

# IPSC NEWS & VIEWS

Indian Plumbing Skills Council

## IPSC ORGANISES FIRE FIGHTING WORKSHOP

Focussing on Development of QP/NOS for Installation of Fire Fighting Systems and Maintenance, STPs and WTPs, Gas Plumbing and Rain Water Harvesting



A View of the Panellists



Prof Dr V.K. Paul conveys the importance of IPSC's initiative to the audience

It has been a continuous endeavour of Indian Plumbing Skills Council (IPSC) to formalise the skilling ecosystem in the Indian Plumbing sector and explore avenues to streamline the unorganised workforce currently engaged in the allied sectors. An important aspect of the sector has been the installation of Fire Fighting Systems, undeniably one of the most important and indispensable components of the sector to ensure maximum protection against fire. Over 80 per cent of the total workforce engaged in the execution of this task is neither formally skilled nor qualified. Even though there are standards available for installation of fire-fighting systems, the skills required to perform such crucial tasks are not yet defined or standardized. IPSC is putting in a concerted effort to find out methodologies by which this standardisation can be introduced into the skilling system

IPSC has undertaken the task to create such benchmarks and is in the process of developing National Occupational Standards and Qualification Packs/Job Roles pertaining to Fire Fighting Installations. The broader aim of such a task is to align the workforce engaged in Installation of Fire Fighting Systems under the National Skill Qualifications Framework (NSQF).

The other Allied segments on which Development of

National Occupational Standards are Proposed are given as under:

- Gas Plumbing – PNG Supply
- Water & Sewage Treatment Plant
- Rain Water Harvesting
- Drip Irrigation

It has been decided post discussions and deliberations that the above task of looking into the individual segments will be performed in phases and Fire Fighting System Installation & Gas Plumbing are on first priority.

*Continued on Page 2*



A rapt audience listens to the speakers

## Hon'ble Minister inaugurates Plumbing Lab in Bhopal



Hon'ble Minister Shri Dharmendra Pradhan inaugurating the CRISP Lab in Bhopal, with Maj Gen (Retd) T.K. Chadha (COO-IPSC) on the left and Mr Kanwar Shamsher (CSR Head - Jaquar Group) on the right



The Hon'ble Minister takes a look around the Lab

The Hon'ble Minister of Skill Development & Entrepreneurship Shri Dharmendra Pradhan inaugurated a Plumbing Lab at CRISP (Centre of Research & Industrial Staff Performance) in Bhopal on 4<sup>th</sup> May, 2018. The lab has been created by the Jaquar Group. Indian Plumbing Skills Council was represented by the COO - Maj Gen (Retd) T.K. Chadha at the event. IPSC is continuously working towards engaging industry partnership. The aim behind setting up such labs is to upscale the skill standards of the country in sync with the current market eco system.

## Fire Fighting Workshop



Mr M.K. Gupta, Governing Body Member - IPSC, addressing the audience



Mr C.S. Gupta, Governing Body Member - IPSC, exchanging MoUs with Mr Sandeep Goel, Member - Fire & Security Association of India.

### Continued from Page 1

Keeping the agendas in mind, IPSC organised a Fire Fighting Workshop, focusing on the development of the National Occupational Standards for Fire Fighting Installations & Maintenance on 18<sup>th</sup> April, 2018 at the School of Planning and Architecture, New Delhi. The programme began with a welcome note by Prof Dr V.K. Paul, Head of Department, Building Engineering and Management, School of Planning and Architecture. Dr Paul played a leading role in spearheading the concept of this workshop and organising the event. The evening then saw the experts in the field sharing experiences and anecdotes by trying to emphasise on the importance of formalising the skill training and how the NOS needs to be developed. The speakers included Mr Sandeep Goel, Director - Proion Consultants, who concentrated on explaining the current skill scenario, Mr R.C. Sharma – Former Director, Delhi Fire Services who shared his experiences to highlight the need for standardisation of training in Fire Fighting as well as Mr U.S. Chillar – General Secretary, Institution of Fire Engineers. Mr M.K. Gupta, Governing Body member of IPSC, in his concluding speech as a part of his Vote of Thanks expressed his gratitude for the Government of India's initiative of formalising the skilling eco system, so that it reaches the beneficiaries at the ground level. He also expressed appreciation that the industry bodies are coming together to become a part of this movement in standardising the skill space for the Fire and allied industries as well. The evening was also important in signing and the exchange of Memorandum of Understanding (MoUs) with the Institution of Fire Engineers and also with the Fire and Security Association of India.



## “RIGHT SKILL IMPARTS CONFIDENCE AND LEADERSHIP QUALITY”

Mr Sandeep Goel, Director - Proion Consultants, and Member - Advisory Committee of Indian Plumbing Skills Council, shares his views on the present plumbing scenario in the country as well as on the road map ahead.

