

Title	Technical Training Programme (TTP) for Station Operators of SPALAX Noble Gas Detector Systems
Objectives	<ul style="list-style-type: none"> • To provide radionuclide station operators with the technical basis and the practical capability to perform repair that may be necessary during the operation of SPALAX Noble Gas Detector Systems. • To provide hands-on training and practical lessons on SPALAX equipment that is important for their maintenance.
Location	Paris, France
Dates	14 - 18 June 2010
Language	English
Point Of Contact (Name, Title, Division, Address - mail, tel., fax, email)	Mr. Belkacem Djermouni Head, Services & Training Unit IDC/CBT, CTBTO Preparatory Commission P.O. Box 1200, A-1400 belkacem.djermouni@ctbto.org, +43 1 26030 6312, +43 1 26030 5973
Participants Profile	Technical staff of IMS radionuclide stations who are responsible for the operation and maintenance of their radionuclide stations.
Application Procedures	Nominations, together with the registration forms should be submitted only through established official channels (their Permanent Missions to the Preparatory Commission for the CTBTO or Ministries of Foreign Affairs) to the PTS Point of Contact above, no later than 30 April 2010. However, pending the official nomination, the participant may fax the registration upon its approval by a director of the institution of firm, to allow timely travel and accommodation arrangements by the PTS.
Registration Form	
Deadline for Application	30 April 2010
Financial Information	<p>In accordance with the Staff regulations and Rules and Administrative Directives, the PTS will provide a daily subsistence allowance (DSA) and financial support to cover travel costs.</p> <ul style="list-style-type: none"> •The DSA will be sufficient to cover accommodation and related expenses during the training program. •The PTS travel agent will reserve, issue and send the tickets to the participants for the most directly and economic route. •Participants may, under exceptional circumstances, be authorized to purchase their ticket locally, but only if this proves to be the most cost efficient for the PTS and has been authorized by the PTS in advance.

<p>Agenda</p>	<ul style="list-style-type: none"> • Introduction into station operations and overview of the Station Specific Operator’s Manual (SSOM). • Non-routine operations and use of the SPALAX system software, including: <ul style="list-style-type: none"> o Operational principles of the noble gas system and its control via the SPALAX software; o Explanation and use of routine and non routine sequences; o Use of the System’s user manual. • Detector and gas volume measurement calibration and checks, including <ul style="list-style-type: none"> o Detector calibration principles and processes; o Calibration and check of the gas quantification system. • Maintenance and troubleshooting actions and activities, including <ul style="list-style-type: none"> o Filter and membrane exchanges; o Replacement of ovens, exchange of sensors, refilling refrigerant to the detector cooler; • Practical or mock exercises, to demonstrate preventive maintenance and troubleshooting actions, and detector system warming and cooling techniques.
<p>Other Pertinent Information</p>	<ol style="list-style-type: none"> 1. The training program is open only for Station Operators from invited countries. 2. Accommodation: The PTS will organize accommodation for the participants. Participants will be expected to pay for their hotel stay out of their DSA that they receive from a representative of the PTS upon their arrival at the training program venue. 3. Insurance: All participants shall be covered under the Global Medical Insurance scheme for the PTS trainees under third party liability insurance.