

Competence		4.3. Nuclear Weapon Effects, Performance and Effectiveness	
I need to know:		How to assess the effects of nuclear weapons on equipment, people and infrastructure and how to assess performance and effectiveness of the nuclear weapon systems.	
I demonstrate effective performance by:			
<ul style="list-style-type: none"> Being able to explain the basic damage mechanisms that nuclear weapon systems apply to equipment, people and infrastructure, and performing credible assessments. Being able to explain the factors such as accuracy, reliability, yield and nuclear weapon system information that together describe the performance of a nuclear weapon system, and making credible decisions for operational planning and effectiveness studies. Describing the factors that contribute to assessment of nuclear weapon system effectiveness (including battle modelling, fratricide, weapon interactions with targets and collateral infrastructure), and making credible decisions based on the effectiveness data for operational planning. Describing how environmental and external stimuli affect nuclear weapon system effectiveness and performance, and making credible decisions based on these. 		<p>← effects</p> <p>← performance</p> <p>← effectiveness</p>	
I have to know and understand:			
<ul style="list-style-type: none"> The science and engineering principles of nuclear weapon effects, performance and effectiveness. The relevant policy, requirements and guidance that support nuclear weapon effectiveness and performance, including <ul style="list-style-type: none"> The information taught on the AWE Technical Assessment Modules (TAMs). Targeting information held at the UK Software Facility. 		M	
My Self-assessment of Knowledge and Experience		K	E
My Overall Knowledge and Experience Ratings			
My Competence Level			