



# **Radiological Protection Training with Virtual Reality Equipment**



# How does it works ?

1

**Method statement covering the task is given to the candidates to read and discuss strategy.**

2

**Dressing procedure prior to entry into the area to familiarize the user**

3

**Radiation Survey to determine radiological conditions**

4

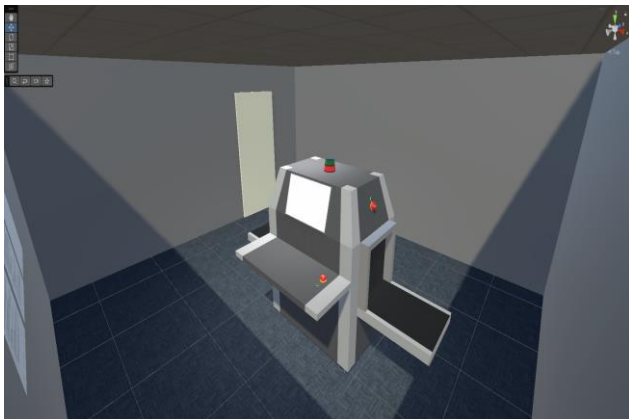
**Complete Tasks: Blue, Red, Green with the lowest dose possible**



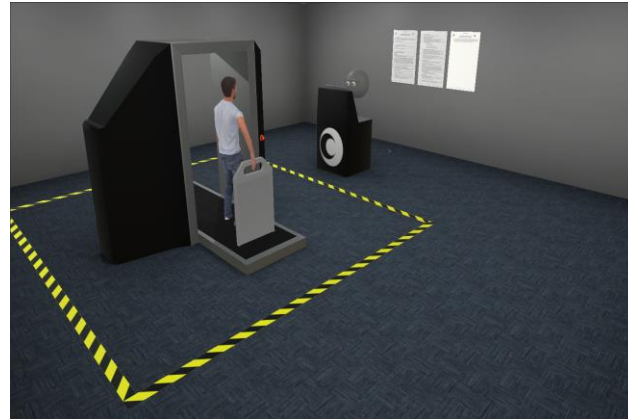
Nuclear Power Plant



Nuclear Power Plant



X-Ray Baggage Scanner



X-Ray Body Scanner

**CERAP UK** is currently delivering training with 2 Virtual Reality Scenarios :

- Nuclear Power Plant
- X-Ray Equipment

**Benefits** of this technology :

- Put into practice the theory you have learnt
- Work in immersive situations, increasing trainees' awareness of radiological hazards
- Enhance team performance by creating collaborative training experiences

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***Do you need training for specific environment ?***

We can develop new scenarios according to your needs.

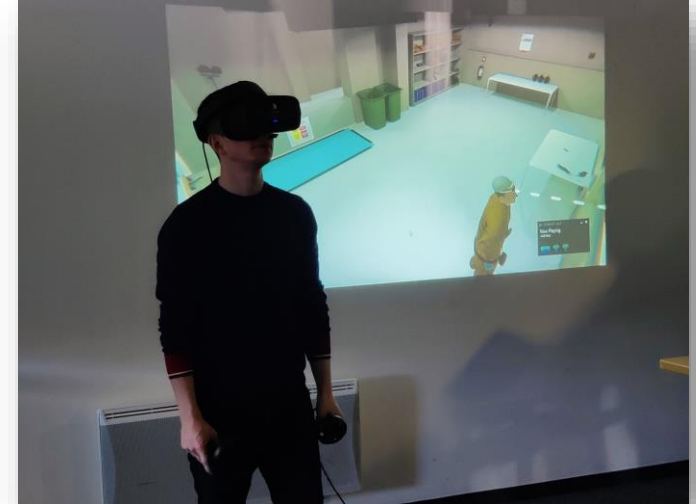
# How the RAD training product works ?

The RAD training product is designed via a game system that allows us to create custom scenarios and environments.

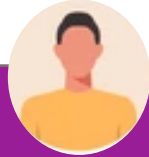
The RAD training software is a co-operative experience:- one person will be immersed in the environment via a VR headset.

While the rest of the team will monitor their movements and direct actions via a CCTV system on the accompanying laptop provided.

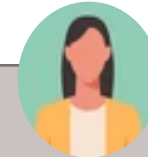
The laptop display can be routed to TV displays in the training room.



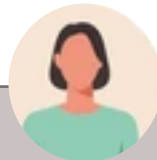
# Customer Feedback



*Gives you a real experience in a  
Radiation controlled area*



*Puts you in a real scenario  
without the risk*



*It sticks in your head; the hands-on  
training really helps !*



*Trainees can practice in a safe  
environment to gain experience  
prior to real world risks*

# Thank you.

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Visit us at  
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