



Atoms for Peace

الوكالة الدولية للطاقة الذرية
国际原子能机构
International Atomic Energy Agency
Agence internationale de l'énergie atomique
Международное агентство по атомной энергии
Organismo Internacional de Energia Atómica

National Liaison Officer

Vienna International Centre, PO Box 100, 1400 Vienna, Austria
Phone: (+43 1) 2600 • Fax: (+43 1) 26007
Email: Official.Mail@iaea.org • Internet: <http://www.iaea.org>

In reply please refer to: C7 - RER/1/014/002
Dial directly to extension: (+431) 2600- 26306

2014-09-18

Subject: Invitation to a Regional Training Course on Safe Operation of Irradiation Facilities, Warsaw, Poland, 1 - 5 December 2014

Dear National Liaison Officer,

I am pleased to invite you to send nominations of suitable candidates to participate in the above-mentioned training course under the framework of TC Project RER/1/014 – Introducing and Harmonizing Standardized Quality Control Procedures for Radiation Technologies. The purpose of the training course and related information are outlined in the attached Prospectus.

For candidates who are selected by the IAEA, the Agency will cover the cost of return international travel from the home country to Warsaw, Poland and provide a stipend for the duration of the training course in line with Agency rules and procedures.

Please submit nominations to the IAEA online through the Technical Cooperation Department's InTouch system (<http://intouch.iaea.org>). Only if this is not possible, nominations may be submitted on the Nomination Form for Training Courses available on the IAEA website: <http://www.iaea.org/technicalcooperation/How-to-take-part/train-course/index.html>. Completed forms should be endorsed by relevant national authorities and sent to the Programme Management Officer for this project, Ms Alessia Rodriguez y Baena (IAEA Official Fax: +43-1-26007 or E-Mail Official.Mail@iaea.org), through the official channels, i.e. the designated National Liaison Office for IAEA matters, not later than 10 October 2014.

Yours sincerely,

Manase Peter Salema
Director
Division for Europe
Department of Technical Cooperation

Enclosures: Prospectus

International Atomic Energy Agency

Regional Training Course on Safe Operation of Irradiation Facilities

PROSPECTUS

Project Number & Title: RER/1/014: Introducing and Harmonizing Standardized Quality Control Procedures for Radiation Technologies

Place (City, Country): Warsaw, Poland

Dates: 1-5 December 2014

Deadline for Nominations: 10 October 2014

Organizers: The International Atomic Energy Agency (IAEA) in collaboration with the Government of Poland through the Institute of Nuclear Chemistry and Technology.

Host Country Organizer: Mr Andrzej Grzegorz Chmielewski,
Institute of Nuclear Chemistry and Technology
ul. Dorodna 16
03-195 Warsaw
Poland

Tel: 48225041205
Fax: 48228111532
E-mail: a.chmielewski@ichtj.waw.pl
Web: <http://www.ichtj.waw.pl>

Language: English

Purpose: The purpose of the training course is to provide theoretical and practical training in the field of safe operation of irradiation facilities, in line with international standards. In particular, the training course is aimed to i) provide knowledge to the radiation facility operators about the current safety and control strategies that are being employed in radiation facilities to meet the requirements of the international standards, ii) share the experience of safe operation of the facilities and iii) underline the importance of preventive maintenance in ensuring the safety and efficiency of the radiation facilities.

Expected Output(s): The expected outputs of the training course are:

- Enhanced knowledge of radiation facilities operators regarding the current safety practices in gamma and electron beam facilities.

- Increased awareness of radiation facility operators about operation and maintenance protocols to be followed in radiation facilities for enhanced safety.
- Enhanced preparedness of the radiation facility operators to deal with the emergency situation in the facilities

Scope and Nature:

The course will be comprised of lectures and facility visits to enhance participants' understanding about the safe operation of radiation facilities in line with international standards. The programme will cover topics such as safety features in different radiation facilities, identification of hazards in safety assessment, procedures to be followed in emergency conditions, analysis of case histories of accidents in radiation facilities, and operation and maintenance protocols to be followed to ensure safety of the radiation facility.

Background Information:

Radiation processing exists in many European countries mainly for the sterilization of medical products and for the production of advanced polymer materials. The planned further expansion of the European Union will result in increased trade, requiring strictly controlled radiation technologies through standardized quality control methods and procedures. EU and national authorities introduced new standards and regulations related to health care products, pharmaceuticals, food treatment and further development in radiation processing. Regional activities were initiated and carried out to help the establishment of radiation processing technologies and to check the existing quality control procedures in the region in industrial gamma and electron beam facilities.

Building on the achievement of previous TC regional project, such as RER/8/017 "Enhancing Quality Control Methods and Procedures for Radiation Technology" (2009-2011) and RER/1/011 "Introducing and Harmonizing Standardized Quality Control Procedures for Radiation Technologies" (2012-2013), project RER/1/014 aims at facilitating the harmonization of selected national standards with the international standard ISO11137. In particular, the project will facilitate the implementation of product and process control measures, enforced by the EU and national laws and regulations, which in turn is essential for the successful and safe operation of installations.

To this end, this course represents a valuable opportunity to provide regional specialists with advanced training in the field of safe operation of irradiation facilities, with emphasis on current safety and control strategies that are being employed in radiation facilities to meet international standards and on standard operating procedures to deal with any untoward emergency situation in the facility.

Participation:

The training course is open to 25 participants from Member States in the TC Europe Region involved in the regional TC project RER/1/014. For this event, the target countries are those where radiation processing technologies are established or soon to be introduced, namely: Azerbaijan, Bulgaria, Croatia, Czech Republic, Hungary, Kazakhstan, Poland, Portugal, Republic of Moldova, Romania, Russian Federation, Serbia, Turkey and Ukraine.

- Participants' Qualifications:** The participants should be technical specialists (e.g., physicists/ engineers) with hands-on experience in operation, maintenance or safety regulation of large scale radiation facilities. Priority shall be given to candidates who are currently i) working in large scale gamma or electron beam facilities or ii) are directly involved in the planning/ implementation of radiation facilities in the country. Applications from *Junior Professionals* are strongly encouraged.
- Nomination Procedure:** Nominations should be submitted to the IAEA online through the Technical Cooperation Department's InTouch system (<http://intouch.iaea.org>). Should this not be possible, nominations may be submitted on the standard IAEA Application Form for Training Courses (available on the IAEA website: <http://www.iaea.org/>). Completed forms should be endorsed by relevant national authorities and returned to the Agency through the official channels, i.e. the designated National Liaison Office for IAEA Matters.
- The completed nomination forms should be sent to the Programme Management Officer for this project, Ms Alessia Rodriguez y Baena, through IAEA Official Fax (+43-1-26007) or E-Mail (Official.Mail@iaea.org), not later than 10 October 2014. Nominations received after this date or which have not been routed through the established official channels cannot be considered.
- Administrative and Financial Arrangements:** Nominating Governments will be informed in due course of the names of the candidates who have been selected and will, at that time, be given full details of the procedures to be followed with regard to administrative and financial matters.
- Selected participants from countries eligible to receive technical assistance will be provided with a round trip economy class air ticket from their home countries to Warsaw, Poland, and a stipend sufficient to cover the cost of their accommodation, food, and minor incidentals. Shipment of accumulated training course materials to the participants' home countries is not the responsibility of the IAEA.
- The organizers of the training course do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the training course, and it is clearly understood that each Government, in nominating participants, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.