



IPSC News & Views

Indian Plumbing Skills Council

December 2017 | Volume 1, Issue 5



Plumber Training & Certification Project takes off between IPSC and Skipper Pipes across India



GUJARAT



ASSAM

Indian Plumbing Skills Council (IPSC) and Skipper Pipes signed an MoU, in the presence of the Hon'ble Minister of State Skill Development and Entrepreneurship a few months ago. As per the MoU, IPSC and Skipper Pipes have undertaken to conduct a joint programme of Training and Recognition of Prior Learning (RPL) of 10,000 plumbers across India. This fruitful association between IPSC and Skipper Pipes aims to train youths with modern day plumbing skill sets and assess their competence to grade them to a defined level. On successful assessment, the plumbers will receive a Skill India certificate from IPSC as well as an Identity Card from IPSC and Skipper Pipes.

Summing up this activity, Mr Devesh Bansal, Director, Skipper Limited, said “ At Skipper we believe firmly in taking care of our partners. Under the “Skipper Saathi” programme, we want to ensure that we are able to upskill as well as certify the plumbing community. For self-employed individuals, such certifications will mean increased earnings while at the same time ensuring top quality of work at the job sites”.



HYDERABAD



KOTA



UDAIPUR



BHOPAL

In this ongoing Training and RPL programme, Skipper Pipes and IPSC have trained and assessed plumbers in states like Punjab, Rajasthan, Gujarat, Assam, Telangana, Madhya Pradesh, Maharashtra, Bihar, Odisha, Uttar Pradesh, Haryana & Delhi. The activity will start in more states in the next few months.

Skipper Pipes has previously also associated itself with Training workshops in association with IPSC and National Skill Development Corporation (NSDC) for providing skills to youth, enabling them to earn livelihoods. But this association with IPSC has helped take the mobilisation of the plumbing workforce to different heights. Innovative marketing techniques, specially that of using posters at strategic areas and dealerships, have helped in a big way to get plumbers come forward and participate in RPLs. This has created widespread interest and cooperation in the plumbing workforce and has also helped take the popularity and brand value of Skipper Pipes to new heights. Both the IPSC and Skipper feel that this initiative will help contribute to the growing requirement of trained manpower in plumbing sectors.



UDAIPUR



JODHPUR

Q & A with Mr Devesh Bansal, Director, Skipper Limited

Is this the first venture of its kind for Skipper?

Yes, as a partner in a formal training programme but Skipper Pipes has sponsored earlier Plumber Training programmes and IPSC competitions in the IPA event.



What has been the response like with the training sessions?

Skipper Pipes is imparting this training for its own database of plumbers as well as those identified, by a due process, by IPSC. We have had a good response with numbers exceeding the optimum quorum in many places.

What have been the challenges in conducting RPLs?

The main challenge is to communicate to the daily wage earner plumber, the long term benefits of the programme and to have him for two / three of his earning days for the training session.

What has this partnership with IPSC meant for Skipper?

Skipper Pipes wants to upskill and certify the Plumbing community. The MoU with IPSC is an ideal platform for Skipper Pipes to fructify its vision.

What does the roadmap look like and what are the improvements that can be brought in?

The Skilling Programme will require the setting up of many more training centres to ensure penetration even in the rural areas where training to plumbers should also consider catering to agricultural needs such as bore wells.

