation Night at SPRUCE @ Firestation, after the AGM on 10 July 2019.

Two human resource experts were invited to share interesting insights on understanding and hiring employees using colour personality tests. Mr. Thomas Lim, General Manager, ACI HR Solutions, spoke on "Hiring Strategies – How to attract and retain top talent in your organisation", while Mr. Chris Cherry, General Manager, Equilibria, introduced the "Personality Diversity Indicator" and "How to understand personalities and work with people who may be different from you".

The most anticipated highlight of the night was the inaugural Durian Appreciation where 4 cultivars of durian were introduced to the guests. The interactive session helped demystify myths about durian, as the guests savoured the durians and chatted with one another in a "kampong spirit" environment.

ASPRI received many positive feedback and we would like to thank e2i for their support in this memorable networking night.

SCIC-ASPRI GOLF TOURNAMENT AND NETWORKING SESSION 2019

On 16 August 2019, Singapore Chemical Industry Council (SCIC) collaborated with ASPRI for the second consecutive year to jointly organise the Annual Golf Tournament at Sembawang Country Club. The whole golf course bathed in the warm glow of the sun as over 70 members gathered to represent their companies to vie for the tournament title.

Amidst the friendly game, golfers had the opportunity to network, build new relationships and catch up with old friends. As the day drew to a close, winners from the tournament were presented with their trophies. Additionally, members were treated to the much-awaited lucky draw, boasting attractive prizes.

The whole event proved to be a great success with many already expressing their interest to participate again in the next golf tournament. SCIC and ASPRI would like to thank members for their participation and congratulate all winners once again.

EVENT HIGHLIGHTS

Connecting Process Industry Stakeholders

ASPRI 7TH LUNAR MONTH CELEBRATION

The association celebrated 22 years of tradition since establishment at its 7th Lunar Month Celebration on 23 August 2019. This year saw the raising of $67,888 for beneficiaries – Kidney Dialysis Foundation (KDF), Pioneer and Taman Jurong CCC Community Development & Welfare Funds.

In the morning, members gathered at the ASPRI Integrated Training Centre (AITC) to pray for the Industry's safety and prosperity. It also served as an opportunity for attendees to explore potential business opportunities through strengthening of friendship and building trust over a scrumptious spread of vegetarian buffet.

The evening festivities begun at Joy Garden Restaurant in Jurong SAFRA with close to 500 members present. Dignitaries who graced the occasion included Mr. Cedric Foo, Member of Parliament, Pioneer Single Member Constituency as the Guest of Honour. With a line-up of duets, dance and bountiful gourmet dinner in store, it was certainly a night to remember.

The energy in the room turned electric when presented with the charity auction. Members engaged in friendly bidding wars for the auction items that included an array of Auspicious Oranges signifying prosperity for the recipients and the Singapore Bicentennial $20 commemorative notes depicting the nation's long journey to becoming a vibrant city.

Notable contributors of the night included HSL Constructor Pte Ltd, whose CEO is ASPRI's President Mr. Charles Quek, with a generous amount of $4,000 towards Kidney Dialysis Foundation (KDF). This amount was topped up with $4,000 from Mr. Roger Chia of Rotary Engineering Pte Ltd. The segment was led by KDF ambassador, the seasoned actor and 'Mr Unbelievable' Chen Tian Wen.

Mr. James Ng from U&P Pte Ltd successfully bidded for an item that amounted to $14,888 for the Pioneer CCC Community Development and Welfare Fund.

The first top bid of $15,000 came from Mr. Lui Kam Keong, Director of K&L Project Pte Ltd as contribution to the Taman Jurong CCC Community Development and Welfare Fund. This amount was topped up with $15,000 from Mr. Roger Chia once again and another $15,000 from Mr. Kelvin Teo of Centurion Corporation Limited.

ASPRI gratefully acknowledges those who have contributed to our 7th Lunar Month Celebration auction dinner.

INDUSTRY INITIATIVES

Engaging Industry Players in Strategic Partnerships

ASPRI-ENTERPRISE SINGAPORE (ESG) ADVISORY CLINIC SESSION

To help members understand how advanced technology can boost productivity, improve operation and grow their business, ASPRI organised another advisory clinic for member companies in collaboration with Enterprise Singapore (ESG).

At the second session held on 26 July 2019 at the Trade Association Hub, ESG shared with about 20 members on the various programmes such as the Productivity Solution Grant (PSG) and Enterprise Development Grant (EDG), designed to support the companies in the Process sector to build capabilities, improve productivity and internationalise.

The participants were also introduced to Human Capital Management solutions such as the HC Diagnostic Tool that assesses and helps companies develop HR practices and the One-Stop HR Resource Portal for convenient access to various relevant information and materials.

