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## Who are we?

NDT MainCal Ltd is recognised by the Health and Safety Executive (HSE) as a Radiation Protection Advisory Body under the requirements of the Ionising Radiations Regulations 2017 (IRR17).

Mr. Simon Wright is the Principle Radiation Protection Advisor (RPA) and Managing Director of NDT MainCal Ltd.

NDT MainCal Ltd employ a number of radiation protection specialists who provide consultancy, training and carry out audits in line with current legislation. We do this nationwide, so no matter where you are located, we are on hand to support you.

## What do we do, how do we do it and why we do it?

Whether you are a user of XRF analysers for material identification, gamma isotopes for industrial radiography or simply a transporter of radioactive packages, then NDT MainCal Ltd can offer the support you require. Our support services include relevant bespoke training, assistance with the preparation of radiation risk assessments and local rules and any recording templates required to comply with the statutory requirements of IRR17 and the Health and Safety at Work Act 1974.

Every radiation employer will require to consult with and appoint a suitable RPA in accordance with IRR17 and it is a pre-condition when registering or applying for consent with the HSE or ONR (Office for Nuclear Regulation) when using your equipment for the first time.

Should you wish to appoint NDT MainCal Ltd as your RPA, then in the first instance, contact should be made to [rpa@maincal.com](mailto:rpa@maincal.com) who will discuss your requirements and provide you with a letter outlining our scope of RPA services, along with a letter of appointment to be completed and returned to us.

NDT MainCal Ltd also offer expertise ranging from the design of radiation enclosures (including shielding calculations), to the design and upgrade of the radiation safety system, to the requirements of the critical examination. Our services extend to providing advice and guidance on the requirements of suitable radiation monitors and personal dosimetry.

As part of our standard service, you will receive one advisory visit at your premises where advice and consultancy is offered with the outcome / results presented as a formal report giving you practical guidance and advice with regard to statutory compliance. Should you require it, you have access to our specialist team for any queries or support throughout your contracted period, whether it

is assistance with statutory compliance, procedures or advice relevant to HSE compliance visits, we have you covered.

## Why do I need training and who should receive it?

It is the duty of every 'employer' to ensure their employees receive adequate training to ensure they understand the risks of ionising radiation. Our radiation protection training packages are tailored to your equipment and fulfils the requirements of IRR17. NDT MainCal Ltd can assist with identifying the correct type and level of training and deliver such training whether it be to radiographers, management or other members of staff who may not have direct involvement with ionising radiation but may require a basic understanding of the risks and relevant safety precautions.

## What training do we provide?

- Radiation Protection Supervisor (RPS)
- Basic Radiation Safety (BRS)
- Sealed 'Source Recovery Training' (SRT)
- General transport training of radioactive materials

NDT MainCal Ltd offer training with regard to the following types of equipment covering where applicable the requirements of IRR17 Reg 13, 15 & 18, HSE information Sheet No 6, CDG09, ADR17 & EPR16.

- XRD/XRF (Handheld/Bench mounted/Stand-alone Analysers)
- X-ray and gamma equipment (High Activity Sealed Sources)
- Open radioactive isotopes
- Conveyor type Security/baggage X-ray scanners
- Postal type security X-ray cabinets

## Other Services

NDT MainCal Ltd are an approved calibration centre, offering competitive prices to ensure your radiation monitoring equipment is tested and calibrated in line with the requirements of IRR17. We are also an approved supplier of Tracerco radiation monitoring equipment giving you very competitive prices.

## What does the future hold for our clients?

NDT MainCal Ltd are a successful and growing business, our ambition is to offer the services of the Dangerous Goods Safety Advisor (DGSA) providing specialist advice for class 7 radioactive goods. A DGSA is required when an employer transports radioactive packages at a rate of more than twice per month. This support will be available in the very near future! Please enquire for further information.