

Radiation Protection Officer

Industrial Radiography

(in Dutch TMS IR)

Dates: January 7, 8, 16, 21, 28, 2020

Exam: February 3, 2020

Course hours: 09.00-17.00 h

Location: Reactor Institute Delft
Mekelweg 15, 2629 JB Delft

Costs: € 1940,- (no VAT required)
including course materials, coffee/tea and lunches

Course description:

This course is meant for supervising radiation officers in the industrial radiography. This will mainly concern tasks as 'non-destructive research' and modifying products (radiographic inspection of food), and exploration research (as in the oil and gas industry).

These are application with highly active sealed sources (HASS) or X ray devices (about 300kV) for screening.

During this course the principles and risks of exposure to ionising radiation will be presented. Besides that also the following skills will be discussed prominently:

- Responsibilities and attitude
- Reporting and incidents
- Case histories/Real life examples
- Communication and perception
- Composition KeW file and the risk analysis

Course materials:

At the beginning of the course you will receive a folder to file all hand-outs of the powerpoint slides, a Casio fx-82 solar calculator, a practical work manual and a set of practice exams. As MS rekenmachine, een handleiding voor het practicum en een set oefenexamens.

As referencebook you will receive the theorybook "Practical Radiation".

Exam and diploma

The course ends with an exam consisting of 50 multiple choice questions in which both ready knowledge and the skills of solving simplified radiation protection problems are tested. When you pass this exam, you will receive the nationally recognised diploma Radiation Protection Officer Industrial Radiography (in Dutch Toezichhoudend Medewerker Stralingsbescherming Industriële Radiografie).