

Maha Metro, Bentley open BIM academy in Nagpur

MAHA-METRO BIM Academy, a joint collaboration of Maha Metro and Bentley Institute (Bentley) has been inaugurated at Chitnavis centre, Nagpur.

During the various sessions in the event, global technology experts like David Robertson, Director of BIM advancement academy and Dejan Papic, BIM Manager, Bentley Institute from London BIM Academy presented the best practices from other global rail projects and share their experience on use of BIM in metro projects in UK and other countries and project its application of same in Indian Metro projects.

In line with the global best practices, MAHA-METRO Rail Corporation has adopted Bentley's 5D BIM digital platform to manage the project and mitigate project challenges majorly leading to time and cost overruns. BIM being the integral part of overall 5DBIM technology, the benefits of BIM is not only available during construction, but more significantly in the operation and maintenance phase of Metro Projects. This is a pioneering approach,

one of its kinds which are happening for the first time in metro projects in India.

5D BIM implementation work for Nagpur metro project is in the final stage of completion and is planned to be operational by next month. In order to nurture and train the manpower to enable the ecosystem to extract the benefits of BIM for the metro projects, a world class facility – the BIM academy is being established under the umbrella of MAHA-METRO. This will bring together the best practices of BIM and Asset information management system. Currently the two projects Nagpur metro and Pune metro will directly benefit from this academy. However the primary purpose of this academy shall be to impart the knowledge and know-how to channel partners like DDC, GC, consultants, contractors, stake-holders, IT industries and other metro organizations in India, which will pave the way for all upcoming metros in India to adopt the state of art BIM technology.

MAHA-METRO BIM Academy will be will functional by 5th of June.

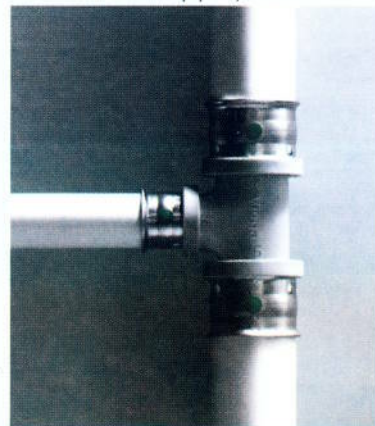
Viega Pexfit Pro Fosta pipe system that ensures reliability

Viega introduced a new pipeline system Pexfit Pro Fosta for drinking water and heating systems. It is one of the innovative installation product under composite pipe system that are as flexible as you wish and as durable as you expect them to be. Made of physically cross-linked polyethylene (PE-Xc), these pipes are temperature and pressure-resistant compared to CPVC pipes, insensitive to corrosion and incrustation. A Pexfit Pro Fosta series variant has three layers- PE-Xc internal pipe, an aluminium layer and white external coating - making the pipe form stable i.e. once bent into close radii, the pipe permanently retains this shape eliminating the need for elbow joints.

Viega's Pexfit Pro system comes with the advantage of Viega's press connection technology to ensure leakage-proof joints. Once crimped using the Viega press tool (tool calibration and bevelling are not required), these joints become permanently leak-proof. Whether made of polyphenylsulfone (PPSU) or red brass, Viega's press connectors feature the SC-Contur. SC-Contur makes unintentionally

unpressed joints easily visible during a leakage test or when the system is filled. A complete installation can be inspected centrally on the manometer as long as the components are all fitted with the SC-Contur. Only threaded connectors must be inspected individually in advance; central inspection is a huge advantage for those executing large projects

The Pexfit Pro Fosta pipes are available in 16 to 63 mm. An extensive range of Pexfit Pro connectors with press connections also allow quick and uncomplicated crossover to metal pipe systems.



JSW Steel profit leaps in Q3

JSW Steel Ltd recently announced its results for the 3Q FY 2017 and 9 month ended 31st December 2016.

JSW Steel recorded total income from operations of 15,312 crore for the quarter. The consolidated operating EBITDA for the quarter stood at 2,867 crore and EBITDA margin for the quarter stood at 20.5 per cent. The company reported net profit after tax of 730 crore for the quarter, after incorporating the financials of subsidiaries, joint ventures and associates.

Net gearing (Net Debt to Equity) at consolidated level was 2.11x at the end of the quarter (as against 2.15x at the end of 2Q FY2017), and Net Debt to EBITDA at consolidated level stood at 4.02x (as against 4.82x at the end of 2Q FY2017).

The current quarter was marked by a drag on steel demand due to liquidity issues after demonetisation that led to lower volume of production and sales sequentially. The impact on long products demand was more pronounced as activity levels in the construction and real estate sectors and retail sales slowed down considerably. In this backdrop, JSW Steel reported crude steel production of 3.86 million tonnes and saleable steel sales of 3.64 million tonne, both growing by 43 per cent year-on-year during the quarter. The company focused on enriching the product mix and increased value added and special products sales, which grew 38 per cent year on-year in 3Q FY 2017.