



# CASE STUDY

APPLICATION  
CONCRETE

**Client**  
**Nahanni**  
**Construction**

A client in the construction industry faced significant challenges in pumping cement. Utilizing centrifugal pumps, they struggled to move cement with a **70% solids** content. The high viscosity and density of the cement made it nearly impossible for these pumps to operate efficiently, resulting in frequent breakdowns and costly downtime.

## SEPRO's Solution

Our engineering department, led by **Hercules Strydom**, took on the challenge of finding an effective solution. After a thorough analysis, we determined that our **peristaltic pumps MODEL C 150 6" diameter SEPRO** would be the perfect fit for this demanding application.

we collaborated closely with the client to ensure a seamless transition from centrifugal to peristaltic pumps. Our team **provided on-site support and training** to ensure their staff could operate the new equipment efficiently. The installation process was smooth, and the client was able to quickly integrate the new pumps into their existing system

## Results:

The implementation of SEPRO peristaltic pumps brought immediate improvements:  
**Increased Efficiency:** The pumps efficiently handled the high solids content of the cement, significantly reducing blockages and downtime.

**Cost Savings:** The client saw a substantial reduction in maintenance costs and an increase in operational uptime.

**Reliability:** The robust design of our peristaltic pumps ensured consistent performance, even under the most challenging conditions.

## Client Testimonial:

"Our switch to SEPRO peristaltic pumps has been a game-changer. The expertise and support from Hercules Strydom and the engineering team were exceptional. These pumps have exceeded our expectations in every way, providing us with a reliable and efficient solution for our cement pumping needs."

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