This was followed by a break-out session where participating companies could seek advice from ESG on a one-to-one basis.

Participants found the break-out sessions useful as the setting was a great opportunity for them to have open and fruitful conversations and to have a better understanding of how companies could benefit from the various programmes.

INDUSTRY INITIATIVES

Engaging Industry Players in Strategic Partnerships

LAUNCH OF JURONG ISLAND VISION ZERO CLUSTER

ASPRI being part of the steering committee for the Jurong Island Vision Zero Cluster is proud to launch this initiative together with the community from Jurong Island on 23 November 2018 at Jurong Town Hall.

Vision Zero is a nationwide movement launched in 2015. It aims "to inculcate a mindset that all injuries and ill health at work are preventable and a belief that zero harm is possible."

The Jurong Island community is the first in Singapore to form a Vision Zero Cluster. It is an initiative of the Jurong Island Vision Zero Working Group that was set up in January 2018, under the Workplace Safety and Health Council (Chemical Industries) Committee.

The launch of the cluster was graced by Minister of State for National Development and Manpower Mr. Zaqy Mohamad and attended by more than 100 representatives from companies on Jurong Island.

In his speech, Mr. Zaqy said the companies on Jurong Island employ thousands of workers who carry out process operations involving hazardous materials such as crude oil, flammable petroleum products, and corrosive chemicals.

"During maintenance or turnarounds, many more workers are involved. Hence, the Workplace Safety and Health standards on the island must be maintain at the highest level possible," he added.

ASPRI firmly believes that the cluster approach will present additional benefits to the companies involved, as members are able to learn from each other's experiences as well as share best practices and innovations to heighten WSH Health standards.

INDUSTRY INITIATIVES

Growing our Manpower Capability

EXPLORING ALTERNATIVE FINANCING AND UNLOCK WORKING CAPITAL

Recognising the financial difficulties that members may face from time to time, ASPRI took the lead in organising a seminar on alternative financing with partners from Minterest, Nufin Data, SMECentre@NorthWest and Singapore National Employers Federation (SNEF). This event was also supported by the Employment and Employability Institute (e2i).

The seminar held at Trade Association Hub on 9 November 2018 was over-subscribed with many members showing interest in the various topics, including

- Strategies to Optimise Your Business Cash-flow
- Strategies to Unlock Working Capital
- Leveraging on Technology
- How to Formulate Strategies and Action Plans for Financial Stability

The seminar featured knowledgeable and engaging speakers who made their presentations interactive and interesting. Participants noted that many of the issues raised were relevant to them and they were able to visualise actual application in their daily operations.

A representative from of CIS Automation Pte Ltd who attended the seminar found it "really informative for start-up companies in-terms of financial planning and manpower planning."

INDUSTRY INITIATIVES

Growing our Manpower Capability

CHANGES TO THE EMPLOYMENT ACT (EA) AND WHAT IT MEANS FOR YOU!

To help members understand the amendments to the Employment Act (EA) which took effect on 1 April 2019, ASPRI collaborated with Singapore Human Resources Institute (SHRI) and Mr. Jeffrey Lim from Joyce A. Tan & Partners LLP to organise a seminar at the Trade Association Hub on 6 March 2019.

More than 75 members attended the seminar that was supported by the Employment and Employability Institute (e2i) and designed to help members comprehend the changes and learn how to mitigate legal disputes, if necessary.

The presentation was lively and interactive. Members were introduced to valuable HR-related grants and programmes such as P-MAX and Place-and-Train schemes from e2i. They also received an attractive SHRI discount code for related courses aligned with the theme of the seminar. Their concerns and queries were adequately addressed by speakers, who are known experts in their respective fields.

THE EMPLOYMENT OF FOREIGN MANPOWER ACT AND BUSINESS CONTINUITY THROUGH STRATEGIC HR

With Process Construction and Maintenance (PCM) service companies continuing to face difficult challenges in recruiting and developing their workforce, ASPRI organised a HR-centric seminar on business continuity for its members at the Trade Association Hub on 22 May 2019.

The seminar was presented in collaboration with the Ministry of Manpower (MOM), Enterprise Singapore (ESG), and the National Centre of Excellence for Workplace Learning (NACE) from Nanyang Polytechnic and featured speakers from each of them.

The speakers were:

- Mr. Sherwin Tan Deputy Director, Foreign Manpower Unit, Workplace Policy and Strategy Division Ministry of Manpower (MOM)
- Mr. Albert Tan Manager National Centre of Excellence for Workplace Learning (NYP-NACE)

- Mr Yao Min Development Partner, Human Capital & Resources Division Enterprise Singapore (ESG)

This was the second HR seminar of 2019 and it was again over-subscribed. Regretfully a handful of member companies had to be turned away.

