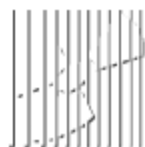


Four Dimension Education, Training & Management Consultancy

in partnership with

EKOTEH Dosimetry Radiation Protection Co.



ekoteh  
DOZIMETRIJA  
D.O.O. ZA ZAŠTITU OD ZRAČENJA

## APPROVED FOR:

- ✓ Individual monitoring
- ✓ Quality Control of ionizing radiation sources
- ✓ Quality Control of non-ionizing radiation sources
- ✓ Preparation of Radiation Protection Programs
- ✓ Education and Training in radiation protection
- ✓ Safety Assessments and Risk Analysis

# RADIATION PROTECTION

4Dimension UAE is proud to announce its collaboration with EKOTEH Dosimetry Radiation Protection Co. (EKOTEH) the company founded in 1990 for providing specific expert services related to ionizing and non-ionizing radiation including radiation protection.

EKOTEH has been granted special approval to conduct expert services in radiation protection field and the authorization to render technical services involving ionizing radiation sources. In 2000 EKOTEH has been granted approval to render full range of expert services in radiation protection field by the Nuclear Regulatory Body.

Since 2009 EKOTEH has been accredited by the Croatian Accreditation Agency according to the standard HRN EN ISO/IEC 17025 for testing in the field of ionizing and non-ionizing radiation.

17025 · HAA



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## SERVICES

### RADIATION PROTECTION

- Individual Monitoring
- QC of Ionizing Radiation Sources
- Testing of Optical Radiation
- Education and Training



For more information, please contact:

**FOUR DIMENSION EDUCATION,  
TRAINING & MANAGEMENT  
CONSULTANCY**

PO BOX 33771, Abu Dhabi, UAE

TEL: +971 2 6772216

FAX: +971 2 6772217

EMAIL: info@4d-uae.com

WEB: www.4d-uae.com



### TECHNICAL SERVICES

- Import, Export and Transport
- Dismantling of Radioactive Sources
- Consultancy/Shielding/RP Programs
- Applying for FANR Approvals





## INDIVIDUAL MONITORING

Rendering service of individual monitoring to various customers who need this service for their exposed workers. We currently issue and process 50.000 radiation dosimeters a year. Our customers come from many sectors—diagnostic and radiotherapy, veterinary, dental, well logging, industrial radiography, gauges and research—and range in size from a few monitored persons to a few hundreds. For the service our customers can plan number of monitored workers on monthly, bi-monthly or quarterly basis during a year, according to their business needs. Exchange of data is ensured via internet.

## QC OF RADIATION SOURCES

We are providing the service of regular (12 months) Quality Control of ionizing radiation sources including: **1.** Diagnostic X-ray devices in medicine **2.** Electric devices generating radiation and accelerators for radiotherapy. **3.** Nuclear medicine, laboratories and other units intended for work with unsealed radioactive sources. **4.** Sealed radioactive sources used for radiotherapy in medicine. **5.** X-ray devices for non-destructive testing, control of baggage and packages, devices for analytical and processing control **6.** Sealed radioactive sources in non-destructive testing (Industrial radiography), well logging, gauging devices and calibration **7.** Consumer products—ionizing smoke detectors etc.



## TESTING OF OPTICAL RADIATION

We offer regular (12 months) testing of UV radiation, i.e. sun beds and phototherapy devices according to the method PO 5.4.1-03 designed in EKOTEH and accredited by Croatian Accreditation Agency.

## FUTURE DEVELOPMENT

We have access to expert advice on full range of radiological protection. We strive to build a strong communication between our customers and staff. We are tailoring our service to customers' needs, and strive to improve and upgrade methods we are using today, build up capacities and meet demands of the customers by expanding the scope of our services and activities.



## IMPORT, EXPORT AND TRANSPORT

We have the capacity to organize export, import and transport of radioactive sources for customers possessing authorization for practices involving ionizing radiation sources. Our experts are well trained to handle radioactive material and have license according to ADR (European Agreement for the Transport of Dangerous Goods by Road).

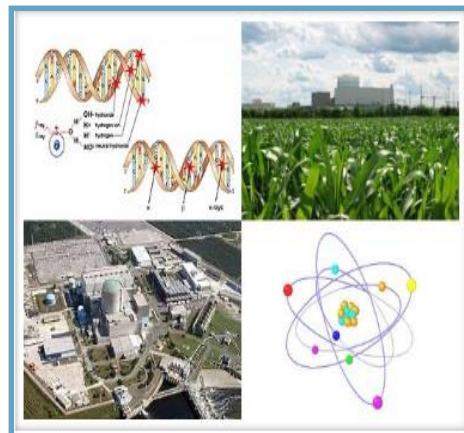


## DISMANTLING AND MANAGEMENT OF DISUSED RADIOACTIVE SOURCES

We are authorized for dismantling and handling or replacing of disused radioactive sources from lightning preventers, NDT devices, gauges and other devices and facilities containing radioactive material. We offer assistance to our customers to properly manage their disused radioactive sources according to the UAE legislation.

## EDUCATION & TRAINING

We are offering UAE based training in radiation safety according to the FANR and IAEA guidance for the syllabus, having over 15 years of experience in delivering lectures in radiation protection to exposed workers and radiation protection officers in the fields of diagnostic radiology, radiotherapy, nuclear medicine, industrial radiography, well logging, gauges, security screening and research.



## FANR AUTHORIZATIONS

We are offering support in obtaining FANR authorizations in preparation of the application including radiation protection program, safety assessment, planning shielding and implementing regular independent audits of the radiation protection program.

TECHNICAL SERVICES



For more information, please contact:

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PO BOX 33771, Abu Dhabi, UAE

TEL: +971 2 6772216 FAX: +971 2 6772217

EMAIL: [info@4d-uae.com](mailto:info@4d-uae.com) WEB: [www.4d-uae.com](http://www.4d-uae.com)