WORK ROLE: 04AM

WORKROLE TITLE: Information Assurance Officer

WORKROLE DESCRIPTION:
 Information Assurance Officers ensure the confidentiality, integrity, availability, authentication, and non-repudiation
 of NGA¿s information and information systems. They apply technical expertise from a variety of backgrounds to provide a
 multi-layered Defense-in-Depth approach to protection of NGA¿s critical infrastructure and production capabilities. They
 monitor information systems and networks to strengthen access controls, detect unauthorized access attempts, and ensure
 compliance with national, IC, and Agency Automated Information System security policy and directives.

COMPETENCIES/KNOWLEDGES:
 Skills

Access Control	Adaptability	Courage
Creative Thinking	Customer Service	Engaging and Collaborating
Ethics	Exploring Alternatives	Influencing
Information Assurance	Information Dissemination	Initiative
Interpersonal Skills	Investigation & Inquiries	Learning
Multi-media Communication	Oral Communication	Organizational Representation
Process Analysis & Improvement	Quality Assurance	Records Management
Research/Information Gathering	Resource Management	Risk Management
Security Information Mgt	Situational Awareness	Standards/Policies Management
Synthesis	System Measurement	Written Communication

 Knowledges

Anti-virus (AV)	Communications Securty -COMSEC	Comp opr sys-capab & concepts
Computer sys & netwk security	Computer testing	Desktop systems
Information sys security (ISS)	Intrusion detection (IDS)	NGA int coord&approval process
NGA internet architecture	NGA mission, vision, etc.	NGA organizational structure
NGA policies & procedures	NGA security plcy & prcds	Online search techniques
Perimeter defense (PD)	Public key infrastructur (PKI)	Security class and control
State-of-the-art computer tech	System testing principles	Telecommunications equipment
Utilities software application	Vulnerability assessment (VA)	

EDUCATION/LICENSES/CERTIFICATIONS:
 Information Assurance Certifications in accordance with DoD Directive 8570.1.

ENVIRONMENTAL/PHYSICAL REQUIREMENTS: