

STATEMENT OF ATTAINMENT FOR: **(CHEST AND EXTREMITIES – TRAINEE)**

Name:

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Address:

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Profession:

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Location where used:

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I hereby certify that, in my opinion as a professional diagnostic radiographer, the abovementioned person has sufficient knowledge and skills in the following areas to commence performing diagnostic radiography in the areas covered by the chest and extremities licence, as a trainee.

- Anatomy**
Ability to identify the major bones and bony landmarks involved in radiography of the chest and extremities.

- Properties of X-rays and X-ray equipment**
Basic knowledge of the properties of X-rays, the control factors affecting the X-ray beam, and the operation of the types of equipment encountered in rural and remote areas.

- Radiation protection**
Basic knowledge of the effects of ionising radiation, the principles of radiation protection and personal radiation monitoring.

- Legislative requirements and medico-legal issues**
Basic knowledge of requirements relevant to licensing of persons under the *Radiation Safety Act 1999* to perform diagnostic radiography, duty of care, clinical consequences of poor radiography for the patient and the legal consequences for the operator.

- X-ray film, intensifying screens, darkroom procedures and film processing**
Basic understanding of the structure and function of X-ray film and intensifying screens, darkroom design and safety and automatic film processing.

- Radiographic technique**
Understanding of the terminology used in radiography, radiographic equipment and accessories, the factors affecting image quality, the conduct of a radiographic examination and record keeping.

- Exposure standardisation**
Understanding how the radiographic factors (kVp, mA, time, focus-film distance) affect the quality of a radiograph and how to alter these factors to accommodate differences in patient size, the use of grids and the application of plaster.

- Positioning techniques**
Appreciation of the positioning techniques required to produce diagnostic radiographs of the chest and extremities.

- Image artefacts**
Appreciation of film faults and the errors that produce them in relation to X-ray technique and processing.

- Use of computerised radiography equipment**
Demonstrated ability to use CR equipment to produce a plain image, perform any post processing necessary, store the image on CD and hard drive and transfer it electronically to another site for assessment by a medical practitioner.

I therefore recommend that this person be considered eligible for a **chest and extremities trainee licence**.

Signature: _____ Date: _____
(diagnostic radiographer approved by the Director, Radiation Health):

Licence No: _____