During the half-day seminar, participants had the opportunity to clarify uncertainties directly with their very own on-the-ground realities with the MOM. They were also captivated by the possibility of having a structured on-job-training blueprint that creates consistency in new operations as well as builds a culture of learning as a competitive strategy.

More importantly ESG helped many of the participants to understand human capital needs of the process industry, including identifying areas that require refining for their human capital development journey.

ASPRI would like to thank our partners and members for the strong support and active participation.

DISCOVER NEW WAYS TO ENHANCE YOUR BUSINESS

With the support of Employment and Employability Institute (e2i) and Singapore National Employment Federation (SNEF), ASPRI successfully organised a knowledge-sharing session on 18 September 2019. Over 30 member companies gathered to gain valuable insights from experts in various fields on how they could enhance their business.

A high percentage of contract disputes arose from what the contract means. This was exactly why Mr. Johnny Lim and Ms. Debby Lim from Shook Lin & Bok LLP covered key terms that members should look out for in contract agreements and even shared real-life scenarios so that they could relate them to their own situation.

The attendees also learnt how to tackle the ever-increasing problem of cyber attackers becoming inventive with online ransom attacks. Director of Cyber Security Agency of Singapore, Mr. Yum Shoen Yih, provided simple tips that could easily mitigate approximately 70% vulnerability of companies dealing with sensitive data. Lastly, there was also a presentation from SNEF on grants available for recruiting PMETs which members found useful.

The day ended with members enjoying networking with one another and with the speakers over a range of refreshments. ASPRI would like to thank all members who attended the seminar and hope that more members can join us in this journey of continuous learning.

MANAGEMENT TEAM

ASPRI 12TH EXECUTIVE COUNCIL

With effect from 1 October 2019, Mr Tsutomu Terashima has stepped down as Secretary. Mr Terashima has completed his assignment in Singapore and would be returning to Japan for the next phase of his career.

We would like to extend our appreciation to Mr Terashima for his contributions to the Association and the industry.

Mr Steven Nah has been appointed as Acting Secretary in accordance to our constitution.

PRESIDENT
Mr Charles Quek
Chief Executive Officer
HSL Constructor Pte Ltd

IMMEDIATE PAST PRESIDENT
Mr James Goh
Chief Executive Officer
FRP Products Co. Pte Ltd

VICE PRESIDENT
Mr Francis Tay
Managing Director
Kaoson Integrated Engineering Pte Ltd

SECRETARY
Mr Tsutomu Terashima
Managing Director & CEO
JGC Singapore Pte Ltd
(Stepped down on 1 Oct 2019)

TREASURER
Mr Danny Chua
Managing Director
CYC International Pte Ltd

ACTING SECRETARY
Mr Steven Nah
Managing Director
Shing Leck Engineering Service Pte Ltd

ASSISTANT TREASURER
Mr Melvin Tan
Managing Director
Cyclect Electrical Engineering Pte Ltd

COMMITTEE MEMBER
Ms Huang Wen Jia
General Manager
Cuestar Industry (S) Pte Ltd

COMMITTEE MEMBER
Mr Jimmy Chua
Chief Executive Officer
Huationg (Asia) Pte Ltd

COMMITTEE MEMBER
Mr Daniel Ong
General Manager
Mighty Engineering & Construction Pte Ltd

ASPRI'S SUB COMMITTEES

ASPRI MEMBERSHIP & GENERAL AFFAIRS COMMITTEE (MGAC)

POSITION	NAME	COMPANY
Chairman	Mr Francis Tay	Kaoson Integrated Engineering Pte Ltd
Co-Chairman	Mr Loh Lock Mun	FRP Products Co. Pte Ltd
Vice-Chairman	Mr Steven Nah	Shing Leck Engineering Service Pte Ltd
Vice-Chairperson	Ms Huang Wen Jia	Cuestar Industry (S) Pte Ltd

ASPRI YOUTH COMMITTEE (YC)

POSITION	NAME	COMPANY
Chairman	Mr Steven Nah	Shing Leck Engineering Service Pte Ltd
Co-Chairman	Mr Danny Chua	CYC International Pte Ltd
Deputy Chairman	Mr Andy Seah	HSL Constructor Pte Ltd
Deputy Chairman	Mr Soon Wei Min	Mirador Building Contractor Pte Ltd
Members	Mr George Lee	EBT Engineering Pte Ltd
	Mr Tan Ping Hao Deacon	Ensure Equipment Pte Ltd
	Mr Jeffrey Soon	Heatec Jietong Pte Ltd
	Mr Seah Chee Wei	Jackson Supplies Pte Ltd
	Mr Kenny Lee	Petracarbon Pte Ltd

AITC – TECHNICAL ADVISORY COMMITTEE (A-TAC)

POSITION	NAME	COMPANY
Chairman	Mr. Thomas Chong	IEG Process Services Pte Ltd
Vice-Chairman	Mr. Daniel Ong	Mighty Engineering & Construction Pte Ltd
Member	Mr. Danny Chua	CYC International Pte Ltd
	Mr. Loh Lock Mun	FRP Products Co. Pte Ltd
	Mr. Fan Ming Keong	Plant Engineering Services Pte Ltd
	Mr. Steven Nah	Shing Leck Engineering Service Pte Ltd

ASPRI'S STRATEGIC THRUST WORKGROUPS

KNOWLEDGE, EDUCATION, EXPERIENCE & NETWORKING (KEEN)

Objective Statement:
"Bringing members closer to Share, Learn and Grow Together"

POSITION	NAME	COMPANY
Lead	Mr. Daniel Ong	Mighty Engineering & Construction Pte Ltd
Co-Lead	Ms. Huang Wen Jia	Cuestar Industry (S) Pte Ltd

DIGITALISATION & INNOVATION TECHNOLOGY ADOPTION (DITA)

Objective Statement:
"To promote members' adoption of Digitalisation, Innovation and Technology so as to enhance their productivity and competitiveness."

POSITION	NAME	COMPANY
Lead	Mr. Danny Chua	CYC International Pte Ltd
Co-Lead	Mr. Steven Nah	Shing Leck Engineering Service Pte Ltd

GOVERNMENT ADVOCACY

Objective Statement:
"To facilitate change and the development of new areas of policy, in order to maintain global competitiveness, productivity and business sustainability and to deal with emerging challenges to the engineering service providers in the process sector."

POSITION	NAME	COMPANY
Lead	Mr. Melvin Tan	Cyclect Electrical Engineering Pte Ltd
Co-Lead	Mr. Jimmy Chua	Huationg (Asia) Pte Ltd

ASPRI ORGANISATION CHART

ASPRI 12TH EXECUTIVE COUNCIL

Mr Wayne Yap
Executive Director

Finance

Mr Lung Sze Wynn
Finance Manager

Ms Karin Choong
Assistant Manager
Accounts

Mr Lee Kwok Fai
Assistant Manager
Accounts

Mr Andy Yeo
Executive
Accounts

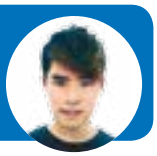
ASPRI Secretariat

Ms Chantal Quek
General Manager
ASPRI Secretariat

Mr Dennis Cheok
Acting Manager

Ms Ouvai Kumbalingam
Senior Executive
Membership & Projects

Mr Melvin Pang
Senior Executive



Ms Shobana Paneer
Executive

Ms Tan Pei Ni
Executive

Mr Darren Ong
Executive

Mr Chris Lim
Chief Trainer

Mr Peter Ho
Trainer

Mr Pandian Palaniyandi
Trainer

Mr Jefferson Tan
Trainer

Mr Prasad Bokka
Trainer

Mr Lee Kah Bee
Trainer (Contract)

Mr Low Hong Keng
Trainer (Contract)

Mr Neo Cheow Lang
Trainer (Contract)

Mr Tham Kok Cheong
Trainer (Contract)

Executive Director, Mr. Wayne Yap, leads the team with the support of 30 employees.

The ASPRI Secretariat team assists in the strategic direction of the EC through forging more alliances and strengthening its collaboration with industry partners to deliver value-added initiatives for members.

ASPRI-IPI enhances the operating standards and employability of the workforce in the Process Industry through various skills upgrading initiatives.

ASPRI-IPI

Ms Caphine Lee
General Manager
ASPRI-IPI

Mr Cai Hong Wei
Centre Manager

Mr David Ng
Executive
Training & Operations

Ms Pamela Lim
Executive
Training & Operations

Mr Lee Wei Hao
Executive
Training & Operations

Mr Ben Tay
Manager
Administration & Quality

Mr Muhamad Hafiz Bin Hazahal
Senior Executive
Administration & Quality

Ms Anizah Binte Ahmad
Senior Executive
Administration & Quality

Mr Alvin Tan (Mac)
Assistant Manager
Facilities & Project

ASPRI MEMBERSHIP

Categories

ASPRI members support the Process Industry in the areas of Plant Construction and Maintenance (PCM). Our members offer an extensive range of engineering services, across the domains of mechanical, electrical and civil engineering.

Membership is open to companies that are affiliated to the Process Industry (namely the petroleum, petrochemical, specialty chemical and pharmaceutical clusters).

