



# POSITION DESCRIPTION

<b>Position Title:</b>	<b>Coatings Scientist</b>
<b>Position Reference Number:</b>	ECRMD002
<b>Division</b>	Maritime Division
<b>Position Classification:</b>	S&T3-4
<b>Position Location:</b>	Fishermans Bend (Vic)
<b>Security Level:</b>	NV1
<b>Minimum Academic Qualification:</b>	Bachelor
<b>Enquiries:</b>	<a href="mailto:stefan.danek@dst.defence.gov.au">stefan.danek@dst.defence.gov.au</a>

## Academic Disciplines

<input type="checkbox"/> Aerospace/ Aeronautical Engineering, Naval Architecture	<input checked="" type="checkbox"/> Chemical, Radiological, Biological, Food sciences	<input checked="" type="checkbox"/> Materials Science
<input type="checkbox"/> Computer Sciences, IT, Software Engineering, Telecommunications	<input type="checkbox"/> Mathematics and physics	<input type="checkbox"/> Psychology and Social Sciences
<input type="checkbox"/> Mechanical and Mechatronic Engineering (including robotics)	<input type="checkbox"/> Electronic/ Electrical Engineering	<input type="checkbox"/> Other

## Position Overview

The Coatings Scientist will work as part of a small team to develop high-performance coatings for the protection of Defence assets and evaluate commercially available coatings for their suitability for use in Defence applications and in Australia's harsh environment.

## Position Duties

Under guidance, the Coatings Scientist will:

1. Plan and undertake laboratory testing of in-house or commercial coatings for the protection of aircraft, ships and army vehicles.
2. Assist in the formulation of two-pack coatings with novel Defence properties.
3. Assist in the transition of coatings into the field through the careful planning and execution of trials.
4. Provide timely verbal and written reports for clients and DST leadership on relevant research areas.
5. Manage the coatings laboratories, including the maintenance of laboratory equipment.

## Other Requirements

Interstate travel may be required to attend and present at conferences and to participate in in-service trials of coatings, undertake coatings inspections in the field, or to attend corporate training programs.

The Coatings Scientist will be required to undertake working at heights and confined space training and be able to undertake inspections in confined areas such as ship ballast tanks.