




WORK PHASE	REFERENCE PICTURE	OPERATION	CHECKING SEQUENCE
1	 <p>2016/12/07 03:57 AM</p>	<p>1A-EMPTY THE GENERATOR FROM-SF6.</p> <p>1B-PLUG THE GENERATOR WITH A VACUUM PUMP.</p> <p>1C-STOP WHEN THE RELATIVE PRESSURE ON THE MANOMETER IS LESS THAN -0.1 Mpa.</p>	<p>CHECK THE MANOMETER PRESSURE VALUE BEFORE GOING ON WORK PHASE 2.</p>
2	 <p>2016/12/07 03:59 AM</p>	<p>2A-RECORD THE GENERATOR S/N.</p>	<p>STORE IT ON A REGISTER.</p>
3	 <p>2016/12/07 03:58 AM</p>	<p>3A-OPEN THE UPPER CARTER.</p> <p>3B-FORCE THE GAS PLUG WITH A SCREW DRIVER TO LET THE AIR ENTER THE GENERATOR.</p>	<p>CHECK THE PRESSURE VALUE ON THE MANOMETER. STOP UNTIL THE RELATIVE PRESSURE IS 0 Mpa.</p>

4		<p>4A-MARK THE GENERATOR BODY WITH A VISIBLE PEN MARKER</p>	<p>DO CLEAR REFERENCE MARKS</p>
5		<p>5A-CHECK THE CONNECTIONS BETWEEN POLES. IN THIS WAY, 1 WITH 4, 5 WITH 3, 6 WITH 9.</p> <p>5B-CHECK THE MUTUAL INSULATION AND THE INSULATION FROM GROUND WITH A MULTIMETER.</p>	<p>DO IT FOR EVERY POLE OF THE CONNECTOR.</p>
6		<p>6A-UNTIGHT THE UPPER FLANGE BOLTS.</p> <p>6B-TILT THE GENERATOR UPSIDE DOWN.</p> <p>6C-UNPLUG THE FAN CABLE CONNECTORS.</p>	<p>LEAVE UNTIGHTENED BOLTS. 4</p> <p>IF THE XRAY GENERATOR IS A DC, MARK THE CABLES.</p>



7








7A-UNTIGHT THE  
BACK COVER  
SCREWS AND OPEN  
THE BACK OF THE  
GENERATOR.

8



8A-UNTIGHT THE  
SOCKET HEAD  
SCREW.

<p>9</p>		<p>9A-SET THE BACK COVER, THE SCREWS AND THE GASKET IN A SAFE PLACE.</p>	<p>CHECK THE GASKET.</p>
<p>10</p>		<p>10A-DO THE XRAY GLASS TUBE ANOD CONICITY UNPLUGGED BY TIGHTENING A SUITABLE SCREW.</p>	<p>DO IT WITH CARE. DON'T FORCE TIGHTENING.</p>
<p>11</p>		<p>11A-SCREW IN A SUITABLE ROD BAR IN THE XRAY TUBE ANOD.</p>	<p>MOVE THE ROD VERY SMOOTHLY. DON'T FORCE THE GLASS TUBE TO MOVE.</p>

<p>12</p>		<p>12A-SET THE GENERATOR IN A VERTICAL POSITION.</p> <p>12B-UNTIGHT THE 4 SCREWS LEFT ON THE FLANGE.</p> <p>12C-LIFT UP THE GENERATOR BODY.</p> <p>12D-INSERT BETWEEN THE FLANGE AND THE BODY TWO SMOOTH PIECES OF PLASTIC 30mm x20 mm CROSS SECTION. 30 mm HEIGHT WISE.</p>	<p>HOLD THE ROD WITH AN HAND.</p> <p>DO THE OPERATION WITH TWO PEOPLE. NEVER WORK ALONE.</p>
<p>13</p>		<p>13A-UNCOVER CABLE WELDS.</p> <p>13B-MARK FAN AND TEMPERATURE SENSOR CABLES BOTH EDGES BETWEEN WELDINGS.</p>	<p>DO CLEAR MARKS. BETTER WOULD BE LIKE IN THE PICTURE BESIDE. EVERY CABLE MARKED TWICE ONE MARK AND THE OTHER MARK OPPOSITE TO THE WELDING.</p>

14



14A-UNCONNECT FAN AND TEMPERATURE PROBE CONDUCTORS BY UNWELDING THEM.



15



15A-LIFT UP THE CYLINDRICAL BODY AWAY FROM GENERATOR.

STRONGLY RECOMENDED TO WEAR WORK GLOVES, PROTECTIVE

15B-HOLD THE ROD BY EXTRACTING UP THE CYLINDRICAL BODY.

WORK DRESSES AND HELMETS WITH SHIELD.

GLASS TUBE CAN SUDDENLY BLOW OUT.

15C-QUICKLY FOLD THE GLASS TUBE IN A SOFT AND THICK PLAID.

DON'T WORK ALONE ANYWAY.

15D-QUICKLY CUT



THE GLASS TUBE FILAMENT CONNECTING WIRES WITH THE HV COIL.

15E-PLACE THE FOLDED GLASS TUBE IN A CLOSED BOX. WAIT 24 HOURS BEFORE UNFOLDING IT.



16



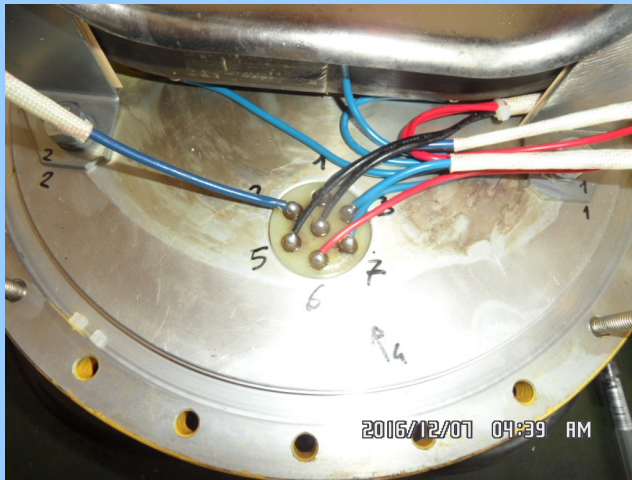
16A-SET THE GROUP FLANGE-MAGNETIC YOKE-HV COIL FREE ON THE TABLE.

16B-TAKE OUT THE FLAT RED GASKET FROM ITS SEAT.

16C-EXAMINE CAREFULLY THE GASKET. CHANGE IT IF IT IS DAMAGED.

DO THE GASKET EXAMINATION WITH NOT LESS THAN 1000 lx (APPROX. 100 W TORCH-500 mm). DON'T USE COLD ALOGEN LAMPS.

17



17A-MARK THE INNER CONNECTION CABLES PROPERLY WITH A NUMBER. REFER FOR THE CONNECTION NUMBERS AS THE ZHONGYI CONNECTION ELECTRICAL DIAGRAM.

17B-MARK THE HV COIL MOUNTING STAND PROPERLY, TO IDENTIFY MOUNTING POSITION AND ORIENTATION.



17C-MARK THE OUTER METAL STRING IN THE WAY TO IDENTIFY ITSELF AND THE HV COIL STAND MUTUAL POSITION.



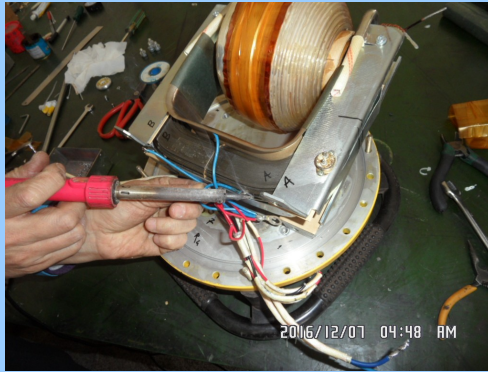
17D-MARK THE FRONT PART OF THE COIL WITHIN RESPECT THE WIRE CONNECTOR.

17E-UNSCREW HV COIL STAND SCREWS FROM THE FLANGE.



17F-LAY THE HV COIL STAND HORIZONTALLY AND DISCONNECT GROUND CONNECTIONS.





18



18A-SET FREE THE HV STAND FROM THE EXTERNAL METAL STRIP BY UNTIGHTENING THE FASTENING SCREW.

18B-MARK THE POSITION OF THE INTERNAL METAL STRIP WITH THE HV COILSTAND AND THE YOKE.

18C-SET FREE THE HV STAND FROM THE INTERNAL METAL STRIP BY UNTIGHTENING THE FASTENING SCREW.

19



19A-SET FREE THE HV COIL FROM THE MAGNETIC YOKE.