

## Sprayed Sealing Workshop

### Aim:

The workshop aims to:

- inform practitioners:
  - of the changes to the departmental MRS/MRTS11 *Sprayed Bituminous Treatments* specification suite
  - explain how these changes will impact on the selection, design, contract documentation (including Annexure MRTS11.1), tender evaluation and construction of sprayed bituminous treatments on departmental projects
- explain the content of the departmental technical note for the *Selection and Design of Sprayed Bituminous Treatments* (Technical Note 175) and how it will apply to departmental projects.

### What it is and who should attend:

An information session targeted at those who, for departmental projects:

- select or design sprayed bituminous treatments
- prepare contract documents for projects that include sprayed bituminous treatments
- evaluate tenders for projects that include sprayed bituminous treatments
- administer contracts that include sprayed bituminous treatments.

### What it is not

General training for seal selection or design, tender evaluation or contract administration.

Prerequisites training/experience:

No prerequisites. However prior experience with sprayed bituminous treatments and/or completion of the AAPA *Sprayed Sealing Selection and Design* course will be of benefit.

What attendees should bring

A pen, calculator, paper and a current copy of:

- the departmental MRS/MRTS11 *Sprayed Bituminous Treatments* specification suite (i.e. MRS11, MRTS11, Annexure MRTS11.1)
- the departmental MRTS18 *Polymer Modified Binder (including Crumb Rubber)* specification
- Technical Note 175 (TN175) *Selection and Design of Sprayed Bituminous Treatments*.

## Agenda

Subject	Times	Presenter	Content
Registration / sign in	8:30 am to 8:40 am	-	-
Welcome	8:40 am to 8:55 am	District Representative (or Jason Jones, Principal Engineer (Asphalt & Surfacing), E&T, or Peter Jamandijevic, Senior Engineer (Road Surfacing), E&T)	Overview/agenda for the day
Sealing in cold weather	8:55 am to 9:25 am	Peter Jamandijevic, Senior Engineer (Road Surfacing), E&T)	Generally, seals and reseals should be programmed and constructed in favourable conditions (i.e. warm and dry conditions).  This presentation outlines key risks if a decision is taken to seal in cold weather.
NACoE crumb rubber modified binder research	9:25 am to 9:55 am	ARRB Representative or Peter Jamandijevic, Senior Engineer (Road Surfacing), E&T)	To describe: <ul style="list-style-type: none"> <li>• the context for used tyres and recycling of them</li> <li>• the NACoE research into the use of recycled tyres (through the use for crumb rubber modified binders) in seals and asphalt (open graded and gap graded asphalt), including the learnings and outcomes from it to date.</li> </ul>

Subject	Times	Presenter	Content
Update to MRTS11	9:55 am to 10:55 am	Peter Jamandijevic, Senior Engineer (Road Surfacing), E&T	<p>Crumb Rubber Modified (CRM) binders:</p> <ul style="list-style-type: none"> <li>• Why facilitate the increased use of CRM binders?</li> <li>• What are the benefits of CRM binders?</li> <li>• What should be considered when using CRM binder?</li> </ul> <p>Changes to MRTS11, including:</p> <ul style="list-style-type: none"> <li>• alignment of TMR's specification with Austroads documents</li> <li>• facilitating the increased use of CRM binders on departmental projects.</li> </ul>
Break	10:55 am to 11:10 am	-	-
Use of equivalent alternative binders classes in sprayed bituminous treatments	11:10 am to 11:55 am	Xing Wei, Engineer (Pavements & Materials Development), E&T	How proposals to use alternative binder classes should be assessed by the Principal/Administrator.

<b>Subject</b>	<b>Times</b>	<b>Presenter</b>	<b>Content</b>
Update to MRS11	11:55 am to 12:15 pm	Xing Wei, Engineer (Pavements & Materials Development), E&T	Changes to MRS11, including: <ul style="list-style-type: none"> <li>• changes to work items</li> <li>• reduced level of service provisions.</li> </ul>
Contract documentation for sprayed bituminous treatments	12:15 pm to 12:50 pm	Xing Wei, Engineer (Pavements & Materials Development), E&T	How to fill out Annexure MRTS11.1. How to schedule work items. Information to be included on project drawings.
Discussion / feedback	12:50 pm to 1:10 pm	Peter Jamandijevic, Senior Engineer (Road Surfacing), E&T	Discussion and feedback about what's been presented to date.
Lunch	1:10 pm to 1:40 pm	-	-
Technical Note 175 – <i>Selection and Design of Sprayed Bituminous Treatments</i>	1:40 pm to 2:40 pm	Peter Jamandijevic, Senior Engineer (Road Surfacing), E&T	Explain the content of Technical Note 175 (TN175) and how it applies to seal design on departmental projects.
Discussion / feedback	2:40 pm to 3:05 pm	Peter Jamandijevic, Senior Engineer (Road Surfacing), E&T	Discussion and feedback about TN175. General discussion.

<b>Subject</b>	<b>Times</b>	<b>Presenter</b>	<b>Content</b>
Close and thanks	3:05 pm to 3:10 pm	Jason Jones, Principal Engineer (Asphalt & Surfacing), E&T, or Peter Jamandijevic, Senior Engineer (Road Surfacing), E&T	-