



EXAMPLES of a pre-blasted bollard (left), a blasted bollard (centre) and a repaired bollard (right) at the Port of Portland.

Pictures: SUPPLIED

## Underwater repair work on piles below the port's K.S. Anderson wharf

THE Port of Portland has undertaken pile repair work on the two K.S. Anderson berths. A port spokesperson said that every five years the port completes a comprehensive assessment of all. "As part of the last assessment of the K.S. Anderson berths, delamination of some of the reinforced concrete piles was identified," the spokesperson said.

"This delamination has occurred due to corrosion of steel reinforcement within the concrete pile." The spokesperson said delamination was when salt water impacted on the concrete structure, causing rust and a breaking of concrete from the outside. The repairs include removing damaged concrete by high pressure water blasting; repairing damaged reinforcement; painting of damaged reinforcement

with zinc rich primer to protect steel from further corrosion; placement of high strength carbon fibre reinforcement mesh around the repair and completing the repair by using high strength epoxy grout. "Once the grout has set, the temporary formwork is removed resulting in a pile repair that is significantly stronger than the original pile," the spokesperson

said. The work is being done by Portland company Professional Diving Services. "There are 900 piles at the two berths, 25 to 30 of the worst have been repaired and from now onwards, it will be maintenance work." The spokesperson said shipping movements are not affected.

# MEMENTOS

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## Recognising excellence in the manufacturing sector

### GERRI TORPY

BUSINESSES and individuals who are at the forefront of the Victorian manufacturing industry are encouraged to nominate for this year's Manufacturing Hall of Fame Awards.

The theme for this year's awards is Advancing Victorian Manufacturing to highlight the outstanding success of Victorian companies for manufacturing in transport, defence and construction technologies; medical technology and pharmaceuticals; new energy technologies; and food and fibre.

There are categories for Young Manufacturer of the Year, Manufacturer of the Year, Leader in Workforce Skills Development and Company

Induction.

This year's awards will also feature a new category for women, the Woman Manufacturer of the Year award to recognise women who display excellence in this traditionally male dominated industry.

Worth \$27.7 billion to the Victorian economy, the manufacturing sector sees 286,000 Victorians employed in more than 13,000 businesses.

To nominate for the 2018 awards visit the Business Victoria website [business.vic.gov.au/halloffame](http://business.vic.gov.au/halloffame).

Nominations close on March 7 and winners will be announced at a Gala dinner in May.

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