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Revision history		
Rev.	**Date.**	**Description**
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Document Title:	**BLPH Project -F07 \u0026 F08, Electrical safety SAT**
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Purchase Order:	CWIWP4202202
Code:	J99-5
Requsition Number:	n/a
Customer:	CrossWind C.V., Rotterdam, The Netherlands

Title	F07 & F08 Electrical safety test - 40 ft and 10 ft container
Project	601456B CrossWind BLPH
Test date [DD-MM-YYYY]	
Test location	
Test performed by	

Grounding continuity
EN 60204-1:2018 - Section 18.2.2 - Test 1
Test performed with a test current of 10A

Main location	Location	Measurement FAT	Unit	Measurement SAT
40ft container	Busbar to busbar	0,024	Ohm	
	Module 1	0,018	Ohm	
	DC/DC cabinet 1	0,023	Ohm	
	Module 2	0,024	Ohm	
	DC/DC cabinet 2	0,019	Ohm	
	Module 3	0,026	Ohm	
	DC/DC cabinet 3	0,016	Ohm	
	Module 4	0,026	Ohm	
	DC/DC cabinet 4	0,016	Ohm	
	Module 5	0,024	Ohm	
	DC/DC cabinet 5	0,017	Ohm	
	Module 6	0,029	Ohm	
	DC/DC cabinet 6	0,015	Ohm	
	Control cabinet	0,021	Ohm	
	Control cabinet right door	0,032	Ohm	
	Lifting crane track, dolly	0,028	Ohm	
	LT piping	0,031	Ohm	
	Isolation transformer cover	0,039	Ohm	
	Cable tray	0,019	Ohm	

Main location	Location	Measurement FAT	Unit	Measurement SAT
10ft container	Busbar to busbar	0,019	Ohm	
	Main DC/Acpoint 1	0,032	Ohm	
	Main DC/Acpoint 2	0,024	Ohm	
	Main DC/Acpoint 3	0,027	Ohm	
	DC/AC conduncter point 1	0,037	Ohm	
	DC/AC conduncter point 2	0,022	Ohm	
	DC/AC conduncter point 3	0,023	Ohm	
	LT coolant pipe	0,024	Ohm	
	Cable tray	0,02	Ohm	
	Main transforer grounding bolt	0,023	Ohm	
	Main transformer chassis	0,02	Ohm	
	Cable tray	0,022	Ohm	

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Test location	
Test performed by	

Isolation resistance
EN 60204-1:2018 - Section 18.3
Test performed with a test voltage of 1000V

Main location	Location	Measurement FAT	Unit	Measurement SAT
40 ft container	L1-PE	> 999.9	MOhm	
	Cooling skid L1	10,01	Mohm	
	Colling skid L2	6,252	Mohm	
	Cooling skid L3	12,81	Mohm	
	AUX supply L1	251	Mohm	
	AUX supply L2	337	MOhm	
	AUX supply L3	237	Mohm	

Main location	Location	Measurement FAT	Unit	Measurement SAT
10ft container	L1+L2+L3-PE on AC circuit	592	Mohm	

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Test location	
Test performed by	

Isolation resistance

EN 60204-1:2018 - Section 18.4

Test performed with a test voltage of 2500VAC

Main location	Location	Measurement FAT	Unit	Measurement SAT
40ft container	PE and L1	0	mA	
	PE and L2	0	mA	
	PE and L3	0	mA	

Main location	Location	Measurement FAT	Unit	Measurement SAT
10 FT container	PE and L1	7,1	mA	
	PE and L2	7,1	mA	
	PE and L3	7	mA	