L CabLab		Test Summary Partial Test		
Reference No.: CLQ-18121-R2	Report No: CLTR20102R1	Date: 2020-07-29		

Client: Flexxca	b	Ratings:	0.6/1kV			Items: 1c x 120, 185, 240, 300, 400 SQ MM Cables.
Materials: refe Project Applica	-					Applied Standard: AS/NZS 5000.1:2005
			1C X 120 SQ N	ΛM		
Materials & Tests	Reference Standard	Clause	Requirements	Observed	Verdict	Comment
Insulation:						EPR has been used as an insulation material and tested according to AS/NZS 5000.1:2005.
Insulation Thickness Measurement	AS/NZS 1660.2.1:1998	Clause 2.1.1	Required Nominal Thickness(t _i): 1.6mm	1.9mm	Ρ	As per standards AS/NZS 5000.1:2005, AS/NZS 1660.2.1:1998 the insulation nominal thickness has been measured and the minimum thickness has
			Required Minimum Thickness: 1.34mm	1.46mm	Р	been measured and calculated.
Oversheath:			<u> </u>	1		GP-CPE-90 has been used as an oversheath material and tested according to AS/NZS 5000.1:2005
Oversheath Thickness Measurement	AS/NZS 1660.2.1:1998	Clause 2.1.2	Required Nominal Thickness(t _s): 1.5mm	2.4mm	Р	As per standards AS/NZS 5000.1:2005, AS/NZS 1660.2.1:1998 both the oversheath nominal thickness and the minimum thickness has
			Required Minimum Thickness: 1.21mm	2.20mm	Р	been measured and calculated.

L CabLab

Reference No.: CLQ-18121-R2

Date: 2020-07-29

	1C X 185 SQ MM					
Materials & Tests	Reference Standard	Clause	Requirements	Observed	Verdict	Comment
Insulation:			1	1	L	EPR has been used as an insulation material and tested according to AS/NZS 5000.1:2005.
Insulation Thickness Measurement	AS/NZS 1660.2.1:1998	Clause 2.1.1	Required Nominal Thickness(t _i): 2.0mm Required Minimum Thickness: 1.70mm	2.7mm 1.86mm	P	As per standards AS/NZS 5000.1:2005, AS/NZS 1660.2.1:1998 the insulation nominal thickness has been measured and the minimum thickness has been measured and calculated.
Oversheath:						GP-CPE-90 has been used as an oversheath material and tested according to AS/NZS 5000.1:2005
Oversheath Thickness Measurement	AS/NZS 1660.2.1:1998	Clause 2.1.2	Required Nominal Thickness(t _s): 1.7mm	2.9mm	Ρ	As per standards AS/NZS 5000.1:2005, AS/NZS 1660.2.1:1998 both the oversheath nominal thickness and the minimum thickness has
			Required Minimum Thickness: 1.32mm	2.75mm	Р	been measured and calculated.

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Reference No.: CLQ-18121-R2

Date: 2020-07-29

			1C X 240 SQ N	ИМ		
Materials & Tests	Reference Standard	Clause	Requirements	Observed	Verdict	Comment
Insulation:			1	1		EPR has been used as an insulation material and tested according to AS/NZS 5000.1:2005.
Insulation Thickness Measurement	AS/NZS 1660.2.1:1998	Clause 2.1.1	Required Nominal Thickness(t _i): 2.2mm Required Minimum Thickness: 1.88mm	2.7mm 2.38mm	P	As per standards AS/NZS 5000.1:2005, AS/NZS 1660.2.1:1998 the insulation nominal thickness has been measured and the minimum thickness has been measured and calculated.
Oversheath:			1	1		GP-CPE-90 has been used as an oversheath material and tested according to AS/NZS 5000.1:2005
Oversheath Thickness Measurement	AS/NZS 1660.2.1:1998	Clause 2.1.2	Required Nominal Thickness(t _s): 1.8mm	2.2mm	Р	As per standards AS/NZS 5000.1:2005, AS/NZS 1660.2.1:1998 both the oversheath nominal thickness and the minimum thickness has
			Required Minimum Thickness: 1.40mm	1.99mm	Р	been measured and calculated.

🕒 CabLab	Test Summary Partial Test

Reference No.:	CLQ-18121-R2
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Date: 2020-07-29

	1C X 300 SQ MM					
Materials & Tests	Reference Standard	Clause	Requirements	Observed	Verdict	Comment
Insulation:				1		EPR has been used as an insulation material and tested according to AS/NZS 5000.1:2005.
Insulation Thickness Measurement	AS/NZS 1660.2.1:1998	Clause 2.1.1	Required Nominal Thickness(t _i): 2.4mm Required Minimum Thickness: 2.06mm	2.7mm 2.42mm	P	As per standards AS/NZS 5000.1:2005, AS/NZS 1660.2.1:1998 the insulation nominal thickness has been measured and the minimum thickness has been measured and calculated.
Oversheath:		<u> </u>				GP-CPE-90 has been used as an oversheath material and tested according to AS/NZS 5000.1:2005
Oversheath Thickness Measurement	AS/NZS 1660.2.1:1998	Clause 2.1.2	Required Nominal Thickness(t _s): 1.9mm	2.9mm	Р	As per standards AS/NZS 5000.1:2005, AS/NZS 1660.2.1:1998 both the oversheath nominal thickness and the minimum thickness has been
			Required Minimum Thickness: 1.47mm	2.74mm	Р	measured and calculated.

🕒 CabLab		Test Summary Partial Test
Reference No.: CLQ-18121-R2	Report No: CLTR20102R1	Date: 2020-07-29

		1	LC X 400 SQ MM (one end)		
Materials & Tests	Reference Standard	Clause	Requirements	Observed	Verdict	Comment
Insulation:					1	EPR has been used as an insulation material and tested according to AS/NZS 5000.1:2005.
Insulation Thickness Measurement	AS/NZS 1660.2.1:1998	Clause 2.1.1	Required Nominal Thickness(t _i): 2.6mm Required	2.8mm	Р	As per standards AS/NZS 5000.1:2005, AS/NZS 1660.2.1:1998 the insulation nominal thickness has been measured and the minimum thickness has been measured and calculated.
			Minimum Thickness: 2.24mm	2.30mm	Р	
Oversheath:		I				GP-CPE-90 has been used as an oversheath material and tested according to AS/NZS 5000.1:2005
Oversheath Thickness Measurement	AS/NZS 1660.2.1:1998	Clause 2.1.2	Required Nominal Thickness(t _s): 2.0mm	2.8mm	Р	As per standards AS/NZS 5000.1:2005, AS/NZS 1660.2.1:1998 both the oversheath nominal thickness and the minimum thickness has been
			Required Minimum Thickness: 1.58mm	2.44mm	Р	measured and calculated.

CabLab

Reference No.: CLQ-18121-R2

Report No: CLTR20102R1

Date: 2020-07-29

1C X 400 SQ MM (another end)						
Materials & Tests	Reference Standard	Clause	Requirements	Observed	Verdict	Comment
Insulation:						EPR has been used as an insulation material and tested according to AS/NZS 5000.1:2005.
Insulation Thickness Measurement	AS/NZS 1660.2.1:1998	Clause 2.1.1	Required Nominal Thickness(t _i): 2.6mm	2.9mm	Ρ	As per standards AS/NZS 5000.1:2005, AS/NZS 1660.2.1:1998 the insulation nominal thickness has been measured and the minimum thickness has been measured and calculated.
			Required Minimum Thickness: 2.24mm	2.37mm	Р	
Oversheath:						GP-CPE-90 has been used as an oversheath material and tested according to AS/NZS 5000.1:2005
Oversheath Thickness Measurement	AS/NZS 1660.2.1:1998	Clause 2.1.2	Required Nominal Thickness(t _s): 2.0mm	2.9mm	Р	As per standards AS/NZS 5000.1:2005, AS/NZS 1660.2.1:1998 both the oversheath nominal thickness and the minimum thickness has been measured and calculated.
			Required Minimum Thickness: 1.58mm	2.49mm	Р	

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