

HIGH TENSION PYLONS – MUNTENIA - ROMANIA

Application of **ZINGA** on 47 high tension pylons in Corten steel (type: Romcor Cichor) by contractor **MUNTENIA NORD**. These 47 pylons were highly corroded (see picture below).



In February 2001 a first test application has been executed on a part of a 110 kV high tension pylon in the region of Targoviste (heavy industrial area, loaded with SO₂, Cl₂, H₂S, ...).

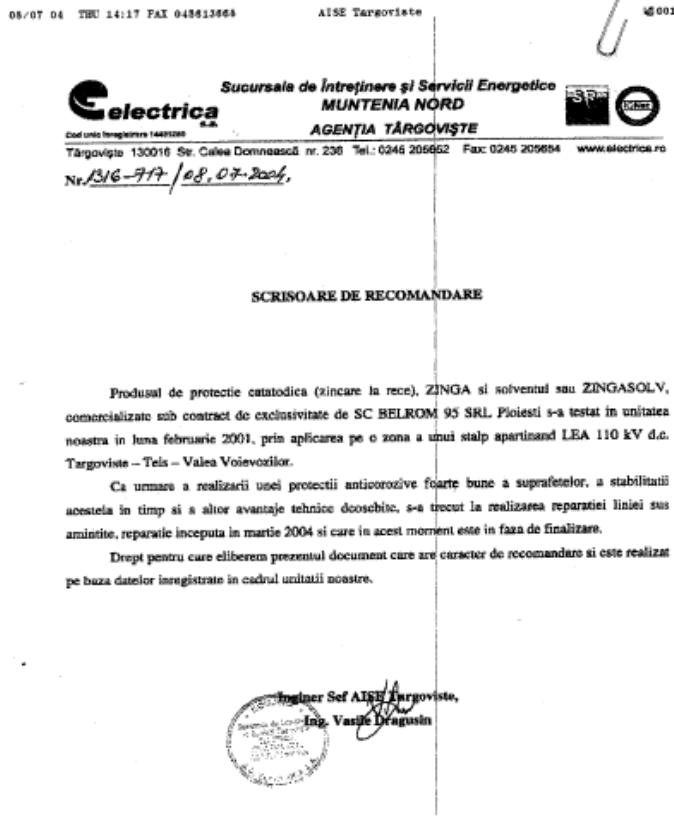


System:
1 x 80 µm DFT

After 3 years trial (2004) and a positive evaluation, it has been decided to start with the full protection of the 47 pylons.

Surface preparation:

Manual removal of the loose rust particles by means of a metallic brush and dedusting.



II. EXTRACT OF TENDER SENT BY ISCE- N° 336/2001 3.2. L I-I 224/2002

Regarding the protection against corrosion on metallic structures on high tension pylons

LETTER OF RECOMMENDATION DD 08.07.2004 ISSUED BY ELECTRICA MUNTENIA NORD
- TARGOVISTE ROMANIA N° 1316-717 dd 08.07.2004

The product for the galvanic cathodic protection Zinga and its solvent Zingasolv commercialised under exclusive contract by BELROM 95 Srl, in Ploiesti, has been tested by means of one application on a part of one of those pylons LEA of 110 kV.

After 3 years the results of this partial test has been judged. The protection against corrosion and its behaviour after those years were perfect and taking into account the outstanding advantages it has been decided in March 2004 to treat the complete Targoviste-Teis-Valea Voievozilor line (XXXpylons).

This application is having its final phase. This is why we issue this document that is a recommendation and which is made out of registered and follow-up data as a part of our company.