### **What do you feel about the plumbing workforce in the Delhi/NCR sector?**

Plumbing Work force in Delhi/ NCR Region is satisfactory to the extent of legacy knowledge sharing and transfer since the city has had history of growth and development for decades. Established companies have been in contracting business over years and have had plumbing workers and supervisors developed through “on-site skill”. Delhi/ NCR has seen real estate growth and therefore the plumbing workforce is being witnessed with satisfactory skills. However, in the last few years, despite the market being flooded with modern new products, the skill set has not correspondingly improved or been scaled up as required to match with good installation quality.

### **How, according to you, has the world of Plumbing and Sanitation changed over the years?**

There have been multiple manifold changes in the world of Plumbing and Sanitation with respect to varied challenges in types of buildings, space optimisation, better design and large product range to choose from. The workforce both in design and execution is to align to these expectations.

### **Please share with us the aspiration behind the setting up of Indian Plumbing Skills Council?**

The aspiration is to have skilled workforce. The organised pattern of training is sure to yield the desired results. IPSC, through its leadership, is creating a well-defined and established mechanism to train the workforce to meet today's challenges.

### **How do you think employment can be generated by short term training of plumbers?**

Skilled workforce will have the opportunity of employment. The assured performance of skilled workforce is bound to inspire confidence in the employer. And good quality of work can naturally demand better prices from the client. This should ensure sustained employment of the plumbing workforce and also an opportunity to acquire a better skill set.

### **Please share some tips by which IPSC as a sector skill council can chart its progress.**

Setting up a course which helps in continued knowledge and skill development through on-line lectures, introduction of new systems and technologies and adding innovative opportunity of imparting skill in an ever changing world will provide the right and continued growth of the individual. IPSC should develop such systems and tools for keeping pace with excellence on the aspect of design and execution of plumbing workforce.



## WORLD SKILLS COMPETITIONS

“THIS IS THE FIRST TIME THAT WE ARE SEEING A STRUCTURED EFFORT TO IDENTIFY THE BEST PLUMBERS IN OUR COUNTRY”



*Mr Harsh V. Agarwala, Director - Ori-Plast Group, talks about why his company decided to support the State and Regional level World Skills Competitions and what he thinks the plumbing fraternity will benefit from it*

**What motivated you to sponsor/support the WSC state level competitions?**

Our company, Ori-Plast, has been a leading plumbing products manufacturer for over 50 years. It has been our constant endeavour to enhance the status of public health and public health workers in India. As such we readily agreed to sponsor the WSC competition since it not only identifies and showcases the best plumbers in our country but also motivates practicing and aspiring



Plumbing participants hard at work while the judges evaluate

plumbing health professionals to practice and demonstrate their skills. The outcome of identifying the best plumber in our country who would go on to represent India at the international stage is an additional motivation.

**Which are the states in which you are supporting the competitions?**

We are currently supporting the competitions in Odisha, Haryana and Punjab. We are also supporting the regionals to be held in Rajasthan and Odisha.

**Is this the first time for you for a venture like this?**

This is a unique venture in our country. Although we have supported ventures that promote, train, skill and upskill plumbers in our country in the past few decades, this is the first time that we are seeing a structured effort to identify the best plumbers in our country who would go on to represent India on a global skills platform.



The inauguration ceremony at Odisha Skills

**How do you think more interest can be generated in the youth with these programmes?**

When the large population of plumbers come to know of IPSC efforts to train the plumbing workforce, there will be an automatic amplification of the efforts of IPSC and its goal of developing plumbing skills in India and ensuring that our professionals are at par with the best in the world. This will make the profession more aspirational for the youth to take up as their growth will no longer be limited by their knowledge of language or formal conventional education but by their skills ("hunar"). This will also enhance the earning potential of people.



The competition in progress

**Since this is the first time such an event is being organised by the plumbing fraternity, please share your views on it.**

It is good to see the entire plumbing fraternity come together to recognise the contributions of the manual effort that goes into building a beautiful and clean domicile. A very well conceptualised programme, this event should become an annual affair as interest will only go up from here.

## WORLD SKILLS COMPETITIONS



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**WE ARE REALLY HONoured  
TO BE ASSOCIATED WITH IPSC**

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*Mr Kanwar Shamsher, CSR Head of the Jaquar Group, shares his views about supporting the State and Regional level World Skills Competitions and what needs to be done to improve participation of the plumbing workforce.*

**What motivated you to sponsor/support the WSC state level competitions?**

We as a company want to expand. World Skills Competition promotes skills in the plumbing sector.



The grand inauguration ceremony at Odisha Skills

We are also working towards the same goal. So our vision was that if we do it together, more work can be done and we can get more and more people to participate.



