Check List for Maintenance Electrical Safety Test (E.S.T.)

This checklist is associated with instruction **INS-360**.

Maintenance Information			
Call # : A3000 de 495 05 400 9485	**Date** : 12/07/2023	**Engineer** : JORGE F. PEÑIS C.	**Company** : CEWGNEX + EDAP_TMS
Distributor : CEWGNEX			
Installation site : Clínica Santa Maria **Address** : Santiago **Country** : CHILE			
Test type	Simple (item A+B) ☒	Complex (all items) ☐	

Modules Identification			
Type:	I5Y5	S/N:	SIS123

Measuring tools				
Tool #1	FLUKE	Type: ESA612	S/N: SAV1162	Validity: 06/11/25
Tool #2 ☐ **N/A**		Type:	S/N:	Validity:
Tool #3 ☐ **N/A**		Type:	S/N:	Validity:
Tool #4 ☐ **N/A**		Type:	S/N:	Validity:

1. Visual inspection				
Control		**Pass**	**Fail**	**N/A**
A	1.1 Cover integrity.	☑	☐	
A	1.2 Cable integrity.	☑	☐	
A	1.3 Warning and safety labels.	☑	☐	☐

2. Insulation Resistance					
Control: (min 2MΩ)		**Value**	**Pass**	**Fail**	**N/A**
C	2.1 Mains to Protective Earth.	OL MΩ	☑	☐	☐
C	2.2 Main to Cover	OL MΩ	☑	☐	☐
C	2.3 Main to Applied Part.	OL MΩ	☑	☐	☐

3. Protective Earth Resistance

Control (max 0.3Ω)	Value	Pass	Fail	N/A	Control (max 0.3Ω)	Value	Pass	Fail	N/A
Test Point #1	0,294	☑	☐	☐	Test Point #11	0,068	☑	☐	☐
Test Point #2		☐	☐	☑	Test Point #12		☐	☐	☐
Test Point #3		☐	☐	☑	Test Point #13		☐	☐	☐
Test Point #4	0,[illegible]4	☑	☐	☐	Test Point #14		☐	☐	☐
Test Point #5	0,299	☑	☐	☐	Test Point #15		☐	☐	☐
Test Point #6	0,103	☑	☐	☐	Test Point #16		☐	☐	☐
Test Point #7		☐	☐	☑	Test Point #17		☐	☐	☐
Test Point #8	0,119	☑	☐	☐	Test Point #18		☐	☐	☐
Test Point #9	0,070	☑	☐	☐	Test Point #19		☐	☐	☐
Test Point #10	0,128	☑	☐	☐	Test Point #20		☐	☐	☐

4. Main Leakage Current

	Control (max 500µA)	Value	Pass	Fail	N/A
B	4.1 to Protective Earth (normal condition).	4,9µA	☑	☐	☐
C	4.2 to Cover (normal condition).	0,7µA	☑	☐	☐
B	4.3 to Cover (open earth).	0,7µA	☑	☐	☐
C	4.4 to Applied Part (normal condition).	1,6µA	☑	☐	☐
B	4.5 to Applied Part (open earth).	3,6µA	☑	☐	☐
C	4.6 to Protective Earth (reverse polarity).		☐	☐	☐
C	4.7 to Cover (reverse polarity).		☐	☐	☐
C	4.8 to Cover (reversed polarity, open earth).		☐	☐	☐
C	4.9 to Applied Part (reversed polarity).		☐	☐	☐
C	4.10 to Applied Part (reversed polarity, open earth).		☐	☐	☐

Test item	Comments
	Not possible to perform EST of table neither the Flexform because they are powered through the IESYS.

Customer	Support Engineer	Service Manager
Date: __/__/____	Date: 11/07/2023	Date: __/__/____
Name :	Name : Jorge F. Denis C.	Name :
Signature :	Signature :	Signature :