

ASPRI's Vision

To be a Visible and Credible Partner in the Process Industry.

Organisational Structure and Strategic Partners

Managed by a nine-man team and honorary members, the ASPRI Executive Council (EC), which is the highest level of authority within the Association, determines directions and establishes policies for the over 20 Secretariat staff led by the Executive Director. These executives are volunteers elected by the Association's members to serve a two-year term.

ASPRI works closely with the various key industry stakeholders to propel the growth of the industry such as ExxonMobil, Shell, Shell Chemicals Seraya, Schering Plough, Singapore Refining Company (SRC), Singapore Petrochemical Complex (SPC) etc. Its government partners include Singapore Economic Development Board (EDB), IE Singapore, Institutes of Higher Learning (ITE, NUS, SP etc.), Ministry of Manpower (MOM), SPRING Singapore, SkillsFuture Singapore (SSG), Workforce Singapore (WSG), etc.

ASPRI Membership

Membership Category

- Corporate members are to cater to companies with employees directly working in the refineries in all construction and maintenance activities.
- Associate members are to cater to process-industry related suppliers of products, materials and services providers to the refineries. Generally, their employees are not directly working on the refineries.

Membership Approval

Please note that all membership applications are collated and submitted to the Membership Committee for approval. The outcome of your application will be released upon obtaining approval.

Membership Benefits

Business Networking

ASPRI embodies “Connect, Engage and Grow”. As a member, you will enjoy exclusive invitation to our growing list of industry and business networking events:

- Prosperity Process Industry Lohei Dinner
- Process Industry 7th Lunar Month Celebration
- Process Industry Chillout Night
- Business networking activities organised in co-operation with other Trade Associations & Chambers (TACs).
- Overseas business study missions to learn best practices from international partners and explore future business ventures in overseas market at concessionary rates.

ASPRI members also enjoy discounted rates to participate in various industry trade exhibitions and conferences.

Industry Representation

ASPRI works effectively to represent members’ interests at all levels of the legislative process. As a member, you will;

- Obtain regular updates on industrial information & developments including policy changes.
- Receive invitation to attend exclusive dialogue with relevant policy makers such as the Singapore Economic Development Board (EDB), JTC Corporation, Ministry of Manpower (MOM) and etc.
- Enjoy economy of scale with industry-wide purchases such as the intrinsically safe to use tablets in process plants for Activity Analysis.
- Receive complimentary copy of publications that is produced by the Association, such as the annual Directory of Singapore Process and Chemicals Industries and Year-in-Review.
- Qualify for the opening of Process CPF account –get to employ Process Construction and Maintenance (PCM) Work Permit Holders (WPHs) to meet manpower needs. (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)
- Receive the right to vote at all general meetings and are eligible to hold offices in the Executive Council. (Corporate Members only)

Knowledge Transfer

ASPRI seeks out capability development opportunities for members and aims to supply sound information and advice to our members. As a member, you can look forward to:

- Benefit from industry upgrading initiatives embarked by ASPRI such as the 3-year Productivity Project by the Construction Industry Institute (CII) and University of Texas; including complimentary invitation to the annual Productivity Improvement Forum (PIF), seminars and workshops.
- Gain access to members' exclusive portal to productivity improvement initiatives with training videos, slides, publications, and list of mechanised tools.
- Exclusive invitation to attend curated workshops and seminars, to receive sound advice on legal, employment, health and safety, environmental issues relevant to the industry.

Training

ASPRI through our subsidiary, ASPRI-Institute of Process Industry, promotes training and education for our members.

- Members can enjoy discounts¹ off the posted rates for 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.

Schedule of Membership Payment

Application received from now is valid till 31 March. The fee structure is:

- Corporate : One-time entrance Fee S\$4000; Annual Subscription Fee S\$1200
 - Associate : One-time entrance Fee S\$1800; Annual Subscription Fee S\$1080
- (Please note that the aforesaid fees are subject to the prevailing GST rates)

For further information, please contact **Ms Ouvai** (Tel: 6560 5051) from ASPRI Secretariat, Association of Process Industry (Fax: 6560 9692; e-mail: ouvai@aspri.com.sg).

ASPRI – Institute of Process Industry (ASPRI-IPI)

ASPRI-IPI is the training division of ASPRI, established in December 2008. The Institute was set up to upgrade the skills and knowledge of workforce in the Process Industry and offers nationally recognised and comprehensive training and placement programmes for the Process Industry.

ASPRI-IPI's Vision and Mission

Vision – A safer and more productive workforce for the Process Industry

¹ Details can be found at <http://ipi.org.sg>

Mission – To deliver quality training to improve the livelihoods of the PCM workforce.