The plumbing contestants with the jury members

**Which are the states in which you are supporting the competitions?**

Odisha, Punjab, Haryana and Rajasthan

**Is this the first time for you for a venture like this?**

Yes this is the first time for us in a venture like this.

**How do you think more interest can be generated in the youth with these programmes?**

We just concluded the state level competitions and there have been some learnings. We feel that in the plumbing fraternity some incentives should be given to plumbers so that they would participate more wholeheartedly.



The competition in progress

**Since this is the first time such an event is being organised by the plumbing fraternity, please share your views on it.**

In association with IPSC we are supporting regional competitions. Our focus is that the competitions should be well organised.

**What are your future plans for the World Skills Competitions?**

We are really honoured to be associated with IPSC and are looking forward to providing trainings to candidates in preparing them for the World Skills Competitions in Kazan in 2019.



# COO VISITS PATTAMUNDAI



The Plumbing Industrial Training Institute (ITI) in Pattamundai

Maj Gen (Retd) T.K.Chadha (COO-IPSC) visited the Plumbing Industrial Training Institute (ITI) at Pattamundai, Odisha in April, 2018. Mr Ajay Panda, Deputy Director, Manpower Planning, DTET, Odisha, also joined IPSC on this visit. This visit was significant for a number of reasons as it threw up agendas which need to be addressed along specific time lines. The early goals include objectives like:

- IPSC to motivate the partners of the Plumbing Industry to undertake the task of modernizing the existing Laboratory.
- It is important to look into the capacity building of the Faculty and IPSC will conduct Training of Trainers (ToT) programme to certify the trainers.



Maj Gen (Retd) T.K..Chadha visiting the plumbing lab

- Affiliation of Plumbing ITI with NSDC for PMKVY 2.0 and IPSC is to provide support for affiliation. ITI will conduct Short Term Trainings for all the available trades.
- IPSC will also help in Advocacy through the creation of motivational videos that can be displayed in strategic locations across the Plumbing ITI.
- Knowledge Partnership with IPSC, which means IPSC and the ITI will work together and share Technical knowledge in plumbing.



Maj Gen (Retd) T.K..Chadha being briefed on various activities of the ITI

The long term agenda of this visit includes issues like:

- Building a Modern Plumbing Lab including High-end Plumbing Towers for which both the central and state governments are to provide funds.
- Auditorium to be constructed on the second floor of the existing workshop building, for which the state and the central government to provide funds
- Museum for all trades to be constructed as a motivation for aspiring candidates.
- Campus planning to include a Modern Entrance gate and the Principal of the ITI is to hire an architect to design a modern plan for the ITI.



Maj Gen (Retd) T.K. Chadha with the Principal and Assistant Director of the ITI



## IPSC PARTICIPATES IN INDIAN PLUMBING CONFERENCE IN GOA

Indian Plumbing Skills Council participated in Indian Plumbing Association's Goa conference on April 27th and 28th, 2018. This was a step forward for IPSC to not only interact with industry partners, but to take the Skill Mission forward in Goa for the first time. IPSC took this opportunity to share its skilling and certification agenda with the plumbing fraternity in the state and also to identify Training Partners who would in future help take it forward.



## IPSC signs MoU with Rothenberger

Indian Plumbing Skills Council has signed a Memorandum of Understanding with German Piping Tool Organisation Rothenberger, by which the latter has helped extend support in the skill development of the plumbing workforce in the Indian plumbing sector as well as for the World Skills Competitions in Kazan in 2019.



## IPSC holds meeting with Sekisui

Indian Plumbing Skills Council held a meeting with Sekisui Chemicals India Pvt Ltd at the IPSC office in New Delhi to discuss and deliberate on the installation of plastic pipes and fittings. Sekisui is already an industry partner of IPSC and is helping to upgrade the installation standards of UPVC and CPVC Pipes. Sekisui was represented by Mr. Takehisa Sugaya (General Manager- Technical, Tokuyama Sekisui, Japan), Ms. Kotoe Manno (Manager- Sales, Sekisui Specialty Chemical, Thailand) and Mr. Saurab Aggarwal (Head-Marketing & Business Development, SAARC Countries).



### IPSC Shifts to New Office in Okhla



### RPL Award Ceremony in Hooghly



Indian Plumbing Skills Council's Training Partner Quivan Skills conducted an Award ceremony for the completed RPL trainings under the PMKVY 2.0 scheme in Hooghly, West Bengal. The Award ceremony was held for the distribution of certificates to the successful candidates.

### Training of Assessors (ToA) at Global Institute, Delhi



### Skipper RPL in Amtala

A one day Plumbing RPL was organised by IPSC in collaboration with Skipper Pipes at Amtala, South 24 Parganas in West Bengal in April. As many as 56 plumbers attended the meet which was also put to good use by IPSC to motivate the plumbers towards skilling and certifications.



For any questions or queries, please feel free to contact us at:

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