

STEWOLS INDIA (P)
LTD.

HIGH-
LIGHTS OF
THE
MONTH:

- **Lift Irrigation Project in Telangana worth Rs.80,000 Crore**

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SHAKTIMAN Fiberology

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Lift Irrigation Project in Telangana, a Rs.80,000 Crore



Part of the Telangana Lift Irrigation Project

Rs. 80,000 Crore Project of Lift Irrigation in Telangana

Lift Irrigation Scheme is essentially aimed at the development of drought prone, upland and backward areas of Telangana Region to provide irrigation

facilities to an extent of 45,000 Acres. **SHAKTIMAN® MSH 5030 Steel Fibers** were used for reinforcing the canal linings

This lift scheme, contemplated as a multi-purpose project. It irrigates about 45,000 acres and provides drinking water facility. About 64 villages gets benefited by this project. The state gov-

ernment plans to complete the Lift Irrigation project works in a record year's time and provide water to farmers by December 2017.

Construction of barrage with radial gates, hoisting arrangements including formation of guide bunds on either side of barrage etc, is being planned.

Project Site of Irrigation in Telangana where SHAKTIMAN® MSH 5030 Steel Fibers



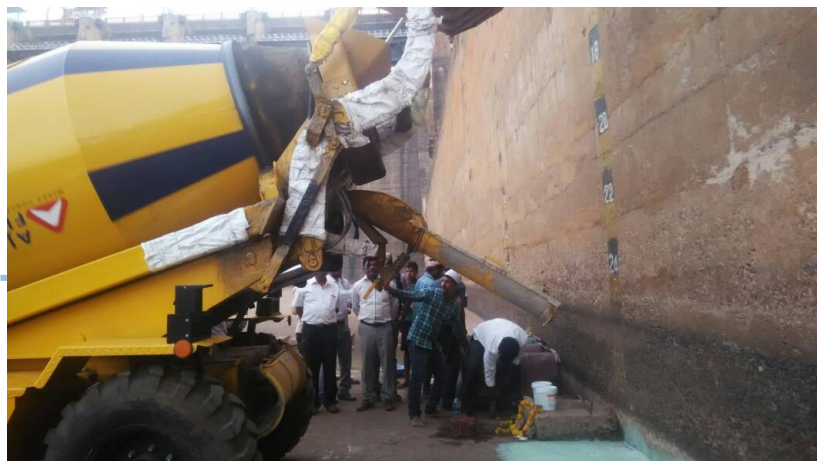
Hidkal Dam: Belgaum, Karnataka



Raja Lakhamagowda dam, also known as **Hidkal dam**, is a dam constructed across the Ghataprabha River in the Krishna River basin. It is situated at Hidkal village in Hukkeri Taluk of Belgaum District in North Karnataka, India. The dam with the height of 62.48 metres and 10 Vertical Crest Gates, impounds a large reservoir with a gross surface area of 63.38 square kilometers, and storage capacity of 51.16 TMCFT.

It is an earthen and masonry dam which caters to the irrigation needs for over 8,20,000 acres, and Hydel Power Generation. It is constructed as a part of the Ghataprabha Irrigation project which was completed in three phases and finished in 2009. The dam is named after Raja Lakhamagowda Sardesai, philanthropist and Zamindar of Vantamuri.

The restoration work of floor bed of the spillway has seen the use of **SHAKTIMAN® Steel Fibers** for reinforcement along with secondary reinforcement for additional strength. This Heavy Duty Engineering was completed using **SHAKTIMAN® MSH 10050 Steel Fibers**



Stretch of NH 44, North India



National Highway 44 (NH 44) is the longest -running major north-south National Highway in India. It starts from Srinagar and terminates in Kanyakumari; the highway passes through the states of Jammu & Kashmir, Punjab, Haryana, Delhi, Uttar Pradesh, Madhya Pradesh, Maharashtra, Telangana, Andhra Pradesh, Karnataka and Tamilnadu.

This gigantic project has used, in a particular stretch in North India, **SHAKTIMAN® Steel Fibres MSH 7035**

Route Length in States

- Uttar Pradesh: 128 km (80 mi)
- Madhya Pradesh: 504 km (313 mi)
- Maharashtra: 232 km (144 mi)
- Telangana: 504 km (313 mi)
- Andhra Pradesh: 250 km (160 mi)
- Karnataka: 125 km (78 mi)
- Tamil Nadu: 627 km (390 mi)



444 MW power project, Uttarakhand

The 444 MW Hydro Electric Project is located on the Alaknanda River, a major tributary of Ganga in the state of Uttarakhand. concreting of the 494 metre tunnel is underway, and works on the access tunnels ('adits') to the water intake channel, the desilting chamber and the head race tunnel (HRT) are in progress.

SHAKTIMAN® Steel Fibres MSH 7035 are being used in this project for shotcreting the tunnels.



The 444 MW power project will be completed in 54 months

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