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## **NATIONAL CONFERENCE ON**

### **PIPED WATER SUPPLY AND SEWERAGE SYSTEMS**

**By Institution of Public Health Engineers, Delhi Regional Centre**

**in association with M/S Electrosteel Castings Limited**

**January 24th & 25th, 2014 at New Delhi**

#### **BACKGROUND**

Water is a precious natural resource which is fundamental to life, livelihood, food security as well as a critical input for several industrial operations. The axiom remains valid and its importance does not require any more overemphasis. Given the rising pressures on this natural resource on account of increasing population, industrialisation, impetus to sustained economic growth and changing life styles, there is huge gap between supply and demand of water – be it for domestic, commercial, industrial or agricultural applications. In several regions across the world water availability cannot be taken for granted and it has become a growth limiting factor. There are several areas across the country which are still unserved. Evidently judicious and efficient use of water, its conservation and protection from contamination has been an imperative for a long time. In this respect planners, engineers and decision makers have an important role to play by adopting right policies, plans and systems. It is evident that business as usual will not help us reach there, because there is a need to go beyond, to adopt appropriate measures on all fronts to reinforce planning, implementation and maintenance.

Among others, in the case of domestic and industrial water supplies as well as urban sewerage systems piping for conveyance, transmission, distribution or collection is an integral and critical component and which accounts for substantial capital investment. Nature of piping and the quality of laying of the pipelines determines to a great extent effectiveness and sustainability of the systems – be it leakages of fresh/treated water or infiltration of wastewater; corrosion or erosion of pipe material; or breakages, tempering, vandalism and replacements of damaged pipes over the lifecycle of the systems. Evidently material of construction of pipes and specifications plays very important role in water supply and wastewater/sewerage systems.

With tremendous advancements in material sciences and manufacturing technologies over last few decades, industry is in a position to offer broader and superior range of options when it comes to pipes for diverse applications. As a result a number of conventional options have now become obsolete while newer options are being increasingly adopted considering operational efficiency, ease in construction and maintenance, environmental sustainability and last but not the least the life-cycle costs of the systems.



In this context, The Institution of Public Health Engineers (IPHE), Delhi Regional Chapter takes the lead in organising a national conference on the subject of water supply and sewerage systems with focus on pipe materials, construction techniques, life cycle costs and related aspects. The objectives of the conference are to:

- Familiarise participants with the latest industrial developments with regard to pipe materials for transmission and distribution in water supply systems; and collection and transmission for sewerage systems in urban as well as rural areas.
- Share experience on performance and techno-economic aspects of transmission, distribution and collection systems towards improved planning, implementation and efficiencies/sustainability of water supply and sewerage systems.
- Enable appreciation of a robust decision support system for selection of pipes for various applications considering available options and specifications.

The conference will be of interest to all professionals, policy makers and engineers involved in planning, designing, procurement, implementation and operation and maintenance of domestic and industrial water supply systems as well as sewerage systems, wastewater management systems, pollution control programmes and projects, etc.

## **CONFERENCE STRUCTURE**

The conference will be conducted over four sessions in two days where each session will have presentations on advantages and limitations of various pipe materials, selection of pipes, technical specifications, policies on pipe procurement, determination and comparison of life-cycle costs, experience from the field, etc. Each session will be followed by a panel discussion which will be anchored by eminent persons from the domains of water supply, sewerage and pipe manufacturing, etc. A detailed session-wise programme of the two day conference will be shared in due course.

## **PROFILE OF EXPECTED PARTICIPANTS**

Policy Makers and Regulators; Officers and Engineers from Central/State utilities, Consultants, Municipal Corporations, Research and Academic Organizations, International and National Development agencies, Technology Providers, Bureau of Indian Standards, etc. About 100 participants are to be confirmed on first come first serve basis.

## **PAPERS AND PRESENTATIONS**

Papers related to the theme of the conference are invited for inclusion in the souvenir that is planned to be publishing on this occasion. Papers can be on any of the following subjects:

- Water supply/ sewerage system design strategy.
- Pipe of different materials – benefits and limitations.



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- Criteria for selection of pipes and pipe materials for water supply and sewerage systems.
- Life-cycle cost analysis: approach & application.
- Technical specifications, documentation and contractual aspects for turnkey projects.
- Pipe procurement and selection policy.
- Field experience related to project planning, implementation, operation and maintenance, etc.
- Application of advanced technology solutions towards operation and monitoring of water supply, sewerage systems including rising mains, etc.

