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FISUEL INFORMATION LETTER

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International Federation for the Safety of Electricity Users

Edito

Safety of users, safety of uses. Renewables. Technical Committee.

Our Federation became seven years old last February, the age of reason.

Up to now, it has mainly been concerned with countries which wished to set up a system for verification of the application of Standards in dwellings.

It has encouraged exchanges – internal information exchanges – it has received many reports on progress, in order to try to help those who wanted to initiate such a process and, possibly, those which wished to improve those already existing.

We all need to continue to perfect our own national situations, we now have available to us a full range of aids to enable us to do so, and we can consider this first phase as a success.

*Seven years old, FISUEL will have now to evolve. I foresee two **roads** for progress, and one **means** of starting.*

The first road : from now, to think of “uses”, and not only of “users”. “Uses” are applications; “users” are persons. The former is wider, less restrictive than the latter. One includes the other. Our scope of action must get wider.

The second: to think of “renewables”. The arrival of these new sources of electricity in applications, and for users, will compel us all, to develop a number of new regulations, or new processes, to realise some concepts, and to anticipate,... To morrow will not be the same as today, we must be aware it. Our Federation, without waiting any longer, has to start working in this field.

By setting up a “Technical Committee”, with possible local working groups, coordinated by a Vice president, member of the Board, I am convinced that FISUEL will be able to “round this cape”, that is to say, to help its members from now on, to progress in these two directions, or, for some of them, to begin them.



Romualdo ARIAS
President of FISUEL

NEWS



Memberships

■ Active Member

- SEP (Association of Polish Electrical Engineers), active member since the Board held on 11 November (see *article hereunder*).

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■ Associate Member

- EMA, Energy Market Authority, Singapore, associate member since the Board held on 23 March 2009.



EMA is the national economic and technical regulator of electricity and piped gas industries. As such, EMA is set up to protect the interests of consumers with regard to the quality of electricity supply, elaborate monitor and implement the related policies and processes. In particular EMA is accountant of the inspection schemes on installations to ensure compliance of safety Standards for connection supply.

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SEP Association of Polish Electrical Engineers



General Information

Association of Polish Electrical Engineers, SEP, having ninety years' tradition and over twenty three thousand members is the biggest in Poland, a kind of creative organization of scientific-technical character, a voluntary association of electrical engineers and technicians representing all specialities and people whose professional activity is connected with vastly understood electrical engineering from electronics to power engineering.

Since 1919 the Association has been continuously:

- Inspiring Polish scientific activity along with the world



scientific developments in the electricity domain

- Cooperating with foreign engineers' organizations in order to deliver to Polish professionals the information on the world's developments in the electrical field and on the accession terms to the title of the European Engineer. SEP is a member of the Convention of National Societies of Electrical Engineers of Europe (EUREL)
- Organizing international, local and regional conferences, symposia and meetings concerning problems of the

electrical field, contests and exhibitions, outgoing economic missions to the international fairs

- Taking part in the establishment of standards and technical regulations
- Granting recommendation along with the right to use the sign of SEP recommendation to companies making products or delivering services at an appropriate quality level
- Carrying out quality tests

STATE OF VERIFICATIONS OF ELECTRICAL INSTALLATIONS IN DWELLINGS

(Sources : AIE, CENELEC, FISUEL, CENELEC)

COUNTRIES	PERIODIC	SYSTEMATIC/REGULAR	COMMENTS
Argentina	Nothing		
Austria	Nothing		Voluntary, kind of E-check
Belgium	Each 25 years (after 1981)	At a change of owner and when the demand is increased	
Czechoslovakia	Every 10 years (other than communal parts)		
Denmark	10 % each year		
France	Nothing	- In case of change of owner if installation is older than 15 years - After total renovation	Since 1 st January 2009 Since 6 March 2001
Germany	Nothing	At a change of occupier	Voluntary, E-check
Indonesia	Every 15 years		
Ireland	Nothing		
Japan	Every 4 years		
Korea	Every 3 years		
Norway	5 % / 10 % each year		
Portugal	Nothing	After total renovation and when the demand is increased	
Spain	Nothing	When the demand is increased if the installation is more than 20 years old	
Switzerland	Every 20 years	At a change of owner if the installation is more than 5 years old	
Taiwan	Each year		
United Kingdom	Nothing	Recommended to be done every 10 years and at a change of occupier	

Any person finding a mistake in this table or having additional information is invited to let it know to FISUEL

- Taking care of students and young professionals by influencing the scope and the content of educational programmes in the field of electrical engineering and funding scientific scholarships
- Taking care of upgrading the qualifications, technical culture and professional ethics in the electrical domain
- Publishing many professional magazines concerning problems of different electricity domains



SEP representatives at AMPER 2009 Fair. From left: Janusz Borowski (SEP Main Board Member), Anna Dzieciol (SEP Foreign Relations), Edward Biel (PRE Edward Biel), Janusz Nowastowski (Association of the Cable and Electrical Equipment Producers)

Organization structure of our Association is very extended. We have **fifty regional Branches** located in large Polish cities.

