




Perform a lock-out procedure prior to the execution of this procedure



**CHECKLIST FOR PREVENTIVE MAINTENANCE OF SIRIUS CONVERTERS**

<b>POWER CONVERTER BARCODE STICKER</b>	<b>Building</b>	251 <input checked="" type="checkbox"/> 287 <input type="checkbox"/> 269 <input type="checkbox"/> 355 <input type="checkbox"/> 361 <input type="checkbox"/> BA1 <input type="checkbox"/>
 RPAEJ.251.F61.RQDN030 (exRPAEJ.251.F61.RQNEG030)	<b>Manufacturer SN</b>	ELT _____ / _____
	<b>Controller's name and Date</b>	

GENERAL INSPECTION		
<input checked="" type="checkbox"/>	initials	Inspection for external damage to converters No damage to converter cabinet – control all sides
<input type="checkbox"/>	Initials	Equipment label up-to-date and Safety notices Equipment label up-to-date/ safety information attached
<input checked="" type="checkbox"/>	initials	Control of protective earth connection Use a wrench to verify the tightness of the earth connection
<input checked="" type="checkbox"/>	initials	Verification of dc-link capacitors ventilation valves inspect capacitor banks for damage to safety vent
<input checked="" type="checkbox"/>	initials	Inspect cooling circuit and adjust water flow Leaks in power stack/cooling distribution
<input checked="" type="checkbox"/>	initials	Inspect dc-connections of capacitor banks All capacitor banks properly connected/no damages
<input checked="" type="checkbox"/>	initials	Door Interlocks operational
<input type="checkbox"/>	initials	
<input checked="" type="checkbox"/>	Initials	Review converter log for irregular/frequent trips Use EPC database to analyse events on converter

ELECTRICAL TESTS in OPERATION		
<input checked="" type="checkbox"/>	initials	Emergency stop button test Apply emergency stop and control G DIAG.DIG
<input type="checkbox"/>	initials	Verification of crowbar operation ensure DC-link discharge switches in OFF position
<input type="checkbox"/>	initials	
<input checked="" type="checkbox"/>	initials	Verification of dc capacitor discharge rate Using powerspy verify passive discharge rate
<input checked="" type="checkbox"/>	initials	Verification of dc-link fast discharge To be applied on DC-link Supervision card
INSPECTION END		
<input type="checkbox"/>	initials	Preventive maintenance sticker and database update Attach preventive maintenance sticker and mark date
<input checked="" type="checkbox"/>	initials	Converter cabinet doors locked after inspection Doors locked and interlocks/faults cleared.

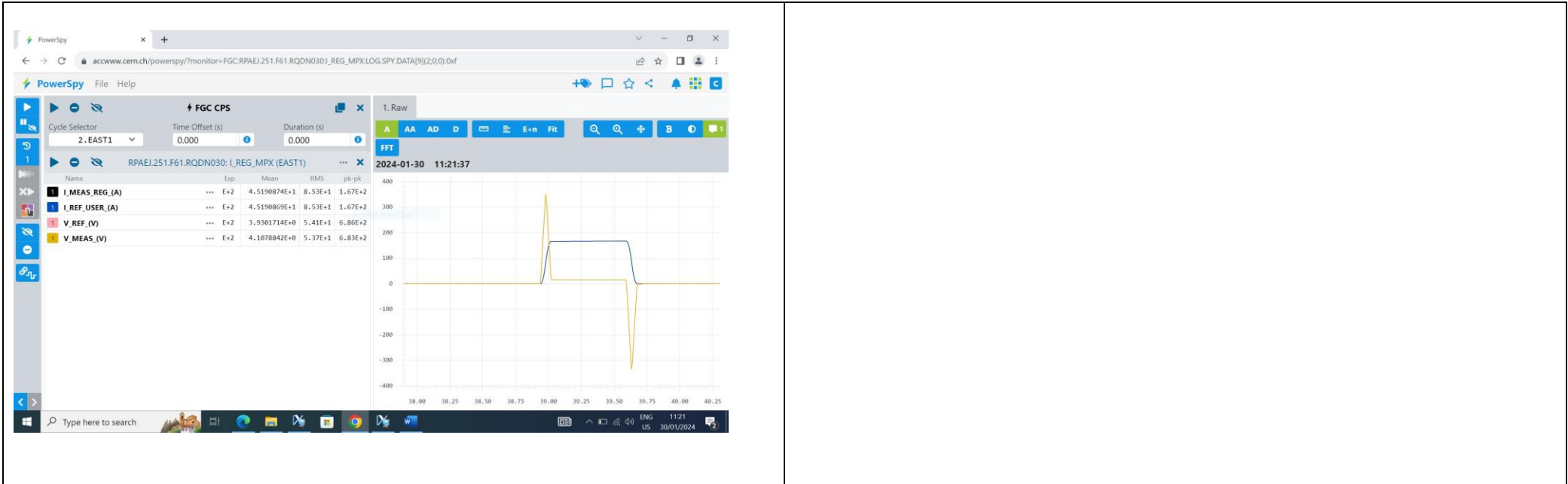
Comments:	Found logbook entries (ex 17030, 12399):



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Follow-up actions: