

Powering

Viatcheslav Grishin (ESS)

Category/roles of personnel in terms of electrical safety:

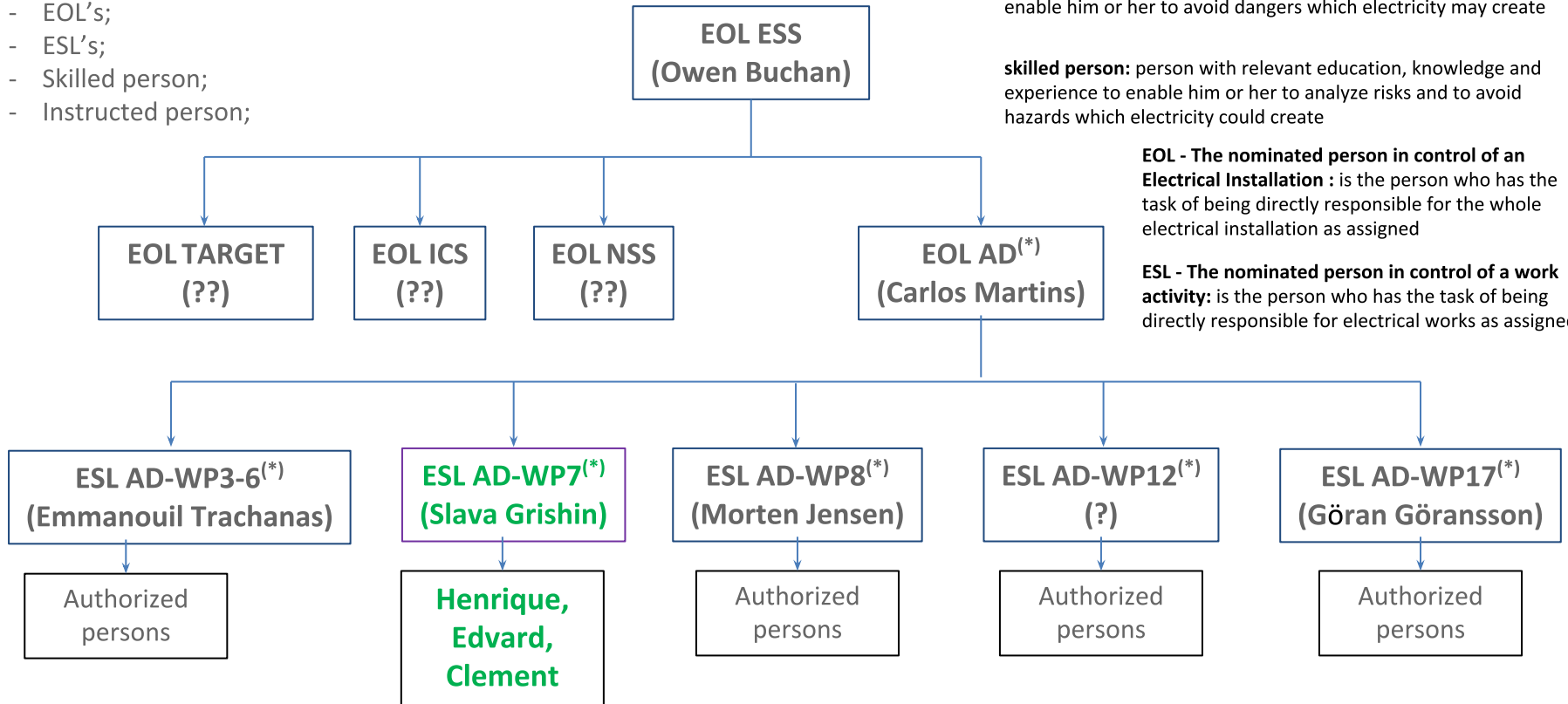
- EOL's;
- ESL's;
- Skilled person;
- Instructed person;

instructed person: person adequately advised by skilled persons to enable him or her to avoid dangers which electricity may create

skilled person: person with relevant education, knowledge and experience to enable him or her to analyze risks and to avoid hazards which electricity could create

