

# NATIONAL WELDING SEMINAR – 2011

ON

## Welding Science and Technology in Infrastructure Industries

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### National Welding Seminar – 2011 Organising Committee

- Chief Patron : Shri Pankaj Gautam, CEO, BSP
- Patrons : Shri M K Bindu, ED (Mines), BSP  
Shri S K Gulati, ED (F&A), BSP  
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Shri H S Sangha, GM I/c (M&U), BSP  
Shri Y K Degan, GM I/c (Steel), BSP
- Chief Coordinator : Shri Debasish Thakur, GM (Utilities), BSP



### SPONSORSHIPS

Companies are invited to make use of the sponsorship opportunities of the NWS 2011

Type of sponsorship	Amount(Rs.)
Star Sponsors	2,00,000/-
Sessions Sponsorship	20,000/-
Inaugural & Closing Session Sponsorship	50,000/- each
Cultural Sponsorship	60,000/-
Tea/Snacks Sponsorship	60,000/-

**How to reach Bhilai :** Bhilai is located around 40 Kms. away from Raipur, the Capital of Chhattisgarh and very well connected by Air & Trains. Nearest railway station is Durg, about 7 Kms. from Bhilai. Nearest airport is 40 Kms away at Raipur. The weather in December is moderately cold with average high & low temp. at 27°C and 14°C respectively.

There are many good Hotels located at Bhilai / Durg viz: Hotel Grand Dhillon (4 Star), Hotel Tulip Inn (3 Star), Hotel Ashish Int (3 Star), Hotel Vatsa (3 Star), Hotel Amit International (3 Star) & Hotel Himalaya Park (3 Star).

For Delegate, Stalls Booking & Sponsorship please contact the following persons:

1.	Shri Debasish Thakur Chairman, IIW-Bhilai Branch & GM(Utilities) Bhilai Steel Plant Mb- 09407981518 Ph – 07882852164 Email – debasisthakur@sail-bhilaisteel.com	2.	Shri Ajay Bedi Hony.Secy, IIW -Bhilai Branch & DGM(RSM) Bhilai Steel Plant Mb – 09407980922 Ph – 07882852491 Email – abedi@sail-bhilaisteel.com	3.	Shri B.Venkatraman Jt.Secy, IIW -Bhilai Branch & DGM(RVC) Bhilai Steel Plant Mb – 09407981297 Ph – 07882854326 Email – bvraman@sail-bhilaisteel.com
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December 15<sup>th</sup> – 17<sup>th</sup>, 2011

**Bhilai Niwas, Civic Centre,  
Bhilai, Chhattisgarh**



Jointly Organised By  
**THE INDIAN INSTITUTE OF WELDING, BHILAI BRANCH &  
BHILAI STEEL PLANT (Steel Authority of India Ltd.)**

### The Organizers:

**Bhilai Steel Plant (BSP)**, nine times winner of PM's Trophy for best integrated steel plant in the country, is the flagship unit of Steel Authority of India Limited (SAIL), and contributes close to 50% of the total company profit. SAIL, a Maharatna PSU, is a fully integrated iron and steel maker, producing both basic and special steels for different market segments i.e. construction, engineering, power, railway, automotive, defence industries and export markets. The wide range of steel products of SAIL include hot and cold rolled sheets and coils, galvanized sheets, electrical sheets, structurals, railway products, plates, bars and rods, stainless steel and other alloy steels. BSP has also embarked upon a massive modernization and capacity expansion plan in line with SAIL Corporate plan, to enhance its capacity to produce 7.0 MTPA of crude steel. The envisaged cost of this expansion is to the tune of 17000 crores (Rupees Seventeen Thousand Crores).

**The Indian Institute of Welding (IIW)**, a national professional body of welding fraternity devoted to the promotion and advancement of welding science and technology in India was established on 22nd April 1966 with its head office at KOLKATA. Now this non-profit organization has eleven branches located at Bangalore, Baroda, Bhilai, Chennai, Cochin, Delhi, Jamshedpur, Kolkata, Mumbai, Tiruchirapalli and Vishakhapatnam. The IIW has about 5000 welding professionals as members and over 300 industries as Industrial Corporate Members.

The Bhilai branch of IIW was established in 1992. The institute has been active in dissemination of knowledge and recent developments in the field of welding and related technology by organizing seminars, training programmes etc. It also conducts examination for Associate Member Indian Institute of Welding (AMIW) for welding engineers which is equivalent to an engineering degree.

### National Welding Seminar – 2011

NWS is the most important annual event of the India Institute of Welding and NWS – 2011 aims to provide a conclusive platform for welding professionals and decision makers from industries, academic and research organizations to share and enhance the knowledge of fast developing science & technology of welding.