Papers should not exceed 5 pages. Selected papers can be considered for presentation during the conference which will be subject to the quality of the paper and at the discretion of the organising committee

## REGISTRATION FEE

	Before 31/12/2013	Between 31/12/2013 & 15/01/2014	After 15/01/2014
<u>Participant category</u>	Rs.	Rs.	Rs.
Consultancy firm/ industrial delegates	3500	4000	5000
Govt. Officers and NGO	2100	2400	3000
IPHE Members and engg. students	500	600	800

Notes:

1. 10% discount will be admissible for two or more registrations from the same organization.
2. Few waivers may be considered by the Organizing Committee on merit on individual requests.

## MODE OF PAYMENT

Conference registration fee can be paid in any one of the following ways:

1. Demand draft drawn in favour of 'Institution of Public Health Engineers', payable at New Delhi. The DD with duly filled application form(s) should be mailed to the address given at the bottom of this notice.
2. Cash deposit or transfer through net banking in the bank account of the Delhi Regional Centre of IPHE as per the following details. A copy of the bank deposit slip/ NEFT transfer receipt should be sent along with duly filled form(s) by post to the address given at the bottom of this notice.
3. Cash on spot registration at the venue.



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### **Bank Details**

Beneficiary Name : Institution of Public Health Engineers  
Bank Name : Bank of Maharashtra  
Bank Address : Shahajahan Road, Near UPSC, New Delhi – 110069  
Account no. and type : 20072322764 ; Savings  
IFSC Code : MAHB 0001160

### **VENUE OF THE CONFERENCE**

The conference will be held at the Gulmohar Conference Hall, India Habitat Centre, Lodhi Road, New Delhi on both the days.

### **ADDRESS FOR COMMUNICATION**

Institution of Public Health Engineers, Delhi Regional Centre

D-208, Sarita Vihar

New Delhi 110076

Email- [iphedelhi@gmail.com](mailto:iphedelhi@gmail.com)



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## NATIONAL CONFERENCE ON PIPED WATER SUPPLY AND SEWERAGE SYSTEMS

Organised by **Institution of Public Health Engineers, Delhi Regional Centre, New Delhi**  
in association with **M/S Electrosteel Castings Limited**  
On January 24th & 25<sup>th</sup>, 2014 (two days)

**Venue:** Gulmohar Hall, India Habitat Centre, Lodi Road, New Delhi

Name: Dr/ Mr / Mrs / Ms \_\_\_\_\_

Sex(Please√): Male O /Female O

Category (Please√): Consultancy Firm /Industrial Delegates O / Govt. Officers O / Design Engineers O  
/ NGO O / Students Participants O

Designation: \_\_\_\_\_

Organization/ Institution: \_\_\_\_\_

Correspondence Address: \_\_\_\_\_

Pin: \_\_\_\_\_ Phone/ Mob .: \_\_\_\_\_

E-mail: \_\_\_\_\_

Assistance Required for Hiring Accommodation (Please√): Yes O /No O

**Registration Fee (Please√):**

Categories	Registration before 31 <sup>st</sup> December 2013	Registration before 15 <sup>th</sup> January 2014	Registration after 15 <sup>th</sup> January 2014
<input type="radio"/> Consultancy firm/Industrial Delegates	Rs. 3500	Rs. 4000	Rs. 5000
<input type="radio"/> Govt. Officers/ Engineers / NGO*	Rs. 2100	Rs. 2400	Rs. 3000
<input type="radio"/> IPHE Members/ Students	Rs. 500	Rs. 600	Rs. 800

Notes:

- 10% discount is admissible for two or more registrations from an organization in all categories.
- Fee waivers may be considered by the Organizing Committee on merit against individual requests.

Payment Method: (Online transfer / DD/ Cash) \_\_\_\_\_

Payment Details:

Bank: \_\_\_\_\_

Amount : Rs \_\_\_\_\_ Date \_\_\_\_\_

Online Transfer Detail \_\_\_\_\_

### Bank Details:

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Account No. : 20072322764  
Account Type : Savings  
IFSC Code : MAHB 0001160

Place:

Dated:

Signature:

Name:

Note: The DD or a copy of the bank deposit slip/ NEFT transfer receipt should be sent along with duly filled form(s) by post to IPHE-DRC, D-208 Sarita Vihar, New Delhi 110076.