



## Invitation Letter

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### The 3<sup>th</sup> China (Beijing) International Exhibition of both Polyurea Spray Technology and its Application in 2011

**Topic:** Summarizing the Application in the Beijing-Shanghai Express  
Railway and Looking Forward to the Future

April 27- 29, 2011 China International Trade Center (Beijing)

**Approved by:** Beijing Municipal Bureau of Commerce

**Hosted by:** Architectural Society of China Waterproof Technical Committee

China Architecture Industry Association Material Sub-Committee

Beijing Urban Construction Science and Technology Promotion Association

China International Centre for Economic and Technical Exchanges

[www.polyurea.cn](http://www.polyurea.cn)

**Supported by:** Research Laboratory of Functional Material, Qingdao Technological University

"Shanghai Coatings" Editorial Department

**Organizer:** Beijing Kaiqi Times Exhibition Service Center

Beijing Huanyalian Exhibition Service Co., Ltd

**Official Website of the General Assembly:** [www.spua.net.cn](http://www.spua.net.cn)

**To be Held in the Same Period:** The 3<sup>th</sup> China (Beijing) International Spray Polyurea Summit

#### **Time and Place:**

1. Time: April 27- 29, 2011 (exhibits layout time: April 25-26, 2011)
2. Place: China World Trade Center (No.1 Jianguomenwai Avenue, Beijing)

#### **Foreword:**

Polyurea is a new environment-friendly material newly developed abroad in the past dozens of years. The excellent properties of polyurea and construction technologies such as quick spray-coating and on-spot solidification are integrated into the polyurea technology to provide unparalleled advantages in engineering application. The polyurea technology has been successfully applied in the construction of large infrastructures such as the stadiums of Beijing Olympics, Beijing-Tianjin High-speed Railway, and the Beijing-Shanghai High-speed Railway, and has won high praises from the material industry and construction industry of many countries around the world. Based on their excellent properties, polyurea materials can completely or partly replace traditional polyurethane, polyurethane/polyurea, epoxy resin, fiber glass, and heavy-duty anti-corrosion materials. In just dozens of years, they have been quickly spread to many fields such as waterproofing, corrosion

protection, wear resistance, shock resistance, and radiation protection around China and all over the world.

The “China (Beijing) International Exhibition of Both Polyurea Spray Technology and its Application & The Polyurea Summit” (shorted as “Polyurea Conferences”) has been successfully held consecutively in 2009 and 2010, which has contributed a lot to the development of the Polyurea industry in China, and gained high appraisal from all circles in China and the international society. The successful holding of the first two sessions of the conferences have created favorable conditions for us to prepare for the “2011 3<sup>th</sup> China (Beijing) International Exhibition of Both Polyurea Spray Technology and its Application”. The Polyurea Conferences provide not only a best show stage for the Polyurea industry in China, but also a forum to learn and summarize lessons and experiences. It is also an exhibition which contributes to the development of the Polyurea industry in the world.

The Beijing-Shanghai Express Railway Project with a total investment of RMB 220.94 Billion has the largest one-off investment scale since the foundation of New China, and also has the longest rail length and highest construction standard in the world. Since the commencement date of April 18th, 2008, it has been the focus of the world’s attention and also Chinese Polyurea industry’s attention. The selection of waterproofing materials for the project would definitely decide a bright future of the materials manufacturers as well as their industry. After careful investigation and demonstration, the Ministry of Railway finally decided to apply the spray polyurea elastomer technology in the Beijing-Shanghai Express Railway project for waterproofing. The document **Provisional Technical Conditions of the Spray Polyurea Waterproofing Layers for Concrete Surface Bridges in the Beijing-Shanghai Express Railway Project** (Document No.: KJJ[2009] 54) was approved by the Science and Technology Department of the Ministry of Railway, which indicated formal and final kickoff of the polyurea protection project for the roadbeds of the 1318km-long Beijing-Shanghai Express Railway. It is an application of polyurea technology in another huge project, after the successful application in the construction of Beijing Olympics gymnasiums and stadiums, and the Beijing-Tianjin Intercity Railway.

The “2011 3<sup>th</sup> China (Beijing) International Exhibition of Both Polyurea Spray Technology and its Application & The Third Polyurea Summit” will be held upon the completion of the polyurea protection project for the Beijing-Shanghai Express Railway. At that time, we all will gather in Beijing to comment this titanic polyurea application project in the world, exchange our ideas, and summarize experiences and lessons to provide guidance and reference for future polyurea projects. We hope we can take full use of this great opportunity to share our experiences and plan the future of the polyurea industry.

China has developed the polyurea technology for over ten years, and gained great achievements and created miracles in technical development, especially the application in sports stadiums and gymnasiums, high-speed railways, hydraulic projects and others. However, China has a slow development in other application fields, such as roof planting and greening, marine concrete protection, landfill, tunnels, roads and bridges, etc. To guide the industry in China to better use the polyurea technology and catch up with or even surpass the world-class level, the Waterproofing Technology Committee of the Architectural Society of China, Materials Section of China Construction Industry Association, Beijing Urban Construction Science and Technology Promotion Association, China Polyurea Technology Website, China International Center for Economic and Technical Exchanges, Beijing Huanyalian Exhibition Services Co., Ltd. and Beijing Kaiqi Times Exhibition Service Center plan to jointly hold

the “2011 3<sup>th</sup> China (Beijing) International Exhibition of Both Polyurea Spray Technology and its Application & The 3<sup>th</sup> Polyurea Summit” in the China World Trade Center from April 27th to 29th, 2011. We hope and warmly welcome companies from the polyurea industry and all related enterprises can participate in the conferences! Let’s together contribute to the bright future of the development of China Polyurea Technology!

**Exhibition scope:**

- ✧ Raw materials and auxiliary agents:
  - Aromatic isocyanate: 4’, 4-MDI, 2’, 4-MDI, liquid MDI, PAPI
  - Aliphatic isocyanate: IPDI, HMDI, HDI, TMXDI
  - Amino Terminated polyether: D-2000, T-5000, D-400, T-403, D-230
  - Asparaginic acid resin: 1220, 1420, 1521, XP-7068, XP-7161, 8825, 8230, 8430
  - Aromatic amine chain extender: E-100, E-300, TX-2, TX-3, 4200, 4100
  - Aliphatic amine chain extender: IPDA, P-650, P-1000, PC-136, J-754, Q-2100, C-1000, C-3000
  - Auxiliary materials: Adhesion promoters, foam suppressors, anti-oxidizers, ultraviolet absorbents, anti-static agents, catalysts, moderators, fire retardants, flattening agents, mould inhibitors, molecular sieve, pigment print paste, diluting agents, parting agents, high weather-resistant aliphatic finishing paint
- ✧ Spray-coating equipment: Main frame: Graco-HXP3, Gama-250H, DF-20/35, KS-150
  - Spraying guns: AP, MP, MASTER, DF-DI
- ✧ Auxiliary equipment: Automatic spray-coating trucks, thermal insulation construction trucks, refrigeration-type oil-water separators, big-barrel mixers, hydraulic ladder trucks
- ✧ Parent material processing equipment: Shot-blasting machines, rubdown machines, parent material scraping machines, power fans, high-pressure squirt guns
- ✧ Test equipment: Lab equipment, product quality inspection technology and equipment, production automation control and software, quality monitoring technology, non-destructive technology and instruments, ultrasonic thickness detection, electric spark pinhole detectors
- ✧ Scientific research: Demonstration of the excellent performance and application of polyurea under working conditions such as corrosion, stress, dry-wet alternation, freezing-thawing cycle, dynamic load, fine cracks, strong impact, and high abrasion.
- ✧ Products and applications: New products, new designs, and new applications related to high-speed railway protection, cross-sea bridge protection, tunnel (subway) waterproofing, roof vegetation and greening, abrasion protection of underground parking lots, corrosion protection of marine drilling platforms, corrosion protection of interior and exterior walls of pipes, corrosion protection of chemical storage tanks and cofferdams, disposal of nuclear waste, corrosion protection of steel piles (ships) of docks, wear-proof lining of hoppers of pick-up (heavy-duty) trucks, wear-proof lining of mining machines, corrosion protection of demineralized water tanks of power plants, protection of sewage treatment tanks (waste water ponds, gutters), wear resistance of industrial floors, finishing and waterproofing of sports grounds, fabrication of theme parks (stage properties of the video and TV industry), and fenders (light fixtures as navigation marks, buoyancy materials)

**Exposition fees:**

Domestic business: RMB 1,000 Yuan/m<sup>2</sup>

Joint venture: RMB 1,500 Yuan/m<sup>2</sup>

Exclusive foreign enterprise: 300 Dollar/m<sup>2</sup>

**Exposition counter:**

1、Standard exposition counter ( 9 m<sup>2</sup> ): one consultation desk, two campstools, one fascia board with Chinese and English description, two color lamps, one 220V power supply socket (electricity fees included) , carpeting within the whole exposition area;

2、Exposition floor (minimum rentable area of 18 m<sup>2</sup>) is with no any addition configuration as that for standard exposition counter; Apply for power supply with the fair organization committee and pay overhead expenses for floor management are required for the manufacture who needs to decorate special exposition counter.

**Advertisement fee**

Front-cover of Brochure RMB 18, 000

Back-cover of Brochure RMB 15, 000

Ticket back advertising: RMB30,000 /100,000 tickets

Inside back cover, proceedings of the exhibition: RMB 10, 000

Advertising on the invitation RMB6,000 / 1,000 pieces

the First Page RMB 10, 000

Entire color page RMB 6, 000

half color page RMB 3, 000

**Procedure for exhibition:**

1. Any enterprise in the scope of demonstrations may apply to participate in the exhibition. If your enterprise intends to take part in the exhibition, please fill out the application form, stamp it with your common seal, and fax or post it to the sponsor.

2. The pre-payment of 50% is required upon application within 7 days. Final balance of 50% is due on or before December 30th, 2009.

3. Rule for booth distribution: “Those who make application and payment first will make the booth choices first”; 10% surcharge will be collected for a booth of double openings.

4. Please fax the bank copy of remittance to the sponsor after remitting the exhibition fee.

5. Upon receiving the fees, the sponsor will post the Exhibition Manual to the enterprises taking part in the exhibition before March 15, 2011.

**Contact:**

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