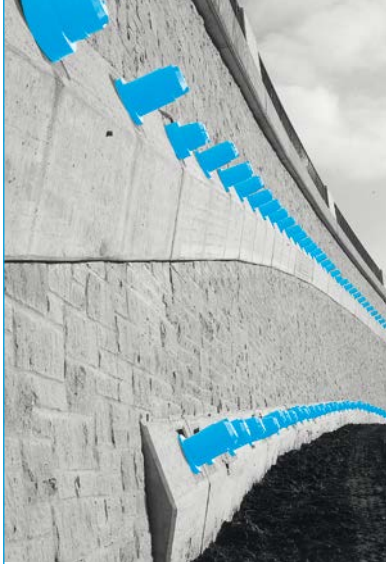


P R E S T R E S S E D  
C O N C R E T E  
T E C H N O L O G Y



Project Report

# Anchor testing Hazelmere



# Testing of 91-strand anchors at the dam

The Hazelmere dam project in South Africa with a total of 83 anchors was finalized in 2017. For testing the prestressing force Paul developed a lifting device for simultaneously lifting the anchors with up to 91

strands. The force required for this corresponds to the residual prestressing force in the anchor. The lifting device was used in confined conditions.



## Data

Place:	South Africa
Realization date:	2018
Application:	Dam
Dam length:	478 m
Dam height:	44 m
Number of anchors:	83
Paul technology used:	Lifting device for 91 strands: 16 250 kN Lifting device for 61 strands: 12 500 kN