



U.S.-India Standards and Conformance Cooperation Project (SCCP), Phase II



**Workshop on Water and Sanitation Systems in India:
Leveraging standards for infrastructure improvement**

June 26-27, 2018

The Leela Palace, Chanakyapuri, New Delhi, India

Day 1: Water Supply to Point of Use

8:30 – 9:00 am	Registration
9:00 – 10:15 am	<p>9:15 am start Traditional lamp lighting Welcome and Opening Remarks</p> <ul style="list-style-type: none"> • USTDA, Ms Mehnaz Ansari, USTDA Country Representative, South Asia <p>Addresses by</p> <ul style="list-style-type: none"> • ANSI, Mr Russ Chaney, the IAPMO CEO and ANSI Board chairman • Ministry of Commerce and Industry, Mr P.V.Hari Krishna, Director • BIS, Mr A.K.Sarin, Chairman, Technical Committee (Public Health Engineering) • U.S. Commercial Service, Ms Aileen Nandi, Acting SCO <p>Inaugural address</p> <ul style="list-style-type: none"> • BIS, Mrs Surina Rajan, DG <p>Vote of thanks</p> <ul style="list-style-type: none"> • Mr B.K.Jain, CEO Aaditech Inspection Services Pvt Ltd
10:15 – 10:35 am	<p>Session #1: Improving Water Efficiency & Sanitation in Homes & Buildings Moderator: Mr M. K. Gupta (Expert Member, BIS TC for Water Efficient Plumbing Products)</p> <ul style="list-style-type: none"> • Indian Plumbing Association, Mr Sandeep Goel, Member of BIS TC (Water Efficient Plumbing Products) and TC Member IPA "Water Efficient Plumbing Products: An Approach towards Sustainable Habitat"
10:35 – 10:55 am	<ul style="list-style-type: none"> • Safe Water Network, Mr Ravindra Sewak, Country Director and member CII National Committee on Water "Operations and management of safe water stations at village level for catering to the drinking water needs of the community"



U.S.-India Standards and Conformance Cooperation Project (SCCP), Phase II



10:55 – 11:15 am	<ul style="list-style-type: none"> DRDO, Mr Devakanta Pahadsingh [Sc. 'G' & Director (Life Sciences), DRDO & Expert Member, BIS TC for Public Health Engineering] "On-site Human Waste Management Systems in India"
11:15 – 11:30 am	Coffee Break
11:30 – 12:00 pm	<p>Session #1 continued: Improving Water Efficiency & Sanitation in Homes & Buildings Moderator: NSF International, Ms Kathryn Foster, Technical Operations Manager for Water Distribution Systems</p> <ul style="list-style-type: none"> IAPMO, Mr Dain Hansen, Senior Vice President, Government Relations "Using International Plumbing Standards as Tools to Promote Local Industry and Economic Growth"
12:00 – 12:30 pm	<ul style="list-style-type: none"> ASME, Mr Angel Guzman Rodriguez, S&C Project Engineer "ASME overview and A112 Standards for Water Efficiency"
12:30 – 1:00 pm	Q&A and Discussion (All speakers of Session#1)
1:00 – 2:00 pm	Lunch
2:00 – 2:30 pm	<p>Session #2: Water Treatment, Distribution & Utility Management Moderator: Mr Sanjay Pant, Head (Civil Eng.), Bureau of Indian Standards</p> <ul style="list-style-type: none"> Bureau of Indian Standards, Mrs Madhurima Madhav, Dy Director (Civil Engg.), "National Building Code and Indian Standards on Water Supply, Drainage and Sanitation"
2:30 – 3:00 pm	<ul style="list-style-type: none"> AWWA, Mr Frank Kurtz, Standards Engineer "AWWA Standards for Water Treatment Products, Distribution System Components, and Utility Management"
3:00 – 3:30 pm	<ul style="list-style-type: none"> NSF International, Mr B.B. Singh, Business Development Manager "NSF Water Treatment and Distribution Product Standards"
3:30 – 3:45 pm	Coffee Break
3:45 – 4:45 pm	<p>Session #3: Building a Skilled Workforce – Panel Session Moderator: Mr Vinay Gupta, Vice Chairman, Indian Plumbing Skill Council</p> <ul style="list-style-type: none"> IAPMO India, Dr Chandrasekhar, Director (Water Systems) AWWA, Mr Frank Kurtz, Standards Engineer



U.S.-India Standards and Conformance Cooperation Project (SCCP), Phase II



	<ul style="list-style-type: none"> • AWWA India, Mr Aninda Sen • Ms Nita Sharma, Consultant (Water resources) • IWWA, Mr Kanwarjit Singh, Chairman IWWA, Delhi Chapter • IPA, Mr C.S. Gupta, Founding member of IPA • IPSC, Mr Varun Tandon, Vice-President
4:45 – 5:00 pm	Wrap-up from Day 1 <ul style="list-style-type: none"> • IAPMO India, Dr Chandrasekhar, Director (Water Systems)
5:00 – 6:00 pm	Reception

Day 2: Water Quality & Waste Water

8:00 – 9:00 am	Registration
	Session #4: Water Quality from a Water Provider Perspective <ul style="list-style-type: none"> • Moderator: Mr Anupam Kaul, Principal & Head (QMS), Confederation of Indian Industry
9:00 – 9:30 am	<ul style="list-style-type: none"> • Mr Naresh Kumar Dargan, Executive Engineer, Delhi Jal Board "Challenges faced and effective solutions for ensuring water quality by DJB"
9:30 – 10:00 am	<ul style="list-style-type: none"> • AWWA, Mr Frank Kurtz, Standards Engineer "Standards and the U.S. Public Water Sector"
10:00 – 10:30 am	<ul style="list-style-type: none"> • NSF International, Ms Kathryn Foster, Technical Operations Manager for Water Distribution Systems "Water Contaminant Concerns: Challenges & Success in the US"
10:30 – 11:00 am	Coffee Break
	Session #5: Water Quality from a Point of Use Perspective Moderator: Mr A. K. Sarin (Chairman, BIS Technical Committee)
11:00 – 11:20 am	<ul style="list-style-type: none"> • Water Quality India Association, Dr Raman Venkatesh, CEO & Sr. VP Eureka Forbes and Secretary "State-of-Play of Multi-technology Point-of-use Devices in India"
11:20 – 11:40 pm	<ul style="list-style-type: none"> • NSF International, Mr Harold Chase, Legislative Director



U.S.-India Standards and Conformance Cooperation Project (SCCP), Phase II



<p>11:40 – 12:00 pm</p> <p>12:00 – 12:20 pm</p>	<p>" Drinking Water Treatment Devices and Filtration: Benefits of Standards Development and Conformity Assessment"</p> <ul style="list-style-type: none"> IAPMO, Dr S. Muralidhara Rao, Head of IAPMO India Lab " Measuring and Certifying Multi-technology point-of-use Device Reduction Claims" Ministry of Drinking Water and Sanitation, Shri D. Rajasekhar, Dy Adviser (PHE), "Water quality from user's perspective"
<p>12:30 – 1:00 pm</p>	<p>Q&A and Discussion</p>
<p>1:00 – 2:00 pm</p>	<p>Lunch</p>
<p>2:00 – 2:30 pm</p> <p>2:30 – 3:00 pm</p> <p>3:00 – 3:30 pm</p> <p>3:30 – 4:00 pm</p>	<p>Session #6: Wastewater Collection & Treatment Moderator: Mr Vikram Singh, Chief Engineer (Drainage)-Pr1, Delhi Jal Board</p> <ul style="list-style-type: none"> Chandigarh Smart City Project, Mr Asit Nema, Consultant on Solid Waste Management "Issues with the Revision of Sewage Treatment Discharge Standards" AWWA, Mr Frank Kurtz, Standards Engineer "AWWA Utility Management Standards for Wastewater" NSF International, Mr BB Singh, Business Development Manager "Standards to Support On-Site Decentralized Wastewater Treatment & Testing Protocols" Headworks India Pvt Ltd, Mr Vincent Pinto, Director & Country Manager "Quality Standards, Opportunities and Challenges in the Waste Water Business in India"
<p>4:00 – 5:00 pm</p>	<p>Closing Remarks</p> <ul style="list-style-type: none"> ANSI, Ms Leslie McDermott, Director, International Development BIS, Mr R.K.Mittal, DDG (Standards) CII, Mr Anupam Kaul, Principal & Head (QMS), CII