

Translation from Romanian

MINISTRY OF LABOUR, SOCIAL SOLIDARITY AND FAMILY
NATIONAL INSTITUTE FOR RESEARCH, DEVELOPMENT
FOR LABOUR PROTECTION

ICSPM – CS CERTIFYING BODY

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INCDPM
ICSPM - CS

CONFORMITY CERTIFICATE

No. 1434/09.03.2012

1. The present certificate is issued for:

- **Name of the product** Dry weather telescopic insulating stick from modules for multiple use, with application from the ground, in electrical installations with nominal voltage up to 400 kV

- **Materials:** resin tubes reinforced with fiberglass fabric

- **Product symbol** PTU-AS-400 kV-6-C

- **Product type** insulating stick with plastic coupling system “C” hexagon type with utilized adaptors code “ACMIT/C” and “ACAI/C” (according to the specifications provided in the technical book – HTC340ed.0/rev.3-2011) or other technical equipments or tools (self-tightening anchoring hook, “CASC/C” type hook, equalizing ring used at tests). Depending on the maximum usable voltage (35-110 kV, 220 kV and 400 kV) the maximum length of the stick is 9,00 m, the total minimum length of the stick L_{min} is between $3,49 \div 9,00$ m, minimum utile length L_{umin} is between $1,62 \div 7,40$ m and the maximum number of telescopic modules is 6 (according the prescriptions from SF 29/99ed.0/rev.3-2011).

- **Domain of use** outdoor electric installations, only in dry weather, without precipitations (rain, snow, drizzle) at temperatures between $- 25^{\circ}\text{C} \div + 55^{\circ}\text{C}$. It is used in exterior electrical installations with the nominal usable voltage of maximum 400 kV, for various technological operations, according to the specifications from the Technical Book HTC340ed.0/rev.3-2011. It is forbidden the use of the insulating stick at lifting or towing objects heavier than 5 kg. It is used according the instructions, mentioned in the Technical Book - HTC340ed.0/rev.3-2011, delivered along with the insulating stick by Romind T&G Modern Solutions and Technologies Company from Bucharest, and certified according to the legislation in force.

2. **The solicitant of the certification: ROMIND T & G Modern Solutions and Technologies**

- **Address:** Biruintei Blvd., No. 162 (DN 3 Bucharest – Calarasi, 14+900 km), City Pantelimon, County Ilfov, Romania

3. **Manufacturer: ROMIND T & G Modern Solutions and Technologies**

- **Address:** Biruintei Blvd., No. 162 (DN 3 Bucharest – Calarasi, 14+900 km), City Pantelimon, County Ilfov, Romania

- **Trademark of producer: ROMIND**

4. **The standards upon which the certification has been issued:** The health and security requirements referred by the EM technical applicable rules, GD no. 1146/2006 regarding minimum requirements of health and security at work by workers using work equipment, SR EN 61230:2009 (SR EN 61230:1997, SR EN 61230:1997/A11:2001), SR EN61235:1999, , SR EN 61212-2:2007, SR HD 478.2.IS1:2002, own specific instructions regarding transport and distribution of the electric energy, established according Law no. 319 regarding health and safety at work (Own specific instructions of work security for electrical installations in use, elaborated by SC ELECTRICA SA).


5. **Conclusions** The products corresponds to the essential requirements of health and safety corresponding to the domain of use and to its limits and has the performances fitted in the technical specifications mentioned in the Romanian and European standards and the technical regulations regarding health and safety at work mentioned in the annex.

6. **Availability of the conformity certificate** 09.03.2014

PRESIDENT
Certification Body
Dr. Eng. Ionel Iorga

Chief
Technical Equipments Certification
Dr. Eng. Anca Antonov

In case of litigation, only the original in Romanian language is valid. The conformity certificate is valid only accompanied by the annex, as an integrant part of it.

 <p>PRESEDINTE ORGANISM DE CERTIFICARE Dr.ing. IONEL IORGA</p>	<p>ŞEF CERTIFICARE ECHIPAMENTE TEHNICE Dr.ing. ANCA ANTONOV</p>
<p>În caz de litigiu, numai originalul în limba română este valabil. Certificatul de conformitate este valabil numai însoțit de anexă, ca parte integrantă a acestuia.</p>	