ASPRI has two types of membership:

- **Corporate Membership –** For companies which are involved in PCM activities
- **Associate Membership –** Partners / companies who are indirectly associated with the process industry such as vendors, equipment supplies, banks, etc

Required Supporting Documents for Membership Application

- Application Form
- Original and updated print-out from Singapore ROC (most recent but not more than six months earlier)
- A certified true copy of contract (by the MD/CEO/Chairman/GM) with a process company – (Only Applicable to Corporate Membership)
- Applicant company should have two ASPRI Corporate members (that should have good standing and been members for at least three consecutive year) to propose and second their application for membership in writing. – (Only Applicable to Corporate Membership)

Membership Fees

Type of Fee	Membership Type	
	Corporate	Associate
Entrance (One-time)	S$4,000	S$1,800
Annual subscription	S$1,200	S$1,080

(All fees are subject to prevailing GST rate)

A company which is applying for membership is required to pay a one-time entrance fee and the annual subscription. The subscription fee will be prorated from the month its membership begins until the end of the Association's financial year in March.

Subsequently, membership subscription will be renewed automatically on an annual basis every April. One month's notice has to be given in writing to ASPRI if any member company wants to withdraw its membership. Cheques are to be made payable to "ASPRI".

Renewal of Membership

Members should attend no fewer than three events organised by ASPRI, including talks, seminars, networking sessions, dialogue sessions and etc, during the preceding year to qualify for renewal of membership for another year.

For further information, please contact Ms. Ouvai at Tel: 6560 5051/ Fax: 6560 9692, or email ouvai@aspri.com.sg

Membership Privileges

Business Networking

Enjoy exclusive invitation to our growing list of industry and business networking events:

- Process Industry dinners & celebrations
- Business networking activities organised in co-operation with other Trade Associations & Chambers (TACs)
- Discounted rates to participate in various industry trade exhibitions and conferences
- Overseas business study missions at concessionary rates

Industry Representation

ASPRI works effectively to represent members' interests at various levels of the legislative process.

- Qualify for the opening of Process CPF account – get to employ PCM Work Permit Holders (WPHs) (Corporate Members only)
- Qualify for low levy conversion for your foreign workers (Corporate Members only)
- Eligibility to house your PCM WPHs with Jurong Island (JI) passes at ASPRI-Westlite Dormitory – Papan (Corporate Members only)
- Have the right to vote at all general meetings and hold offices in the Executive Council (Corporate Members only)
- Obtain regular updates on industrial information & assistance programmes including policy changes
- Address your concerns through closed-door dialogue sessions

Knowledge Transfer

ASPRI seeks out capability development opportunities and offer updated information.

- Benefit from industry upgrading initiatives embarked by the Process Construction & Maintenance Management Committee (PCMMC) and Productivity Council (PC)
- Gain access to a library of information that includes Productivity Improvements
- Exclusive invitation to curated workshops and seminars
- Opportunities to discover and understand digitalisation tools

Training

Through our training division, ASPRI-Institute of Process Industry (ASPRI-IPI),

- Members can enjoy discounts[1] on selected training courses and rental of facilities at ASPRI-IPI
- Corporate members who house employees at ASPRI- Westlite Dormitory-Papan will get to enjoy up to 48 hours of heavily subsidised training courses