SEP encloses over ten Scientific and Technical Committees gathering eminent scientists and professionals from each electrical field. Some of them called Polish Committees represent the Association of Polish Electrical Engineers in international organizations. What's more over ten Scientific and Technical Sections gather members of SEP from the same electrical field or having similar interests. Both Committees and Sections center their activity on the development of their fields.

Regulations, Laws

Every electric installation in Poland during its installment and after the performance thereof, after each extension, renovation, repair or modernization, but before being transferred to use, and periodically during its use, should be examined and tested.

The regulations for acceptance and periodical verifications of low voltage electrical installations was defined in **Polish Standard No PN-HD 60364-6:2008** pursuant to Polish Construction Law and administrative regulations.

Energy Law and Regulation of the Ministry of Economy, Labour and Social Policy dated 28th April 2003, regarding detailed rules of qualifications necessary for people making electrical installations, define requirements for them. **Certificate of Qualifications issued by URE /The Energy Regulatory Office)** is the document authorising the performance of the a/m works.

In Brief



■ *The President Romualdo Arias, accompanied by the Presidents of AIE, Jacques Wetzel, and of EUEW, Gilles Deraison and by Denis Hannotin, met Alexandra Jour-Schröder, DG Enterprise at the European Commission, on the 11 February.*

On this occasion, he also met EUROPACABLE as well as the consumer's organisation, BEUC.

■ *The Exchanges and Convergence Experts Group held a meeting – which was attended by the President – at Electrosuisse on the 17 April. The goal was to review the situation on the inquiries that were made about the verification of the photovoltaic installations, with a view to presenting them to the members on the 11 June.*



■ *José Tomaz Gomes, Director of CERTIEL (Portugal) carried out a mission to Brazil in March, with the aim of investigating the possibility of cooperation in the setting up a system of verification of installations in this country.*

NB : We have learnt a few days ago that CERTIEL Brazil had been set up on 25 May.



■ *A delegation of CONTRELEC (Benin), MM. Dakehoun and Padonou, was in Paris from 9 to 12 March; after having met CONSUEL and Philippe André at FISUEL, it also met other stakeholders in the safety of electricity users. CONTRELEC which makes 160 inspections per week, in dwellings, in Cotonou, is considering extending its activities to industrial and services sectors.*





In the middle : Jolanta Arendarska, Secretary General of SEP and Jerzy Barglik, the President of SEP.

The Campaign

Association of Polish Electrical Engineers carries out the campaign entitled "SAFE ELECTRICITY". The main idea of this campaign is to increase awareness of the safe contact with electricity and proper use of electrical equipments as well as raise awareness in society about first aid in case of electric shock

In our opinion the proper education of children as well as youth and adults decreases considerably the risk of accident. Therefore our campaign is directed to the whole society and its integral part will be directed to teachers and will increase the knowledge of the use of electric energy in the rural area.

The main media in this campaign are: open meetings via TV, radio, leaflets, folders, the sponsored articles, educational films, internet, the family and scientific picnics, didactic lectures.

Why we would like to join FISUEL

Due to alarming statistics and research in Poland, which show that several hundred people die every year in Poland because of electric shock, and many fires are caused by faulty electrical installations, SEP decided to take immediate action to stop such accidents. There is a necessity to introduce appropriate legal regulations in our legislation. We would like to take advantage of FISUEL experience in those matters, in order to promote electrical safety in Poland.

SEP Authorities

Jerzy BARGLIK, *the President*

Andrzej BORON, Janusz KLODOS, Zenon STODOLSKI,
Vice-Presidents

Jolanta ARENDARSKA, *Secretary General*.

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Dates for your diary

■ Thursday 5th November 2009

- Board of Directors (place to follow)

■ Friday 6th November 2009 – ATHENS

- International Forum on Electrical Safety

■ Elec Expo 2009, 5th Edition from 17th to 21th november 2009 CASABLANCA

■ June 2010 – JAPAN

- General Assembly and AGM (place and date to follow)



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