STATES/CITIES COVERED UNDER THE PROJECT

Andhra Pradesh	:	Srikalahasti, Armoor, Vijaywada, Usnabad
Assam	:	Guwahati, Silchar, Nagaon, Hojai, Rongia, Sivsagar
Bihar	:	Patna, Bhagalpur, Purnia, Sivan
Delhi/NCR	:	Delhi, Gurgaon, Noida, Ghaziabad
Gujarat	:	Surendranagar, Rajkot, Ahmedabad, Mehsana
Jharkhand	:	Jamshedpur, Hazaribagh, Ranchi
Madhya Pradesh	:	Bhopal, Indore and Gwalior
Maharashtra	:	Nashik, Pune, Nagpur, Mumbai
Odisha	:	Bhubaneshwar, Kendrapada, Jagatsinghpur
Punjab	:	Ludhiana, Phagwara, Jalandhar, Ferozepur, Mohali, Chandigarh, Amritsar
Rajasthan	:	Jaipur, Kota, Jodhpur, Udaipur
Telangana	:	Miryalaguda, Gudur
Uttar Pradesh	:	Lucknow, Gorakhpur, Allahabad, Kanpur, Hapur, Bareilly, Rudrapur
West Bengal	:	Murshidabad, Maldia, East Medinipore, West Medinipore

Seminar on Stainless Steel for Water storage and treatment

The Indian Stainless Steel Development Association (ISSDA) in collaboration with the Ministry of Steel, Government of India, and sponsored by Nickel Institute and Jindal Steel organised a seminar on "Stainless Steel for Water Service Pipelines, Treatment and Storage" at Taj Mahal Hotel, New Delhi, on 10th November 2017. The discussions were topical, and touched upon well-informed talks on 'Stainless Steel - An Ideal choice for water treatment Solution', 'Use of Stainless Steel in Plumbing Applications', 'Healthy and Long Lasting Solutions for Water Storage', among others. IPSC was represented by Maj. Gen. (Retd) T.K. Chadha and Mr Varun Tandon. The programme was attended by important dignitaries like Shri Chaudhary Birender Singh, Union Minister of Steel, who delivered the inaugural address, and Shri Vishnu Deo Sai, the Minister of State for Steel. The panellists included esteemed speakers like Dr Aruna Sharma, Secretary, Ministry of Steel; Mr Richard Matheson, General Manager Asia - Nickel Institute; Shri Abhyuday Jindal, Vice Chairman - Jindal Stainless (Hisar) Ltd; Shri Durga Shanker Mishra, Secretary - Ministry of Urban Development and Shri Keshav Chandra, Chief Executive Officer - Delhi Jal Board.



ALL HANDS MEETING

NSDC ORGANISES SECTOR SKILL COUNCIL MEET TO DISCUSS THE ROADMAP AHEAD

Indian Plumbing Skills Council (IPSC) participated in the Sector Skill Council-All Hands Meeting organised by National Skill Development Corporation (NSDC) at Lemon Tree Premier Hotel in Aerocity, New Delhi on 23rd November 2017. The larger agenda was to focus on the activities, new developments in the skilling eco-system, functioning of Sector Skill Councils and create a roadmap vis-a-vis skill potential and job opportunities of the Indian workforce under the Skill India Mission.

As per Skill India mission, India plans to make it easier for skilled workforce, to get jobs overseas by formulating policies and laying down systems and procedures that will map the requirement of such professionals abroad as well as the certifications required in different countries. Work is being done by National Skill Development Corporation to gather data of how many skilled workers are required in which country and also the basic minimum certification required for each skill in different countries.

The All Hands Meeting had a varied agenda which intended to address issues that would concern all Sector Skill Councils, like 'Strategic Employment Partnership', 'A Deep Dive into World Skills & Future', 'An Update on PMKVY activities' and 'Enhanced Role of SSCs in RPL and Special Projects,' among others. Col AK Chandel conducted the All hands Meet with the respective NSDC officials addressing each topic and the same was chaired by Mr Jayant Krishna. Later in the day, the session was addressed by Mr Rajesh Agarwal, Joint Secretary, Ministry of Skill Development and Entrepreneurship (MSDE) and the closing remarks were aptly delivered by Mr Manish Kumar, CEO and MD of NSDC. The session was interactive and it helped create a road map for the Sector Skill Councils to give them a perspective and goal to work for.



First Training of Trainers (ToT) in Jammu



G K Institute of Training and Research and Evergreen Computers in association with Indian Plumbing Skills Council (IPSC) hosted Training of Trainers (ToT) in Jammu for the first time at the Evergreen Computers premises. Master Trainers and Engineers Mr Ravi Dutt Sharma and Mr M.K.Garg conducted the training sessions for about 15 candidates. The sessions provided good exposure for candidates to learn domain skills as well as learning training skills for effective training delivery.

HYDROTHERAPY : HOW WE CAN USE IT TO ITS BEST ADVANTAGE



IPSC Vice Chairman **Mr Vinay Gupta** shares his views on Hydrotherapy, its various facets and how it can be used for medical benefits for people with different ailments

What is Hydrotherapy?

Hydrotherapy, formerly also called Hydropathy, means water cure and is a part of medicine and alternative medicine, particularly naturopathy, occupational therapy and physiotherapy, that involves the use of water for pain relief and treatment.

The term Hydrotherapy is coined from the Greek words – “Hydro” meaning “water” and “Therapeia” meaning “Healing”. As it suggests, hydrotherapy is a method of using the physical aspect of water for medical and relaxing treatments. The buoyancy of water effect minimizes the efforts of gravity on weight bearing joints, spinal column and ligaments. The entire therapy improves balance and co-ordination.

Hydrotherapy, as it is used today, is the use of water in the treatment of different conditions, including arthritis and rheumatic-related complaints. As opposed to a common belief that Hydrotherapy is similar to swimming, it is actually not. Hydrotherapy actually involves special exercises that one is made to do in a warm water pool or even in a bath tub. The water temperature for Hydrotherapy is fixed at 33 to 36 degree centigrade which is warmer than a typical swimming pool.

How does Hydrotherapy work?

Hydrotherapy uses the principles of water to allow exercise and to alter exercise intensity. Because of the buoyancy of the water, hydrotherapy allows many individuals to exercise in water, which they perhaps will not be able to do on land. The effect of this increased buoyancy and decreased gravitational force means that there is less stress on weight bearing joints such as the knees and hips and many movements can be performed in water before they would be possible on land. Increased temperature and hydrostatic pressure promote increase in circulation and flexibility and help decrease pain and inflammation.

How can a Bath tub be used for Hydrotherapy

The swimming pool, hot tub and sauna can be used for healing and relief. A walk-in bath also has therapy that a standard bath cannot provide. Not only is it a bathtub, it is a complete therapy centre. Many models of a bathtub are accordingly designed for comfort and peace of mind.



In addition to providing a safe and comfortable way to bathe for all age groups, people or anyone with mobility problems, a walk-in bath helps relieve problems such as arthritis, inflammation, tendonitis, syndrome carpal tunnel, bursitis, back pain, multiple sclerosis, scoliosis, etc.

Heat therapy

In addition to increasing the flow of blood, a bathroom with water at high temperature not only fights against the symptoms of colds and flu but also helps to unclog nasal passages. People with psoriasis may find relief by taking oatmeal baths.

A warm bath helps the veins and arteries to dilate. The muscle aches that develop with ageing are often difficult to bear and a hot bath often removes the discomfort.

Bathtubs also come with therapeutic jets which when placed on legs, feet and back provide relief. A dozen jets strategically placed in your new walk-in bath can provide a massage that will soothe the muscles and joints.

Cold baths, specially when the body can reach that temperature that can defend against cold water, are usually recommended only for a quick dip, between 6 and 30 seconds.

Medical Benefits of Hydrotherapy

Hydrotherapy can be very useful in treating many different types of soft tissue and bone injury as well as neuromuscular conditions such as muscular dystrophy.

