

LafargeHolcim a key partner in India's longest highway tunnel

LafargeHolcim has played a vital role in the construction of India's longest highway tunnel located in the country's northern state of Jammu and Kashmir. The Chenani-Nashri tunnel was inaugurated by Indian Prime Minister Narendra Modi last week and cuts travel time between the two cities of Jammu and Srinagar by two hours while eliminating safety hazards on the existing mountainous route.

LafargeHolcim's Indian company Ambuja Cement developed tailor-made logistics to ensure regular delivery of more than 300,000 tonnes of high-quality cement to the remote mountain area. Ambuja Cement's technical services teams provided complete technical support for this venture. The teams conducted cement mix design trials to achieve optimized mix proportion. Following the mix design trials, it was observed that Ambuja Cement retained its strength, despite the low temperatures in the region. The company held self-compacting concrete workshops for engineers to upgrade their knowledge and skills and also provided continuous support at the construction site to identify, diagnose and quickly resolve problems. The Group has started providing materials to the project in 2010.

LafargeHolcim has been involved in a range of other major infrastructure projects in India including major highway and railroad projects and the Z-Morh and Qazigund-Banihal tunnels that are also located in the state of Jammu and Kashmir. Other projects include metro rails in Bangalore, Chennai, Delhi, and Hyderabad and several hydro-electric power plants.

LafargeHolcim is the leading provider of building materials for tunnel constructions in the world. Last year, LafargeHolcim added a major tunnel construction projects to its portfolio of successful milestone projects: the world's longest railway tunnel, the 57-kilometer Gotthard base tunnel in Switzerland. The Group is also involved in a range of other major tunnel projects in Switzerland and other regions including metro lines in Lyon, Milan and Cairo.

About the Chenani-Nashri tunnel

The new 9 km single tube bi-directional Chenani-Nashri tunnel with a parallel intermediate lane escape tunnel of 29 cross passages, is considered one of the most challenging infrastructure projects in India in recent years. It will make road travel safer and reduce traffic disturbances caused by unpredictable land-slides, sharp bends, vehicle breakdowns and accidents on the existing mountainous route.

About LafargeHolcim in India

LafargeHolcim is one of India's leading building materials companies with two strong brands, Ambuja Cement and ACC Limited, along with an extensive network with over 100,000 dealers and retailers. The Group has a balanced footprint across India with more than 60 million tonnes of cement capacity and around CHF 3 billion in net sales in 2016. LafargeHolcim has more than 13,000 employees in India.

About LafargeHolcim

LafargeHolcim is the leading global building materials and solutions company serving masons, builders, architects and engineers all over the world. Group operations produce cement, aggregates and ready-mix concrete which are used in building projects ranging from affordable housing and small, local projects to the biggest, most technically and architecturally challenging infrastructure projects. As urbanization increasingly impacts people and the planet, the Group provides innovative products and building solutions with a clear commitment to social and environmental sustainability. With leading positions in all regions, LafargeHolcim employs around 90,000 employees in more than 80 countries and has a portfolio that is equally balanced between developing and mature markets.

More information is available on www.lafargeholcim.com
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