EOL - The nominated person in control of an Electrical Installation : is the person who has the task of being directly responsible for the whole electrical installation as assigned

ESL - The nominated person in control of a work activity: is the person who has the task of being directly responsible for electrical works as assigned



(*) – valid for the Normal Conducting Linac (NCL) only

BCM and FC - power ON

The sequence for energising the racks

1. Self Inspection report : **Edvard, Clement, Henrique and approved by Slava**
2. Quality inspection of the rack - Quality report : **Stefan Arvidsson**
3. RAMS , Work request and Energisation request : **System Leaders and Slava**

In 2020: Carlos and Owen to give their green light for energisation

Racks to be powered in Feb90:

BPM

Motion Control

NPM

DPL

Self Inspection report

A. Protection against direct contact

	Item	Compliance ^(NOTE 1)	Comments ^(NOTE 3)
1	Insulation of live parts		
2	Barriers		
3	Enclosures		

B. Equipment

	Equipment	Selection ^(NOTE 2)	Erection ^(NOTE 1)	Comments ^(NOTE 3)
1	Cables			
2	Wiring accessories			
3	Conduits			
4	Trunking			
5	Distribution equipment			
6	Protective devices			

Self Inspection report

C. Identification

	Item	Presence	Correct Location	Correct Wording	Comments ^(NOTE 3)
1	Labelling of protective devices, switches and terminals				
2	Warning notices				
3	Danger notices				
4	Identification of conductors				
5	Isolation devices				
6	Switching devices				
7	Diagrams and schedules				

Test protocol

	Enter type of test that has been performed	Protocol No:
1	>>Continuity Test<<	
2	>>Insulation Test<<	
3		
4		
5		

Work Order 50803 Powering of BPM BD FEB90 rack

Record View | Comments x | Activities x | Parts x | Documents x | Permits x | Checklist x | Email Watcher x | More v

Work Order: 50803 * Powering of BPM BD FEB90 rack Organization: ESS

Equipment: ACC.B01.UH01.UH21 Cabinet 13 in rack row 05 of the FEB Created By: SLAVAGRISH

Location: G01.090.5005.104.013 FEB-050ROW:CNPW-U-013 Date Created: 12-DEC-2019

ESS Name: FEB-050Row:CnPw-U-013

Alternate Tag: Instrument Rack

Type: Installation Status: * Ongoing

Department: * Dependent: Printed:

Work Order Details ^

Class: INS Standard WO:

Parent Work Order: 44227 Cost Code: 110700001

Priority: Required within 24-48 hours Route:

PM Code:

Original PM Due Date:

Originating WO - -

Activity:

Scheduling

Reported By: 10589

Reported By Name: Slava Gris

Date Reported: 12-DEC-20

Assigned To: 11062

Assigned To Name: Owen Buck

Sched. Start Date: 18-DEC-20

Documents ^

Inst



BPM
RFFE_schematics_201912



MicroTCA_Short_Form_Seq



FEB-050ROW-CNPW-U-
002_11.04...















Hardware Manual -
ESS_BPM_R...

RA
BP

Work Order 50803 Powering of BPM BD FEB90 rack

Record View Comments × Activities × Parts × **Documents ×** Permits × Checklist × Email Watcher ×

 **Create/Upload Document**

-  Work Order:50803 Powering of BPM BD FEB90 rack
 -  10620: BPM RFFE_schematics_201912130847.pdf
 -  10621: MicroTCA_Short_Form_Sept_2006_201912130848.pdf
 -  10622: FEB-050ROW-CNPW-U-002_11.04.19_cabling_201912130848.pdf
 -  10623: Hardware Manual_ESS_BPM_RFFE v2_1_201912130848.pdf
 -  10634: RAMS_Safety-BPMrack_201912171426.docx
-  Equipment:
-  Project:
-  Department:
-  Parent Work Order:44227 Energization of HV switchgears
-  Location: