

TRAINING COURSES ON RADIATION PROTECTION

1- INTRODUCTION:

Training in the field of Protection against Ionizing Radiation and safety of radiation sources is one of the main activities of the Technology Experts Company (TEC). The company has got the authorization from the regulatory authority (KACST), & from general authority for tech. education & occupational training for carrying out this training. Some of the training courses which are offered by Tech. Experts in the field are:

2- COURSES IN RADIATION PROTECTION:

a- Courses for qualification of RPO:

This course is assigned to qualify Radiation Protection Officers (RPO) to get personal licensing from the regulatory authority to act as RPO, in installations, dealing with radiation sources in the following practices:

- **Industrial radiography.**
- **Nuclear gauging.**
- **Scientific research & education.**
- **Radiotherapy.**
- **Nuclear medicine.**
- **x-ray radiology.**
- **Irradiation facilities**
- **Well logging.**
- **Safe transport of radioactive material.**

The courses (see table 1) are held in Arabic & English languages, each of 45 hours lessons. In addition 2-3 h. Are added for some specialties, separately.

Additional courses may be held for installations at their location, provided that the course expenses will be covered by this installation. Due to the high standard of the teaching staff and their long experience in radiation protection the rate of success in the qualifying exam for our participants is the highest.

b- Training Courses in (RP) for radiation workers:

Since the Saudi national regulations require proper training of radiation workers & operators in Radiation Protection (RP) prior to permitting them to work with radiation, (TEC) is conducting training courses for these workers in the practical aspects of radiation protection in the mentioned practices in the previous paragraph. The training is conducted on job with devices and equipments used by the workers or operators. The duration of the courses varies between 18 and 30 hours depending on the type of practice.

c- Training courses for management staff:

The Saudi national regulations, also require that high management staff of installations, which deal with radiation sources should attend a training course assigned for this staff, before licensing the practice. (TEC) is also authorized to conduct this training course, which is held at the installation itself, for not less than 9 hours.

d- Awareness courses in (RP):

These courses are tailored in accordance with the levels of participants and requirements. It deals with different application of ionizing radiation and radioactive materials.

d- Course on radiation survey and wipe tests:

The course is dedicated to practical training on dose & dose rate measurements, surveying different radiation fields and measurements of radioactive contamination and conduction of wipe tests.

Other courses on radiation protection & safety of radiation sources may be designed and tailored upon request of the users of the radiation sources.

Any other training courses, in radiation protection, safe handling of radiation sources, and safe transport of radioactive material.

**TABLE 1: SCHEDULED TRAINING COURSES ON RADIATION PROTECTION
FOR QUALIFYING (RPO), DURING JULY & AUGUS, 2016**

No	The course Title	Course dates		Duration (hours)	(SR) Per person
1	53 rd Arabic course at Khobar	Sun. July, 24, 2016	Thu, July, 28, 2016	From 7:30 am to 5:30 pm	3250
2	48 th (English) course at Khobar	Sun, July, 31, 2016	Thu, Aug, 04, 2016	From 7:30 am to 5:30 pm	3250
3	54 th Arabic course at Riyadh	Sun. Aug,07, 2016	Thu, Aug, 11, 2016	From 7:30 am to 5:30 pm	3250
KACARE EXAM for RPO is to be on, Aug, 13, 2016 at Riyadh					

- 1- Arabic and English courses which will be held at Al-Khobar will be at Al-Gosaibi hotel. And the additional Arabic course will be held at Riyadh
- 2- Lunch will be offered daily due to the full day study (from 7:30 AM up to 5:30 PM, daily. Refreshments and breakfast will be, also, offered free.
- 3- Other courses may be conducted by request of the installation, at any location convenient to this installation, provided that the number of participants is not less than 12.

For discussing all your technological needs or for getting more information, Please contact any of our branches at the following telephones and address:

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