

MINUTES OF MEETING

REVISION OF COTO STANDARD SPECIFICATIONS

Working Group meeting: Group D – Series 6000 Structures

Held at SANRAL Western Region on Tuesday, 10 June 2014 - 08:30 to 15:30

Present:

Edwin Kruger (EK) – SANRAL (*Chair*)
Tiago Massingue (TM) – SANRAL
Elma Lourens (EL) – SANRAL
Kobus van der Walt (KvW) – SANRAL (partial)
Ravi Ronny (RR) – SANRAL
Tia du Plessis (TdP) – SANRAL (*Minutes*)
William Martin (WM) – SMEC
Abe Newmark (AN) – Aecom
Harry Viljoen (HV) – WCG Transport
Peter Fenton (PF) – Ethekwini Municipality
Louis Melis (LM) – Melis & Du Plessis
John Ross (JR) – Department Roads & Public Works Eastern Cape

Apologies:

Rabele Matsoso; Dave Temple; Johan van Wyk

	ITEM	
1.	WELCOME & ATTENDANCE REGISTER	
	<ul style="list-style-type: none">EK welcomed everyone present to the second Working Group Meeting held to discuss the way forward for the revision of the COLTO Standard Specifications document.The Attendance Register was circulated and will be scanned and included in the minutes.	
2.	APOLOGIES	
	<ul style="list-style-type: none">Apologies have been noted as above	
3.	CORRECTIONS TO PREVIOUS MINUTES	
	<ul style="list-style-type: none">5.7 a. reference to JVCC – should be corrected to JBCCPrevious minutes accepted and approved by all	

	available to the industry.	
5.2	Proprietary products <ul style="list-style-type: none"> • EK & KvW – must steer away from proprietary products and refer to generic products or terms where possible. • EK advised that as per Supply Chain Management Policy preference cannot be given to proprietary products. • General feeling from group is that it is difficult not to specify certain products that are unique to the industry. AN – to exclude ‘rogue’ products it is safer to specify a product. 	
5.3	Meetings	
	<ul style="list-style-type: none"> • Next Working Group co-ordinator’s meeting will be held on 22 July 2014. EK will communicate any outcomes to Structures Working Group. 	EK
5.4	Payment Claims – External Consultants	
	<ul style="list-style-type: none"> • AN (AECOM), WM (SMEC) and DT (SNA) appointed as consultants. • Standard payment claim form that has to be used. TdP to circulate to consultants. • Fee claim to be sent to Margaret Mofokeng, the Financial Manager at SANRAL Western Region, 1 Havenga Street, Oakdale, 7530. • A copy of the invoice to be sent to EK who must check that the claim is correct. • The cost centre reference number to use for the project and on the fee claim is ‘Cost Centre 1002, GL Account 58600: Adhoc Research’. • Formal Agreements to be put in place with consultants. KvW will forward necessary documentation. Agreement will be with firm listing consultant name involved in revision or with individual in case of private consultant or retiree. • EK advised that Agreements must be signed before payment claims can be made. 	TdP AN, WM, DT KvW / TdP
5.5	Format of Sections	
	<ul style="list-style-type: none"> • The format of sections will be discussed at next co-ordinators meeting. EK to provide feedback. 	EK
5.6	Series 1000 <ul style="list-style-type: none"> • All working groups have been assigned to review Series 1000 - General. • EK - committee consisting of one member of each working group should be formed to specifically deal with this series. • The revision of this Series and way forward will be discussed at co-ordinator’s meeting. • KvW advised that input for Series 1000 can be sent to him in the meantime. KvW requests that information is combined per working group and sent through instead of in numerous different batches. • EK requested Series 1000 inputs to be sent through to him and he will send on to KvW. • EK - Dave Temple and Gerrit Els have the contractual experience and should be part of Series 1000 review. KvW requests that Dave Temple give feedback through to him. 	

