Workshop on
Sprayed Concrete in Underground Structures
27-28 February 2014 at New Delhi

Objective: Technical and practical aspects on Sprayed Concrete for Underground Structures.

Programme

Thursday 27th February 2014

09.30 – 10.30 hrs: Welcome and Opening Session
10.30 – 13.00 hrs: Technical Session 1: Introduction and overview Application and Use of sprayed concrete for Ground Support and Repair/Strengthening of Underground Structures; Main methods of application – Mr. Søren Degn Eskesen, ITA President
10.30 – 11.00 hrs: Global Scenario on Sprayed Concrete and its Technology Development – Mr. Tom Melbye, President, Normet
11.30 – 12.15 hrs: Modern High Performance Sprayed Concrete - Best Practice “A Holistic Approach” - Mr. Tom Melbye, President, Normet
12.15 – 13.00 hrs: Sprayed Concrete Today and Tomorrow – Mr. Wolfgang Aldrian, BASF

Technical Session 2: Mix design and Components

14.00 – 14.45 hrs: Specificities of mix design of Wet and Dry Sprayed Concrete compared to poured concrete – Dr. Florian Krenn, Managing Director, Geoconsult
16.00 – 16.45 Hrs.: Main technical specifications on components (requirements to introduce in tender documents) – Giridhar Rajgopalan, Technical Manager, AFCONS
16.45 – 17.30 hrs: Structural and other types of Reinforcements e.g. SFRS – Mr. Navneet Narayan, Technical Manager, Bekaert Industries Limited

Friday 28th February 2014

Technical Session 3: Certification and Control

10.15 – 11.00 hrs: Organising Pre-construction Tests, Quality Control, Working Procedures – Mr. Lars Hage, Global Technical Manager – Shotcrete, BASF
11.30 – 12.15 hrs.: Specific tests for Sprayed Concrete on fresh and hardened concrete - Mr. Lars Hage, Global Technical Manager – Shotcrete, BASF
12.15 – 13.00 hrs. Fibre sprayed concrete relevant test of characterization relevant material, properties/performance class for temporary support and final lining – Mr. Benoit de Rivaz, NV Bekaert

Technical Session 4: Case histories (including Design, Scheduling and Costs Aspects) and future developments

14.00 – 14.45 hrs.: Sprayed Concrete In India- Best Demonstrated practice – Mr. Milon Mukhopadhyay, Managing Director, Normet India
16.00 – 16.45 hrs.: Independent shells to repair tunnels (all types of existing methods) – Mr. Florian Krenn, Managing Director, Geoconsult
16.45 – 17.45 hrs.: Enhancements of capacity in operated tunnels (guaranteed early strength concrete, water ingress treatments, special equipment for dust control, works interruption...) –

17.45 – 18.00 hrs.: Closing Session

11.00–11:30 hrs: Tea/Coffee break 13.00 – 14.00 hrs.: Lunch Break 15.30–16.00 hrs.: Tea/ Coffee Break