

Queensland Government  
AUSTRALIAN ASPHALT PAVEMENT ASSOCIATION

**Awareness Sessions**  
New Queensland Harmonised Asphalt Specification  
**Warranty - Mix Design - Roles**

**What's new and changed**

- Warranty on functional properties for 24 months
- Extended surface deformation performance period to 12 months
- Prequalification of asphalt surfacing and asphalt paving contractors
- Asphalt mix design – responsibilities – acceptance based on production
- Changes in roles – contractor increased responsibility, administrator greater flexibility
- Timeline for the change

www.aapa.asn.au

**What's new?**

Major overhaul of Heavy Duty Dense Graded Asphalt specification

MRTS31A and MRS31A now PSTS31 and PSS31

New material supply specifications:

- PSTS108 Aggregates for Asphalt
- PSTS109 Reclaimed Asphalt Pavement Material
- PSTS110 Fillers for Asphalt

www.aapa.asn.au

**What's new?**

- Fundamental change in philosophy
- Greater control by contractor
- Greater responsibility on contractor

Not quite a Giant Leap for Mankind

But close

www.aapa.asn.au

**Impetus for Change**

Queensland still \$7.7bn

Six groups of initiatives to reduce costs

Massive shift in the provision of asphalt in Queensland

www.aapa.asn.au

**MRTS31 Then and Now**

MRTS31- 2011	→	Translation
▪ Quality control		▪ Client will find where quality is missing
▪ Prescriptive		▪ Client will say how to do it
▪ TMR mix design		▪ Client will take responsibility for performance
▪ 3 month defects liability		

www.aapa.asn.au

### MRTS31 Then and Now

**PSTS31 – 2014**

- Quality management
- Contractor mix design
- Contractor quality plan
- Production based
- Extended defects liability
  - 12 months on surface finish
  - 24 months on shape loss
- New material supply specifications

**Translation**

- Contractor will use knowledge of plant and materials to determine mix design
- Contractor will plan for long term quality
- Shared responsibility for performance
- Co-operative

www.aapa.asn.au

### What's new

**Warm mix asphalt**

- Wax based
- Surfactants
- Water, i.e. zeolite and foaming
- Higher percentage of RAP
- Level 1, Level 2 and Level 3

www.aapa.asn.au

### TMR Slides – Warranty → Timeline

www.aapa.asn.au

www.aapa.asn.au

### Awareness Sessions: New Queensland Harmonised Asphalt Specification

- Harmonised with New South Wales heavy duty specification
- Spans Queensland MRTS30 and MRTS31 Dense Graded & Heavy Duty Asphalt
- Will cover the majority of asphalt used by TMR and Local Government
- Awareness on:
  - Changed framework for asphalt mix design, manufacture, construction and performance
  - Changed relationships required in contract
  - Technical and testing changes
  - Prequalification, warranty & performance period

**Session Dates**  
Queensland, a session is coming to a location near you in August and September.

**CAIRNS** Monday 25 August  
**TOWNSVILLE** Tuesday 26 August  
**MACKAY** Wednesday 27 August  
**BUNDABERG** Thursday 28 August  
**ROCKHAMPTON** Friday 29 August  
**BRISBANE** Wednesday 3 September  
**NERANG** Tuesday 18 September  
**BRISBANE** Wednesday 17 September  
**TOOWOOMBA** Thursday 18 September  
**MAROOCHYDORE** Tuesday 23 September

www.aapa.asn.au

### Program for the day

Time	Presenter	Topic	
10:00 → 10:30	Regional/District Director	<b>REGISTRATION</b> Welcome	1
	Peter Evans	Harmonisation	2
	AAPA GM / Mike Pickering	Advantages – why change?	3
	AAPA Ops / Mike Pickering	Warranty, Proposed Prequalification system, Mix design registration, TMR Role, Production based	4
	AAPA	Feedback on management issues	5
12:30 → 1:00	<b>LUNCH</b>		
	Jason Jones / AAPA Tech Committee	Introducing the new specification: • Roles and responsibilities (E&T, Regions and Industry) (30 minutes) • Key changes (30 minutes)	6
	AAPA Ops / Mike Pickering	Implementation and demonstration projects	7
	Discussion & Feedback Panel	AAPA GM, AAPA Ops, AAPA Tech Peter Evans, Mike Pickering, Jason Jones	8
→ 3:00	Peter Evans	Close	9

www.aapa.asn.au