6.	Series 6000	
6.1	General	
	<ul style="list-style-type: none"> • Big culverts to be included in Structures. Lesser culverts into Series 2000. AN-might use elements from 2000 but not totally relevant to 6000 Structures. Precast culverts or pipes bigger or equal to 2m in span or diameter to be covered in Series 6000. RR to look at typical drawings to determine correct size. • Series 12000 Rehabilitation of Structures to be kept as separate series. Take out proprietary products – will be handled at next meeting. • EL requested that cold premix on bridge decks instead of hot mix be looked into. EL to discuss with Dennis Rossmann – Series 4000. Determine specification for cold premix. HV to send details. • EK – remember that new systems must be included and old information replaced wherever applicable. • Series 8000 Testing of concrete – EK requested AN to look at this 	RR EL HV AN
6.2	6100 Foundations for structures	AN
	<ul style="list-style-type: none"> • AN to review this section 	
	6102 Materials: <ul style="list-style-type: none"> • Stripping of piles – geotechnical • The following items move to geotechnical section: • f) Structural steel • g) Permanent pile casings • h) Drive pile casings • i) Grouting 	
	6103 General: <ul style="list-style-type: none"> • a) Subsurface data – duplicate in geotechnical section and remains in 6000 	
	6110 Grouting of rock fissures: <ul style="list-style-type: none"> • Move to Geotechnical Works • Reference to 'proprietary brand' must be reworded 	
	6111 Foundation dowels: <ul style="list-style-type: none"> • '20l of water' must change – stays in Foundations 	
	6112 Foundation lining: <ul style="list-style-type: none"> • Stays in Foundations 	
	6113 Foundation piling: <ul style="list-style-type: none"> • Move to Geotechnical Works • WM – Approval of alternative pile designs – process must be clear. • EK – it must be made clear that guarantee is not 1-year guarantee but 25 years for structures. EK asked LM to pay special attention to guarantees information and ensure correctness in terms of piling and alternative design. 	LM
6.3	6200 Falsework, Formwork and Concrete Finish	DT
	<ul style="list-style-type: none"> • EK – Temporary works must be signed off by Professional Engineer. AN advised that there is clause in SANRAL's pro forma document that can be used. • WM – in terms of OHS – safe for use – must be signed off beforehand. • EK – 'curing' to be added. This to be a measured item which ensures that it is done. • Dave Temple to review this section. 	

6.4	6300 Steel reinforcement for Structures	AN
	<ul style="list-style-type: none"> • Durability Cover Table must come out • AN to review this section 	
6.5	6400 Concrete for Structures	AN
	<ul style="list-style-type: none"> • Stays in 6000 • AN to review this section • Concrete for Piles to Geotechnical Works – cross reference where necessary. • Durability of concrete must go into 6000. 	
6.6	6500 Prestressing	WM / DT
	<ul style="list-style-type: none"> • New section on Precast Works – Dave Temple to work on structural elements. • Reinforcing and prestressing to be reviewed by WM. 	
6.7	6600 No-fines concrete, joints, bearings, bolt groups for electrification, parapets and drainage for Structures	DT
	<ul style="list-style-type: none"> • Dave Temple to review this section 	
6.8	6700 Structural Steelwork	WM
	<ul style="list-style-type: none"> • WM to review this section • EK – this section requires total rewrite – look at Aurecon information. 	
6.9	6800 Construction tolerances for Structures	DT
	This section will be dealt by Dave Temple as part of formwork? To be confirmed at next meeting.	
7.	GENERAL	
	<ul style="list-style-type: none"> • EK requested consultants to give through estimate hours and budget forecast by end June 2014. • LM to give scope of geotechnical work through to EK. • EK requested feedback from consultants on all sections they are responsible for by end June 2014 for discussion at the co-ordinator's meeting. • EK requested everyone to refer to previous minutes and see where changes affect Series 6000 and sections were highlighted for incorporation into 6000 and take into account when reviewing. • Consultants will circulate information amongst themselves for review and then to all working group members one week before next meeting in September 2014. • EK requested that information is circulated internally for now and that is not shared outside the group. The document will be circulated once it is ready for review. • Series 12000 was to stand over to next meeting 	AN, DT, WM LM AN, DT, WM
8.	NEXT MEETING	
	Tuesday, 9 September 2014 to be held at SANRAL Western Region at 08h30 to 15:30	










ATTENDANCE REGISTER

Meeting: COTO WORKING GROUP MEETING: REVISION OF EXISTING COLTO STANDARD SPECIFICATIONS - Group D: Series 1000 and 6000

Date: 10 JUNE 2014

Venue: SANRAL WESTERN REGION, 1 HAVENGA STREET, OAKDALE

Present:

NAME	ORGANISATION	TEL. NO.	E-MAIL	SIGNATURE
EDWIN KRUGER	SANRAL	083 283 6096 012-8448038	KrugerE@nra.co.za	
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LOUIS MELIS	MELIS & DU PLESSIS	082 900 5976 021 857 2010	LOUIS@MELISDP.COM	
William Martin	SMEC	083-3574430	William.martin@smec.com	
Pieter Blassingoue	SANRAL	083 417 2396 029 957 4600	massinguel@nra.co.za	
John Robb	A R & PW	082 457 8789 046 602 1111	John.rossed@wrc.co.za	
Ravi Ramnani	SANRAL	083 283 6064	ramnani@nra.co.za	



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Present:

NAME	ORGANISATION	TEL. NO.	E-MAIL	SIGNATURE
Shua L	SANRAL	021 957 4600	lourense@nra.co.za	<i>[Signature]</i>
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