The Medical benefits of hydrotherapy include:

- **Pain relief:** Hydrotherapy has proved to be a highly effective type of natural therapy which works by stimulating the endorphins which in turn help to alleviate tension and control pain.
- **Reduction in muscle spasm:** Hydrotherapy helps reduce spasm by the increased exercises it facilitates in water.
- **Stimulate and relax the muscles:** Hydrotherapy is good for diseases such as arthritis, poor circulation, sore muscles, rheumatism, and muscle injury. Hydrotherapy using hot water will stimulate and make muscles become relaxed.
- **Increased circulation:** Hydrobath has an extraordinary and almost miraculous ability to improve circulation by providing nourishment and oxygen to entire cells and tissues.
- **Improve organ function:** This therapy improves blood circulation in the internal organs, and builds their own immunity. It is also expected to fight a variety of diseases, including chronic illnesses.
- **Improve the body's metabolic activity:** Hydrotherapy bath with cold water, and then with a hot bath, will help the muscle contraction.
- **Stress:** Hydrotherapy helps in breaking the stress cycle of everyday life and treat stress-related illnesses, which can cause a variety of psychological and physical problems like digestive complaints, high blood pressure, anxiety attacks, depression, headaches, insomnia etc.
- Hydrotherapy also takes care of neurological conditions including **Muscular Dystrophy, Cerebral Palsy, Multiple Sclerosis, Parkinsons Disease** etc.

Risks and Side Effects of Hydrotherapy:

Invasive hydrotherapy techniques like douching, colonic irrigation and enemas are not well accepted because these internal cleansing techniques can actually cause harm to an individual by upsetting the natural balance of the digestive tract.

Overheating is the most likely side effect of hydrotherapy, which can be very harmful. This may occur when an individual spends too much time in a hot tub or Jacuzzi.

Certain essential oils should not be used by pregnant or nursing women or by people with specific illnesses or physical conditions. Individuals suffering from any chronic or acute health condition should inform their healthcare provider before starting treatment with any essential oil.



Certificate Distribution at PMKVY RPL Session

PMKVY 2.0 RPL Certificate distribution Ceremony on 15th November, 2017 organised by Quivan Skills Empowerment Pvt Ltd, Kolkata was held at Balpai, Paschim Medinipur, West Bengal. Mr Jyotirmoy Debnath, Manager East, IPSC; Mr Bikram Das, State Manager NSDC; Mr Soumen Bhattacharya, Managing Director, Quivan Skills as well as the Principal of Sabong College. Dignitaries of the Panchayet Samity were present during the event. More than 1000 candidates including 30 lady plumbers were present on the occasion to collect their Skill India Certificates.



A VISIT TO PRATHAM'S TRAINING SITE IN MUMBAI

Mr Chintan Daiya, World Skills Competition Expert of Plumbing & Heating category, visited the Pratham Education Foundation's Training site in Panvel, Mumbai, to talk to the candidates and to motivate them. Pratham has created a niche for itself for creating awareness about vocational training and employment in rural areas using audio visual content as well as practical camps, which are ably interspersed with aptitude testing and counselling sessions. Pratham Group as the Training partner provides training to candidates in plumbing. The candidates are being trained on Plumber General Level 3 job-role which have been developed by IPSC and are being sponsored by industry partner Voltas.



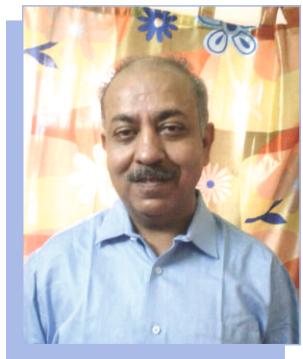
MEETING WITH JAQUAR GROUP REGARDING SKILL DEVELOPMENT

Indian Plumbing Skills Council conducted a meeting with Mr Kanwar Shamsher Relan, Head - CSR, Jaquar Group to discuss various avenues and the progress of Jaquar's involvement in the skill development of the plumbing workforce. Jaquar is a leading manufacturer of bath and kitchen faucets, bathroom fittings, sanitary ware, bathroom accessories, bathtub, taps and showers. Through IPSC's association with Jaquar, several new training centres that are high-tech and well-equipped are being set up. This effort promises to be of immense value for the skill enhancement of the plumbing community.



