

Anchor Fasteners for world's highest rail bridge # Chenab Rail Bridge at Jammu and Kashmir, India. Height - 359 m (1,178 ft)



CANCO FASTENERS
NATIONAL INFRASTRUCTURE PROJECT



WORLD'S HIGHEST RAILWAY BRIDGE - USBRL NATIONAL PROJECT

Chenab Rail Bridge

359m above river bed -- J&K, India

CLIENT: Afcons Infrastructure / Konkan Railway LOCATION: Reasi, Jammu & Kashmir SCOPE: Supply - Installation - Load Testing - Certification

359m
WORLD'S HIGHEST RAILWAY BRIDGE

CANCO FASTENERS - NATIONAL PROJECT SUPPLY

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PROJECT OVERVIEW

Mechanical Anchors for the World's Highest Rail Bridge

Canco supplied high-strength mechanical anchor fasteners for the Chenab Rail Bridge -- 359m above the river bed, 35m taller than the Eiffel Tower. Engineered for extreme altitude, Seismic Zone V and sub-zero conditions. Every anchor was installed, pull-out load tested and certified by Canco engineers on site.

PROJECT	Chenab Rail Bridge, Reasi, J&K
HEIGHT	359m above river bed
CLIENT	Afcons Infrastructure / Konkan Railway Corporation
PROGRAMME	USBRL -- Udampur-Srinagar-Baramulla Rail Link
PRODUCT	High-strength Mechanical Anchor Fasteners
SCOPE	Supply - On-Site Installation - Pull-Out Load Testing - Certification
CONDITIONS	Seismic Zone V - Extreme altitude - Sub-zero temperatures
RESULT	All anchors passed. Zero rejections. PM Modi inauguration June 2025

359m
ABOVE RIVER BED

0
REJECTIONS

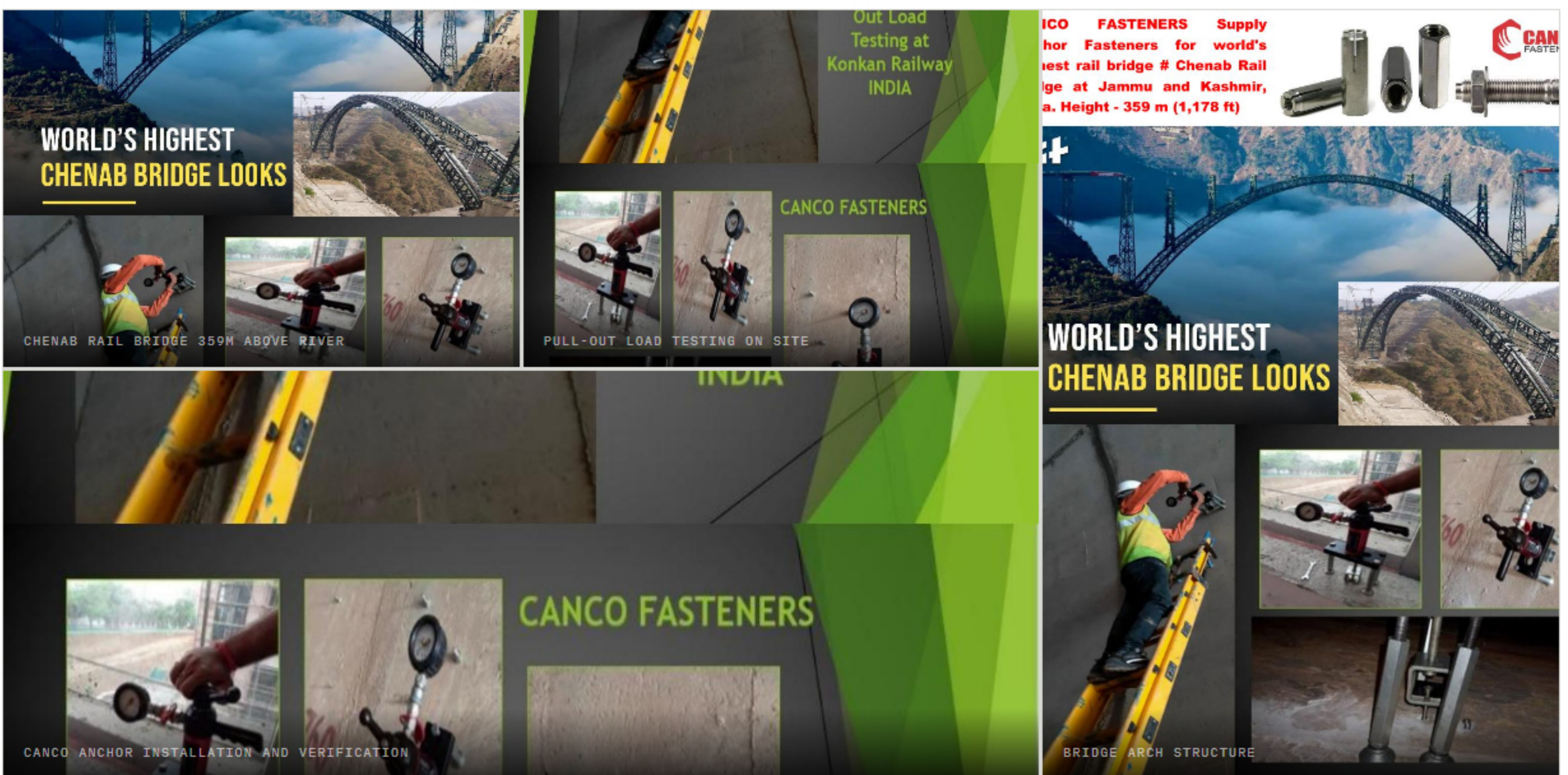
2025
PM MODI INAUGURATION

Zone V
SEISMIC RATING

SITE DOCUMENTATION

Project in Action

Photography from the field



THE SERVICE

What Made This Project Unique?

The Chenab Rail Bridge presented one of the most demanding fastener supply and installation challenges in Indian engineering history. Working at 359m above the river bed, in Seismic Zone V, at sub-zero temperatures -- every anchor had to meet strict design loads and pass on-site pull-out load tests before certification.





"When the world looks at the Chenab Rail Bridge, Canco Fasteners is in the foundation."

- Mechanical Anchor Supply**
High-strength anchors manufactured to exact specifications for seismic zone V conditions.
- On-Site Installation**
Canco engineers deployed on-site at 359m altitude for precision installation.
- Pull-Out Load Testing**
Every anchor hydraulically tested to specified design load.
- Technical Certification**
Full site certification report issued. Zero rejections.

WHERE WE WORK

Sectors & Clients

Delivered across infrastructure, industrial and public sector projects

 <p>Railway Infrastructure Konkan Railway, USBRL -- tunnel and bridge anchor supply</p>	 <p>National Projects Critical national infrastructure -- PM-inaugurated projects</p>	 <p>High-Altitude Sites Seismic Zone V, sub-zero, extreme environment supply</p>	 <p>Anchor Systems Mechanical anchors: supply, install, test, certify</p>
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GET IN TOUCH

Need Anchors for Critical Infrastructure?

Tell us your project environment, anchor specification and load requirements. Canco will advise and supply.

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DISCUSS YOUR REQUIREMENT