OVER
60
EVENTS IN 2019

STAFF STRENGTH

30 STAFF

50 ASSOCIATE TRAINERS

ASPRI Secretariat and ASPRI-IPI

[1] Details can be found at http://ipi.org.sg

SEMINARS, COURSES, WORKSHOPS FOR ASPRI MEMBERS

SNAPSHOT OF EVENTS ORGANISED AND SUPPORTED BY ASPRI

	Name of Event	Date
1	HR Leadership Moving from Compliance to Commitment	22 Nov 18
2	Launch of Jurong Island Vision Zero Cluster	23 Nov 18
3	The Singapore HR Awards 2019 Curtain Raiser	29 Nov 18
4	SME Workshop on Digitalisation for Business Growth and Government Support Programmes for Talent Management	19 Dec 18
5	Make Your Pledge for Climate Action 2018	31 Dec 18
6	WSH Innovation Awards 2019 Public Briefing	15 Jan 19
7	SHRI Outlook 2019	16 Jan 19
8	CEO Breakfast Talk on Enhancing Business Values through Productivity Improvement and Operational Excellence	22 Jan 19
9	SCCCI Annual Business Outlook Forum 2019 – Rising to the Challenges of a World in Transition	22 Jan 19
10	Process Industry Prosperity Lohei Dinner 2019	12 Feb 19
11	ITE's Celebration on 25 years of COJTC Scheme	14 Feb 19
12	Disruption and Transformation	01 Mar 19
13	Changes to the Employment Act (EA) and what it means for YOU!	06 Mar 19
14	Chemical Standards Exchange – Safety Standards in Chemical Industry	08 Mar 19
15	Training on Activity Analysis (AA) Level-1 (Introductory)	15 Mar 19 – 17 Apr 19
16	Digital Transformation to Enhance Business Values and Gain Competitive Advantage	21 Mar 19
17	Singularity University's Exponential: Strategy Development	25 Mar 19 – 26 Mar 19
18	iAdvisory Seminars – Know More About Opportunities At Country Level	26 Mar 19 – 28 Mar 19
19	SME Day 2019	04 Apr 19
20	Leadership Essentials in Disruptive Times	17 Apr 19
21	Artificial Intelligence & High Performance Computing 101 Seminar	24 Apr 19
22	SME Cashflow Seminar – Understanding Cashflow and Making It Work For You	25 Apr 19
23	Briefing and Dialogue Session on Changes to the Employment Act	26 Apr 19
24	The Fusion of Big Data and Branding Strategies	02 May 19
25	Thailand Market Insights Seminar (Election Results Special)	10 May 19
26	Training on Activity Analysis (AA) Level-1 (Introductory)	21 May 19
27	Commerce Exchange @ Yangon, Myanmar	21 May 19 – 23 May 19
28	The Foreign Manpower Act and Business Continuity through Strategic HR	22 May 19
29	Asia ICS Cyber Security Workshop 2019	20 Jun 19 – 21 Jun 19
30	ASPRI Annual General Meeting (AGM) 2019	10 Jul 19
31	Process Industry Dinner & Durian Appreciation Night	10 Jul 19

ASPRI Organised Events

ASPRI Supported Events

	Name of Event	Date
32	iAdvisory Seminar – Africa's Oil & Gas Opportunities: Ghana, Nigeria, Angola & Mozambique	23 Jul 19
33	ASPRI-Enterprise Singapore (ESG) Advisory Clinic Session	26 Jul 19
34	Major Hazards Symposium 2019 – "Powering Process Safety Innovations"	02 Aug 19
35	Oil, Petrochemical and Logistics Seminar	02 Aug 19
36	Workshop on Management of Hazardous Chemicals Programme (MHCP)	06 Aug 19
37	Future of AR VR Event	15 Aug 19
38	SCIC-ASPRI Golf Tournament and Networking session 2019	16 Aug 19
39	Business Mission to Sabah	19 Aug 19 – 22 Aug 19
40	SME Conference and the Infocomm Commerce Conference (SMEICC) 2019	21 Aug 19 – 22 Aug 19
41	Process Industry 7th Lunar Month Celebration	23 Aug 19
42	Inter-Generation Communication Workshop	30 Aug 19
43	Roundtable sharing on Oil & Gas opportunities in Egypt, Qatar, and Oman	11 Sep 19
44	Uganda National Oil Company (UNOC) Engagement Summit	13 Sep 19
45	Discover New Ways to Enhance Your Business Seminar	18 Sep 19
46	Walk-In-Interview Career Fair	19 Sep 19
47	Tank Storage Asia 2019	25 Sep 19 – 26 Sep 19
48	Maintenance & Resilience Asia 2019 – Smart Manufacturing & Smart Infrastructure	2 Oct 19 – 4 Oct 19
49	Settling-in-Programme for Marine, Manufacturing and Process industries	8 Oct 19
50	MPTC Annual Conference	9 Oct 19
51	Internationalising: Navigating Challenges in Overseas Expansion	15 Oct 19
52	Break the tradition to grow your business!	18 Oct 19
53	5th Global Summit on Process Safety	22 Oct 19 – 23 Oct 19
54	Improve Productivity with Productivity Solutions Grants Seminar	24 Oct 19
55	Gearing up Industry 4.0 Sharing Forum	24 Oct 19
56	2-Day Masterclass on "Managing Change Competently"	29 Oct 19 – 30 Oct 19
57	Digital Transformation & Enterprise	30 Oct 19
58	12th Asian Downstream Summit	30 Oct 19 – 31 Oct 19
59	Obtaining Working Capital for SMEs Seminar	7 Nov 19
60	SIM-Singularity University Conference	7 Nov 19 – 8 Nov 19
61	Productivity Improvement Forum (PIF) 2019	13 Nov 19
62	WATEC Technology Mission 2019	18 Nov 19 – 21 Nov 19
63	World Congress on Condition Monitoring (WCCM) 2019	2 Dec 19 – 5 Dec 19

2018/19 - ANOTHER MILESTONE YEAR FOR ASPRI-IPI

Ever since the ASPRI-IPI training facility was integrated into the ASPRI-Westlite Dormitory complex in August 2016, our training efforts have made leaps and bounds. Our head counts trained were over 27,000 with training hours hitting more than 260,000 by the end of 2018, both more than double the figures achieved in 2017. Prior to that, the average per year between 2013 and 2016 was about 3,000 headcounts and 32,500 training hours.

We have certainly come a long way, thanks to the continuous support of our members which has helped to uphold ASPRI-IPI's mission in providing quality training to improve the livelihoods of the PCM workforce for a safer and more productive workforce for the Process Industry.

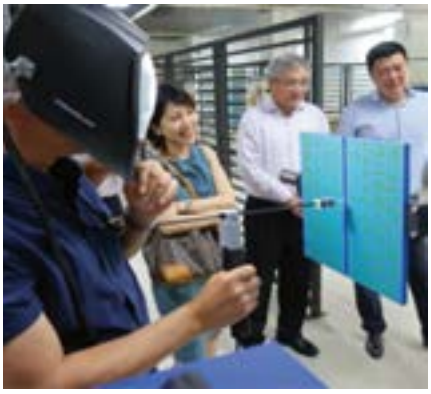
ASPRI-IPI has in 2019 achieved several significant milestones.

Introduction of innovative Augmented Reality (AR) in welding training

In July 2019, ASPRI-IPI rolled out its new welding training facility with the incorporation of three units of the Soldermatic AR welding training stations.

With the introduction of this innovative technology, workers are being put through a blended training module. Classroom theory training has been enhanced with technology-enabled practical learning before they perform live welding work in simulated workplace. It is a more effective, safer and more sustainable way of training.

With the capability to measure quantitively worker's performance, workers undergo ASPRI-IPI's WSQ Perform Welding which is recognised as equivalent to the Singapore Welding Society's (SWS) 3G or 4G skill qualification. This has been made possible after the signing of a Memorandum of Collaboration (MOC) with the SWS in February 2019.



LAUNCH OF FULL WSQ PROCESS SKILLS (13 SKILLS)

Another milestone was the completion and launch of the full WSQ Process Skill sets in 30 June 2019. More than a million dollars has been invested in ASPRI-IPI on infrastructure and curriculum development for the 13 WSQ skills.

Through this journey, ASPRI-IPI is extremely grateful for the keen support from government agencies, equipment donation from various plant owners; sponsorship and technical guidance from member companies in the successful remake of the full 13 WSQ Process Skills.

1. WSQ Perform Process Pipe Fitting Work
2. WSQ Perform Rotating Equipment Fitting Work
3. WSQ Perform Fitting Work In Workshop
4. WSQ Perform Metal Scaffolding Work
5. WSQ Perform Rigger And Signalman Tasks
6. WSQ Perform Blasting And Painting Work
7. WSQ Perform Welding
8. WSQ Perform Electrical Fitting Work
9. WSQ Perform Thermal Insulation Work
10. WSQ Perform Plant Equipment Fitting Work
11. WSQ Perform Plant Civil Work
12. WSQ Perform Instrumentation Fitting Work
13. WSQ Perform Refractory Work

Special thanks to the following that have contributed to the full completion and launch of the WSQ Process Skill

- Process Construction and Maintenance Management Committee (PCMMC) Steering Committee
- PCMMC Workers' Capability Sub-Workgroup
- AITC Technical Advisory Committee (A-TAC)
- Singapore Economic Development Board (EDB)
- Ministry of Manpower (MOM)
- JTC Corporation
- SkillsFuture Singapore (SSG)
- Workforce Singapore (WSG)
- Singapore Welding Society (SWS)
- Employment and Employability Institute (e2i)
- Mitsui Phenols Singapore Pte Ltd
- Petrochemical Corporation of Singapore (Private) Limited
- Royal Dutch Shell PLC
- Endress + Hauser
- FRP Products Co Pte Ltd
- Hai Leck Engineering Pte Ltd
- KYC Scaffolding Pte Ltd
- Mcknight Engineering Pte Ltd
- Mighty Engineering & Construction Pte Ltd
- Mirador Building Contractor Pte Ltd
- Mun Siong Engineering Limited
- Innoveng Engineering and Construction Pte Ltd
- Plant Engineering Services Pte Ltd
- PESKO Engineering Pte Ltd
- TML Engineering Pte Ltd

From the phased roll-out between June 2017 and August 2019, ASPRI-IPI has trained over 4,000 workers in WSQ Process Skills. To mark the full roll-out, we have offered a 50 percent training discount subsidy to all ASPRI members, from July till December 2019, to encourage members to upgrade their workers with training in the WSQ Process 13 trade skills.

4-IN-1 TRAINING SKID, AN INDUSTRY FIRST

To realise a safer and more productive workforce, ASPRI-IPI has invested over half a million dollars to build an integrated 4-in-1 training skid to provide trainees with a realistic plant environment that instills confidence and enhances site safety. This interaction will also allow workers to better understand interdependencies with other crafts, leading to better planning and improved productivity.

Training in a real-life plant environment is a highly effective way to provide trainees with an understanding of the plant & equipment operations, plant controls and equipment maintenance.

Many of the components in the 4-in-1 training skid have been salvaged from a decommissioned facility on Jurong Island. A special taskforce, the AITC Technical Advisory Committee (A-TAC) comprising members specialised in different craft and trades, was established to oversee the design, development and construction of the 4-in-1 skid.

The skid was put together between November 2018 and May 2019. The many helping hands from the industry has helped ASPRI-IPI to save the cost of building this training "plant" by 50 per cent. We would like to thank every one of them for their contributions.

ANOTHER NEW ASPRI-IPI INITIATIVE: IPI CONNECT – WORKER SOCIAL TRAINING PLATFORM

ASPRI-IPI has introduced an important new initiative to help connect workers in the PCM Industry. Called "IPI CONNECT", this social training platform brings together the workers and allow them to seamlessly communicate and engage with one another with similar qualifications and experience in the process blue-collar community.

Workers can create their profiles on the app and have access to Process Industry news update, curated e-learning contents for "learning on demand" and training videos in various language versions, including English, Tamil, Bengali and Telugu to improve knowledge retention during their free time. In classroom training, the app also allows trainees to take online quizzes and course evaluation surveys to improve the course deliverables and closer matching of trainee's expectations.

Within 3 months of its launch from May 2019, over 900 users had signed up to watch more than 1,500 safety videos and played with 1,200 quizzes.

Professional Conversion Programme for PCM Professionals

ASPRI is pleased to be appointed by Workforce Singapore (WSG) as the Programme Manager for the Professional Conversion Programme (PCP) for PCM Professionals. The Programme aims at enabling Professional, Managers, Executives and Technicians (PMETs) to take on job roles in the PCM sector.

ASPRI-IPI is developing 2 mandatory foundation modules, respectively for

- Field Supervisor Foundation Fundamental course (FSFF) - 40hrs
- Engineer & Manager Foundation Fundamental course (EMFF) - 40hrs

The modules have been designed with reference to the "Process Field Supervision Competency" standard drawn up by the PCMMC Workers' Capability Sub-Work group and validated by industry stakeholders (i.e., plant owners, contractors and experienced trainers).

The FSFF module will equip successful participants for positions such as Field Supervisor, PCM Superintendent, Quantity Surveyor and Project Coordinator, while the EMFF will be suitable for Field Engineer, Project Engineer, Contract Project Manager, Maintenance Manager, Project Planner and Cost Engineer positions.

Funding category includes

- Standard Salary Support of up to 70 percent of the new recruit's monthly salary, capped at S$4,000 per recruit per month, for 6-month programme duration
- Enhanced Salary Support of up to 90 percent of the new recruit's monthly salary capped at S$6,000 per recruit per month, for 6-month programme duration.
- Course Fee grant up to 70 percent capped at S$1,302 per trainee
- Enhanced funding up to 90 percent of course fee under Enhanced Training Support for SMEs and SkillsFuture Mid-Career Enhanced Subsidy.

INDUSTRY OUTREACH AND ENGAGEMENT

Between April and August 2019, ASPRI-IPI hosted an average of one industry visit per week. Visitors include overseas delegates, government officials, Process Industry and cross-sectorial key stakeholders and member companies. The visitors were introduced to the "Live, Learn and Play" concept of the ASPRI-Westlite Dormitory -Papan for its residents, the full WSQ Process Skill sets and 4-in-1 training skid, all of which attracted keen interest.

Among the notable visitors were the Director-General of International Labour Organization (ILO) Mr Guy Ryder, who was accompanied by Minister of State for the Ministry of Manpower Mr Zaqy Mohamad, members of the Royal Dutch Shell Corporate Social Responsibility Committee (CSRC) led by its Chairman Sir Nigel Sheinwald, the Penang State Executive Councillor (EXCO) for Housing and Town Country Planning, YB Jagdeep Singh Deo.

On the list of visitors were also members of the ASPRI Advisory Board, Mr. Eso Thomas (SRC), Mr. Leonard. S. Scott (ExxonMobil), Mr. Lucas Ng (PCS) and Mr. Wee Han Meng (Shell). Other visitors include those from organisations such as JTC Corporation, NUS Saw Swee Hock School of Public Health, WSH Council, PUB and Singapore Water Academy, Shell Bukom Learning Centre, Sankyu (Singapore) Pte Ltd, Astoria Solution, SPRINT Robotics and Vopak, to name some.