ASPRI-IPI aims to enhance the operating standards and employability of the workforce in the Process Industry through various skills upgrading initiatives. For any enquiry on training, please call 6795 5700.

Approved occupations for NTS and PRC workers

NTS and PRC Work Permit holders in the process sector can only be employed as “Process Maintenance and Construction Worker” or “Process Maintenance and Construction Worker-cum-Driver”.

They can engage only in work that requires these 13 skill sets:

1. Electrical and Instrumentation works
2. General fitting
3. Machine fitting
4. Metal Scaffolding
5. Painting and blasting
6. Plant civil works
7. Plant equipment fitting
8. Process pipefitting
9. Refractory
10. Rigging and material handling
11. Rotating equipment fitting
12. Thermal insulation
13. Welding

Process Industry Manpower Optimisation System (PRiMOS)

PRiMOS is an Internet web-based optimisation system for management and utilisation of the workforce in the process industry. Supported by ASPRI as well as the Singapore Welding Society (SWS), PRiMOS provides on-line information that can be utilized efficiently across the process industry. This system went on-line in November 2002.

PRiMOS automates and streamlines the management of skilled workers in the process industry. The main advantage of PRiMOS is the manpower management system, which includes managing workers’ information, qualifications, skillsets and welder qualifications. The quality of the welders is ensured through the system adopting the SWS-CWQS scheme, a recognised certification by MOM for low levy application.

Other application features include workers’ test management, job assignments and transfer system, report system, GIRO billing system and batch data entry. Members would be able to view from the system, information such as workers’ training record, job assignments, transfers, qualifications and skillsets and be able to generate relevant reports. For more information, please contact Carol from PRiMOS at 6779 7706.

Appendix A

Process Construction and Maintenance (PCM) manpower and training

As part of the Ministry of Manpower (MOM) Committee of Supply (COS) 2015 initiatives to raise workforce quality and facilitate more optimal deployment of the foreign workforce, the Government will make progressive enhancements to the skills recognition framework in the Process sector to be more robust and reflective of market-relevant skills and experience. It will help the industry attract and retain higher quality, more productive, workers in Singapore, as companies enjoy a lower levy for R1, compared to lower-skilled R2 Work Permit Holders (WPHs).

From 1 June 2017, Process WPHs will be able to obtain R1 status via 2 pathways:

(a) Skills Test / Process WSQ + Salary

WPHs who possess qualification / certification currently recognized under the R1 framework or Process WSQ AND paid a minimum Fixed Monthly Salary (FMS) of S\$1,200; or

(b) Experience + Salary

WPHs with a minimum Period of Employment (POE) in Singapore of at least 2 years and paid at a minimum FMS of S\$1,200

From 2019 (or 1 year after the roll out of the WSQ programmes for Process sector)

The list of skill tests for R1 recognition will shift from the current list of qualification / certification to only recognize WSQ Process Skill Pack for the Process sector.

Process WPHs will then be able to obtain R1 status via 3 pathways:

(a) Process WSQ + Salary

WPHs having successfully completed relevant WSQ programme for the Process sector AND paid a minimum Fixed Monthly Salary of S\$X (to be determined nearer to 2019)

(b) Experience + Salary

WPHs with a Period of Employment (POE) of at least 3 years in Singapore AND paid a minimum FMS of S\$X; or

(c) Process WSQ + Experience

WPHs having successfully completed relevant WSQ programme for the Process sector AND with a POE of at least 3 years in Singapore.

Objectives of the Process WSQ framework:

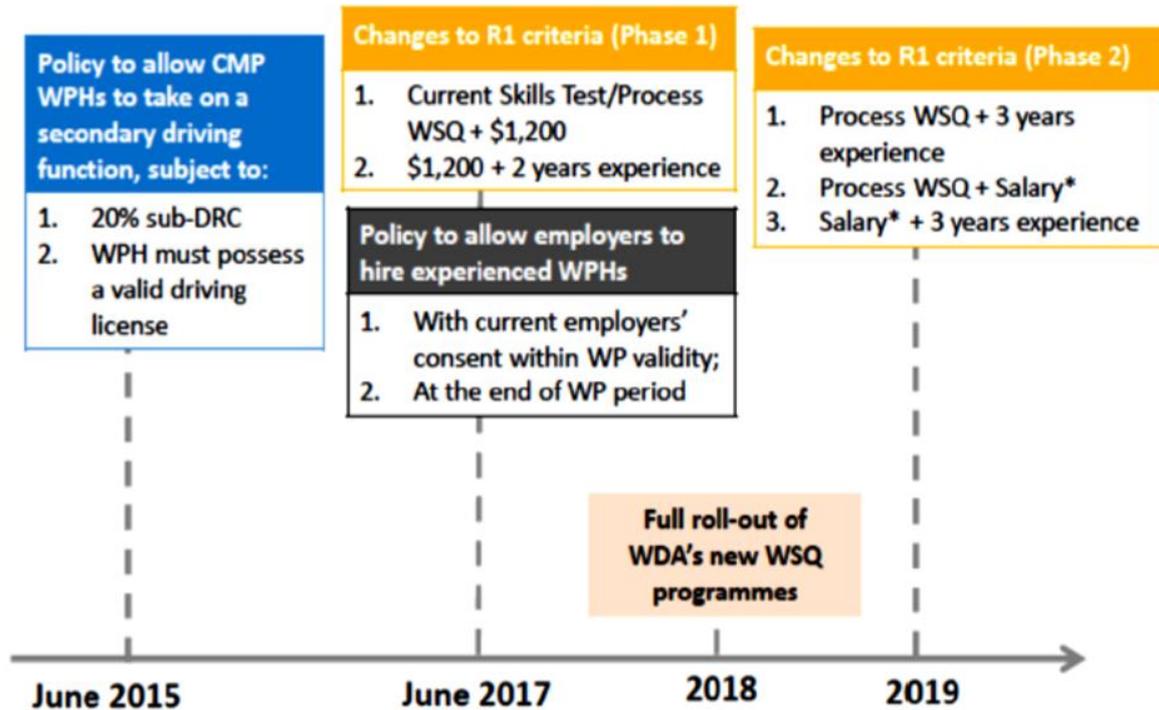
The Process WSQ framework is part of a competency-based national continuing education and training system designed to facilitate adult learning. It provides career progression pathways and open access for skill upgrading which aims to equip our PCM workforce with necessary occupational skills to remain competitive.

Trade	Key Job Function	Training / Test available
Mechanical	Pipe Fitter	<ul style="list-style-type: none"> ▪ WSQ Perform Process Pipe Fitting Work ▪ ITE SETC Process Pipe Fitting
	Welder	<ul style="list-style-type: none"> ▪ 3G and above in welding
	Plant Equipment Fitter	<ul style="list-style-type: none"> ▪ ITE SETC Plant Equipment Fitting
	Rotating Equipment Fitter	<ul style="list-style-type: none"> ▪ WSQ Rotating Equipment Fitting Work ▪ ITE SETC Rotating Equipment Fitting
	General Fitter	<ul style="list-style-type: none"> ▪ WSQ Perform Fitting Work in Workshop ▪ WSQ Certificate in Generic Manufacturing Skill (Process) Integrated Assessment Plan ▪ ITE SETC General Fitting
Electrical & Instrumentation	Electrical Fitter	<ul style="list-style-type: none"> ▪ ITE SETC Electrical Fitting
	Instrumentation Fitter	Not available
Specialised Services	Blaster / Painter	Not available (rolling out end 2017)
	Scaffolder	<ul style="list-style-type: none"> ▪ WSQ Perform Metal Scaffolding Work ▪ ITE SETC Metal Scaffolding
	Refractory Fitter	Not available
	Thermal Insulation Fitter	Not available
General Services	Plant Civil Worker	<ul style="list-style-type: none"> ▪ ITE SETC Plant Civil Work
	Rigger / Signaller	<ul style="list-style-type: none"> ▪ WSQ Perform Rigger and Signaller Tasks ▪ ITE SETC Rigging and Material Handling

Reference: <http://www.mom.gov.sg/passes-and-permits/work-permit-for-foreign-worker/sector-specific-rules/process-sector-requirements>

*WSQ certification attained by workers will be uploaded to SSG SkillsConnect and MOM system by ASPRI-IPI. Entry into PRIMOS is not required.

Announced progressive enhancements to the skills recognition framework for Process Work Permit Holders



*: Higher salary threshold to be determined nearer to 2019.

Recommended Learning Hours

Competency Units	Training Delivery Hours:	Assessment Hours:
WSQ Perform Process Pipe Fitting Work*	32hrs	8hrs
WSQ Perform Plant Equipment Fitting Work		
WSQ Perform Rotating Equipment Fitting Work*		
WSQ Perform Electrical Fitting Work		
WSQ Perform Instrumentation Fitting Work		
WSQ Perform Blasting and Painting Work		
WSQ Perform Metal Scaffolding Work*		
WSQ Perform Refractory Work		
WSQ Perform Thermal Insulation Work		
WSQ Perform Plant Civil Work		
WSQ Perform Welding	16hrs	8hrs
WSQ Perform Fitting Work in Workshop*		
WSQ Perform Rigger and Signalman Tasks*	16hrs	1.5hrs

*Course schedule are available from 22 May 2017