

## Water and Sanitation in the News

### Women to work the entire water value chain

The Department of Water and Sanitation is on a drive to shake up the water sector by changing the role of women in relation to water. "We want to shake the water and sanitation sector to say that women are not just those that must go and collect water from the rivers and bring water that you share with animals, said Water and Sanitation Minister Nomvula Mokonyane. "They must also be suppliers of the pipes, they must manage reservoirs and help us look after this scarce resource. It's all about making women part of the entire water and sanitation value chain," she explained. She was speaking during the National Women in Water Consultative Conference 2015, currently taking place at the CSIR International Convention Centre.

She announced that for the next three years, the department will identify two or three dams that will specifically be built by women owned companies. "Many of the dams, starting from the design, feasibility, costing and construction have been done by male-owned companies. Part of how we break away from issues of inequality is to dedicate some of the projects to women owned companies. "They will be incubating others for growth, working with others that are established and affording those who are studying in tertiary institutions an opportunity to be part of the project," Mokonyane noted.

She said one of the key things that the department will do is to allocate 30 percent of its resources to women owned companies. The Minister emphasised that the country has gone beyond policies and what has been lacking is boldness. "South Africa needs a long term water plan and we can't exclude women with bright ideas we need women in those different categories. We also want to create prosperity and wealth through women owned companies," Mokonyane concluded.

Source: [Infrastructurenews.co.za](http://Infrastructurenews.co.za), 01 September 2015

## Preventative Maintenance Principles & Guidelines: Week 4

### Compiling an asset inventory

Inspect everything on component level: **Consider for example all the different components present on a pump:**



**Inlet pipe, inlet valve, inlet pipe pressure gauge, mounting, pump, coupling, motor, outlet pipe pressure gauge, outlet pipe butterfly valve, outlet pipe...**

Preventive maintenance scheduling is not straight forward and does not depend only on a manufacturer's guidelines. Also consider **environmental and load conditions:**

- **Location** - Inside/outside?
- **Usage:** Function of use? In use? Stand by? Spare? Not in use?

What do you do if you are not 100% sure about the state and details of your equipment?

- You ask your colleagues
- You walk, climb, crawl, open manholes and **have a closer look.**



All the above inventory and asset condition information needs to be captured in an **adequate asset management system...**

Source: [Outcomes from Advanced Technical Process Controllers' Workshops 2011 & 2015](#)

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