

## INSPECTION REPORT

APPROVED

B4005084

**Client** OMACS, 109052, Moscow Nizhegorodskaya st., 104, bld.3  
Location: Moscow region, Podolsk area, Lvovskiy, Metallurgov dist., 3 Russia.

**Subject** Inspection to type tests on 1x2500 mm<sup>2</sup> Cu 127/220 kV XLPE cable system (Cable, sectionalized pre-moulded straight joint, outdoor terminations).

**Place and date of inspection** OMACS, 109052, Moscow region, Podolsk area, Lvovskiy, Metallurgov dist., 3 Russia.  
ESTRALIN HVC LLC  
111024, Moscow, 2nd Kabelnaya st., 2  
Production place: 111024, Moscow, 2nd Kabelnaya st., 2  
September 16<sup>th</sup>, 2013 to January 31<sup>st</sup> 2014.

**Notes** -

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**N. of pages** 10

**N. of pages annexed**

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**CESI S.p.A.**  
Testing & Certification Division  
Business Area Certification  
Responsabile  
*Fiorenzo Bregani*

PAD B4005084 (1930139) - USO RISERVATO

Mod. RISIP v. 5

- R : Routine Test
- T : Type Test
- S : Special Test

### 8 OBSERVATION AND NON CONFORMITIES

During the LI test, after the heating cycles voltage test, a problem occurred on the Sectionalized pre-moulded straight joint.

The joint has been replaced with a new one and the heating cycles voltage test was repeated successfully.

### 9 CONCLUSIONS

On the basis of the results obtained, it is possible to conclude that the 127/220(4 kV cable system formed by:

- Cable type 2XS(FL)2Y-LWL 1×2500RMS/150-127/220kV , manufactured by ESTRALIN HVC LLC, Russia;
- Sectionalized pre-moulded straight joint type MCB 252 X, manufactured by ARKASIL, Russia;
- Outdoor Termination type MKB 252 , manufactured by ARKASIL, Russia;

passed all the tests listed in item 6.