'Our Human Bodies are Replicas of Our Plumbing Prototype'

Mr Goutam Mukherjee is a plumbing contractor, as well as a Master Trainer for IPSC. A discussion with him:



► **Why did you become a trainer?**

Since 1995, I am in this industry and I have come across many plumbers through this long association. Many young people have come into my life as helpers, and I have subsequently trained them and made them plumbers. They used to earn as little as Rs 110 a day, and now their salaries have increased to as much as Rs 17,000 per month. After these kind of experiences, I felt that I should take my experience and ability to train to the society at large for their benefit.

► **What are the highlights of your role as a trainer?**

I believe that the need for plumbers and plumbing will increase by many folds in the coming years. In fact, the plumbers are the backbone of our construction industry. In fact, our human bodies are also replicas of our plumbing prototype. I feel extremely proud to be a part of this profession and feel that any contribution that I make will be for the betterment of society.

► **What keeps you motivated to be a trainer in the skilling eco-system?**

I enjoy being a trainer. Being a plumbing contractor, this not only keeps me in touch with the plumbing profession at the ground level, but also lends a new kind of horizon in my career graph. The training profession helps me to interact with a lot of people, specially youngsters. Their enthusiasm and eagerness to learn keep me energetic and I feel I can also deliver better results.

► **How did the IPSC courses help you?**

These are very comprehensive courses as they take care of the personal development of the plumber as well as his skill development, all under one umbrella. Besides skill, which is of course an intrinsic part of the profession, an all round development of a person will always be helpful in the long run, and I think that is what I have benefited from the training.

► **You have been a speaker at various places including industry workshops. How was the experience?**

I delivered a speech at the programme organized by Skipper. My speech was on the topic of waste line in the plumbing industry as well as on personal development. And at the Oriplast meet I shared my experience about water distribution in line and time management. Both the programmes were overwhelming experiences and I am very glad I attended them.

► **Do you think training and certification are important for plumbers? If so, why?**

In the past, and even in the present times, the plumber does not enjoy any proper recognition in society. They may be able to earn a good amount but they are still seeking for their own identity. I feel, Training and certification help give them that identity in society. The industry must decide to take a percentage of plumbers with certification for each project. In future, a time may come when only certified plumbers will be employed on all projects.



Training Partners' Meet in Delhi, Bhubaneshwar & Mumbai

IPSC conducted Training Partners' Meet in New Delhi on 21st November, Bhubaneshwar on 28th November & Mumbai on 29th November. The meetings were conducted to review the progress of Recognition of Prior Learning (RPL) activities and to discuss the future roadmap for PMKVY RPLs, among other issues. There were further discussions on Training of Trainers (ToT) in various states to execute the RPL and Fresh Training activities across India. Officials of Skipper pipes were also invited by IPSC in all the meets to ensure that the training partners are also aligned to the needs of the Industry partner in the joint plumber Training and Certification projects. The meetings were followed by visits to the training centres as well.



Bihar Skill Development Mission Meet

Bihar Skill Development Mission conducted a workshop on 18th November 2017 at Hotel Le Meridien, Gurgaon, to understand the current hiring trends and employment opportunities and also to launch the model of RTD- Recruit, Trained and Deploy. RTD is the first of its kind of scheme modelled on providing flexibility to industry to train candidates from any location. Other Sector Skill Councils like Furniture & Fittings, Management, Travel & Tourism also attended the session.



Training of Trainers (ToT) sessions in Delhi



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

INDIAN PLUMBING SKILLS COUNCIL

B -168 / 169, DDA Complex, Okhla Phase - 1, New Delhi - 110020, India

Phone No: +91 11 – 41513580 / 41400556

E mail: ipsc@ipssc.in | Website: www.ipssc.in