NWS 2011 is being organized in Bhilai Steel City. An Industrial exhibition will be held concurrently with NWS 2011 to provide an opportunity to the delegates & visitors to enhance their knowledge and skill with the help of exhibits and live demonstration of welding opportunity to showcase their products and technologies.

NWS 2011 beckons all professionals & manufacturers of various products to experience the technological fete.

### Theme : National Welding Seminar 2011

Strong growth trend is already emerging from the growing infrastructure sector and India is slated to be the major driver of economy in the coming decades. This pace of growth is blistering-presenting both: an unprecedented opportunity for growth and the risk of being wiped away from the market altogether. Rising input costs, variable market dynamics and intense competition has resulted in diminishing margins and ever increasing pressure of profits especially in infrastructure segment. With this background the theme chosen for the National Welding Seminar (NWS-2011) is **“Welding Science and Technology in Infrastructure Industries”**

**SEMINAR TOPICS:** The theme of NWS – 2011 covers the following topics:

- (1) Welding in Steel/Power/Cement/Railway industries.
- (2) Welding & Cutting Management.
- (3) Modern trends in Pipeline Welding Technology.
- (4) Inside high pressure welding – Problems & Solutions.
- (5) Modern trends in Welding joint testing to ensure reliability.
- (6) Hard facing.
- (7) Robotic Welding.
- (8) Electrode Manufacturing.
- (9) Education & Training.
- (10) Environment & Safety in Welding.
- (11) Benefits for AWS certification.
- (12) Effective ways for upkeep of Welding Equipments.

### Call for Technical Papers:

The organizations, institutions and individuals associated with Welding Science & Technology, Consultants, Research Organizations, Academic Institutions and Equipment manufacturers / suppliers are cordially invited to participate in NWS – 2011 and contribute papers. The full text, in A4 size, prepared in MS Word, Font: Times New Roman, should be sent by e-mail & a hard copy by post, to reach any of the contact persons, **latest by 31<sup>st</sup> October, 2011.**

### PROGRAMME DETAILS

- Inaugural Programme : at Kala Mandir, Bhilai on **15<sup>th</sup> December, 2011.**  
Technical Sessions : at Bhilai Niwas, Bhilai on **16<sup>th</sup> & 17<sup>th</sup> December, 2011.**

### Who Should attend:

- Welding Engineers and Practicing Professionals.  
Production Managers, Shop Floor Engineers and Supervisors.  
Inspection and Quality Assurance Personnel.  
Scientists and Researchers from Industries.  
Faculty and Students from Engineering and Training Institutes.  
Entrepreneurs from Industries.

### DELEGATE FEES

- Members of IIW - Rs. 2500/-  
Non-members - Rs. 3000/-  
Presenting Authors\* - Rs. 2000/-  
Students / Accompanying Persons - Rs. 1000/-  
\*Applicable only for first author of paper.

### AWARDS & HONOURS

IIW awards the authors presenting the best paper in different categories like research, fabrication, reclamation, automation, non-ferrous welding etc. IIW honours eminent professionals presenting memorial lectures on contemporary topics.

### SOUVENIR:

A souvenir containing all the technical papers presented during this National Welding Seminar will be published to commemorate the event. It shall be circulated amongst all the attending Delegates, IIW Branches and other welding institutions & organizations. This shall definitely give wide publicity to the advertisers.

### ADVERTISEMENT

Advertisements are invited from prospective companies, business houses, traders, service providers and others for inclusion in the souvenir at the following rates

Full page inside front cover(Colour)	Rs. 25,000/-
Full page inside back cover(Colour)	Rs. 25,000/-
Centre Spread (Colour)	Rs. 35,000/-
Full Page (Colour)	Rs. 20,000/-
Full Page (Black & White)	Rs. 10,000/-
Half Page (Black & White)	Rs. 5,000/-
Book mark (Colour)	Rs. 10,000/-

### EXHIBITION

An industrial exhibition will also be held concerned to the Seminar at Kala Mandir, Civic Centre, Bhilai (C.G.) from **15<sup>th</sup> to 17<sup>th</sup> December 2011.**

### EXHIBITION PROFILE

- ◆ Manufacturers & Suppliers of all welding consumables, welding & cutting equipment and automation.
- ◆ Manufacturers, suppliers and consultants to core sector industries like Steel, Power, Cement, Coal Mines etc. including Maintenance & Service units.
- ◆ Manufacturers, suppliers & traders of equipments & accessories for safety items, inspection gadgets, mechanical testing & NDT items.
- ◆ Welding research and education establishments, inspection agencies, professional institutes.