				SPECTION FORM				Page 1 of 3		
	Winnipeg	MULTI-STEP	CAPACIT	OR BANK	ID:					
Project	Facility:			Project Name:						
Pro	Area :			Bid Opportunity:						
is	Location:			Switchgear	/MCC:			Cell #:		
k Dat	Manufacture	er:		Model:			Serial #:			
r Ban	Total Size:	VAR	Smallest Step Size:		VAR	Rated Volt	age:			
Capacitor Bank Data	# of Steps:		Stage Ratios:			Interrupting	g Rating:			
Сар	Configuration	on: Delta 🗆	Wye-Ungrounded	☐ Wye-Gro	ounded					
<u> </u>	11	T 1			\ <i>i</i> '					
_		on Tag Installed:	☐ Yes	□ No		ns of Overhe		☐ Yes	□ No	
aning	Cleanliness (As Found): Good Accept				Electro/Mo			ood		
/ Cle	Connection		☐ Good ☐ Accepta		Interlock:	onamoai		ood		
ction	Ground Co	onnection:	☐ Good ☐ Accepta	able Poor Contactor Condition: G			ood	☐ Poor		
nspe	Door Mechanical: Good Accept						□ G	ood	☐ Poor	
Visual Inspection / Cleaning	Cables Su	pported Appropriate	y: [☐ Yes ☐ No Exercise Circuit Breaker(s)/Disconnect:				t:	☐ Yes	
Şİ	Unit Cleaned:			☐ Yes	Photograpl	h Taken:			☐ Yes	
	Comments	:								
	Test Prepara		ables: nected cted with Source Isol	ated				epresentative is req nected during the te		
			ce (MΩ)		Test Sumn	narv				
			1000V Phase To	GND		☐ Test Passed				
_		A (A-B)	B (B-C)	C (C-A)		Test Inconclusive Further Investigation Required.				
Insulation Resistance Test	Incoming					☐ Test Fai		·		
tance	Step 1									
Resis	Step 2									
tion	Step 3									
nsula	Step 4									
_	Step 5									
	Step 6									
	Step 7									
	Step 8									
	Comments:									



INSPECTION FORM MULTI-STEP CAPACITOR BANK, 600V

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	O: "		Capacitance (µF)		Test Summary		
	Step#	A (A-B)	B (B-C)	C (C-A)	☐ Test Passed ☐ Test Inconclusive		
	1				Further Investigation Required. Test Failed		
	2						
)ce	3						
Capacitance	4						
Cap	5						
	6						
	7						
	8						
	Comments:				·		
			Resistance (Ω)		Test Summary		
	Step #	A (A-B)	Resistance (Ω)	C (C-A)	── Test Passed		
	Step#	A (A-B)		C (C-A)	☐ Test Passed ☐ Test Inconclusive Further Investigation Required.		
eo		A (A-B)		C (C-A)	☐ Test Passed ☐ Test Inconclusive		
istance	1	A (A-B)		C (C-A)	☐ Test Passed ☐ Test Inconclusive Further Investigation Required.		
e Resistance	1 2	A (A-B)		C (C-A)	☐ Test Passed ☐ Test Inconclusive Further Investigation Required.		
harge Resistance	1 2 3	A (A-B)		C (C-A)	☐ Test Passed ☐ Test Inconclusive Further Investigation Required.		
Discharge Resistance	1 2 3 4	A (A-B)		C (C-A)	☐ Test Passed ☐ Test Inconclusive Further Investigation Required.		
Discharge Resistance	1 2 3 4 5 5	A (A-B)		C (C-A)	☐ Test Passed ☐ Test Inconclusive Further Investigation Required.		
Discharge Resistance	1 2 3 4 5 6	A (A-B)		C (C-A)	☐ Test Passed ☐ Test Inconclusive Further Investigation Required.		



INSPECTION FORM MULTI-STEP CAPACITOR BANK, 600V

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	Contactor -			Resistanc	e (μΩ)		Took Summon.		
			Α	В		С	Test Summary		
		Incoming					Test Passed Test Inconclusive Further Investigation Required.		
nts	Step 1						☐ Test Failed		
Contactor Pole Measurements		Step 2							
Weasu		Step 3							
Pole I		Step 4							
actor	Step 5								
Cont	Step 6								
		Step 7							
		Step 8							
	Cor	mments:							
	Returned	to Service:	☐ Yes	☐ No	Comme	nts:			
Final Analysis	Monitoring / Further Inspection Required:		☐ Yes	□ No					
•	Repair / R	eplacement Required:	☐ Yes	☐ No					
		Company	Name			Signature	Date (yyyy/mm/dd)		
Perfo	rmed By					-	,		
Chec	ked By								

Note: The person performing the check is responsible for ensuring that the data is transcribed from the handwritten form correctly, and that the analysis results are correct.

Winning			,	INSPE	CTION	FO	RM			Pa	ge 1 of 2	2	
V					SWAY,	600\	V			ID	ID:		
ect	Facility:				Project Name:								
Project	Area :				Bid Opportunity:								
	Source:					Des	t. / Load:						
	Manufactu	ırer:		Type:	•				Conduc	ctor:	☐ Copper	Alum	ninum
Busway Data	Ampacity:	А	Configuration:	□ 30	Ø, 3W Ø, 4W 0ther:						Neutral		□ N/A, or %
msn;	Grounding	g: 🔲 Integra	al to Housing	☐ Inter	rnal - Nor	ı-Isola	ated 🗌 In	nternal -	Isolated	t	Ground	Rating:	%
ш	Rated Vol	tage: V	Operating Voltage:		٧	With	stand Rati	ng:		kA Da	ite Installed	d:	
	Length:		m	red 🗌	From Dr	awing	gs 🗌 Prev	vious Da	ata	Installation	on:	☐ Ind	doors utdoors
	Physical D	Damage on Expos	ed Ends:	Yes	☐ No		Identificat	ion Tag	Installe	d:		☐ Yes	□No
	Visual Signs of Overheating: ☐ Yes				☐ No	☐ No Supported Appropriately:					☐ Yes	☐ No	
_	Cover Pla	tes in Place:		Yes	□ No Physical Orientation Conforms t Manufacturer's Labels:			forms to		☐ Yes	□No		
ectio	Grounding	j :] Accept	table 🗌	Poor								
Visual Inspection	Ventilation □ N/A □ Good □ Acceptable □ Poor Ventilation Openings Cleaned: □ Yes								□ N/A				
Visua	The follow	ving inspection ite	ms are only requ	uired for	or busway routed through outdoors or through wet / cold environments.					nments.			
	Condition	of Gaskets:	☐ Good ☐] Accept	table 🗌	able Poor Joint Shield Installation:				Good 🗌	Acceptabl	e 🗌 Poor	
	Weep Hol	e Plugs Removed	i: 🗆] Yes	☐ No	□ No Heaters Operate:					☐ Yes	☐ No	
	Comment	s:											
at	Test Source: Cable Dest. / Load: Preparation: Disconnected Disconnected Connected with Source Isolated Connected with Load Isolated												
Insulation Resistance Test	Busway T	emperature:	ature Co	orrection Factor for 20°C: Ground a reading.					nductors no	ot under te	st for each		
sistar	Test			Insu	ılation Re	esista	ance (MΩ)	I		Test Sum	mary		
on Re	Voltage		A-GND	B-	GND	'	C-GND	N-G	AND	☐ Test P			
ulatic	1000V	Reading								Furthe	conclusive er Investiga		ired.
lns		Corrected to 20	°C							☐ Test F	aiied		
	Comment	s:											



INSPECTION FORM BUSWAY, 600V

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							•		
	Test			Pha		11-24-			
dance		rest	Α	В	С	N		Units	
lmpe	Resistance								
Total Impedance	Inductance								
	Commen	ts:							
s	Busway Returned to Service:			☐ Yes ☐ No Co		s:			
Final Analysis	Monitoring / Further Inspection Required:			Yes □ No					
■ 4	Repair / Replacement Required:		ed:	Yes 🗌 No					
		Company	Nam	e	S	ignature		Date (yyyy/mm/dd)	
Perfor	med By								
Check	ed By								