

Update on SAPEM

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Road Pavements Forum

10 May 2011



SAPEM's Aim

- **Best practice guide**
 - For selection of most appropriate standards and specs
- **Unified guideline**
 - Catering for all. Pitched at National level with caveats for others
- **Education and training:**
 - Tertiary level training of engineers, technologists, technicians
- **Updated reference**
 - For all TRH's, TMH's, Sabita and C&CI documents
- **One stop shop**
 - For anything related to pavement engineering
 - Explanation of relevant concepts

SAPEM Structure

	Title	Pages	App.
1	Introduction	12	
2	Pavement Composition and Behaviour	42	
3	Standards	55	21
4	Test Protocols	75	2
8	Laboratory Management	25	10
5	Road Prism and Pavement Investigations	75	21
6	Geotechnical Investigations and Design Considerations	67	29
7	Material Sources	39	
9	Materials Utilisation and Design	117	
10	Pavement Design	92	11
11	Documentation and Tendering	16	
12	Construction Equipment and Guidelines	120	
13	Acceptance Control	100?	
14	Post-Construction	22	



Harrismith ↑

Tshiame
Industriqwa →

← Breëdal

↑ R57 Reitz

↑ R57 Phuthaditjaba

N5 He
N5 Bethl
←

Progress

Chapter	1	2	3	4	8	5	6	7	9	10	11	12	13	14
Author Draft 1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
Edit & Standardise	✗	✓	✓	✓	✓	✓	✓	✓	✓	1/2	✓	✗	✗	1/2
Author Draft 2	✗	✓	✓	✓	✗	✗	✓	✓	✗	✗	✗	✗	✗	✗
Finalized	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗

Dates

- **Expecting Chapter 12**
 - **Anyday!**
- **Complete first edit and standardise**
 - **July 2011**
- **Authors second draft**
 - **September 2011**
 - **Upload to web**
 - **Late October**
- **Roadshows in Gauteng and Western Cape**
 - **Late October**