

# SVA Instrument

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## **Name of Instrument**

Security Vulnerability Assessment & Alternative Security Program submitted in lieu of the Security Vulnerability Assessment

## **Scope of Instrument**

- (1) Asset Characterization, which includes the identification and characterization of potential critical assets; identification of hazards and consequences of concern for the facility, its surroundings, its identified critical asset(s), and its supporting infrastructure; and identification of existing layers of protection;
- (2) Threat Assessment, which includes a description of possible internal threats, external threats, and internally-assisted threats;
- (3) Security Vulnerability Analysis, which includes the identification of potential security vulnerabilities and the identification of existing countermeasures and their level of effectiveness in both reducing identified vulnerabilities and in meeting the applicable Risk-Based Performance Standards;
- (4) Risk Assessment, including a determination of the relative degree of risk to the facility in terms of the expected effect on each critical asset and the likelihood of a success of an attack; and
- (5) Countermeasures Analysis, including strategies that reduce the probability of a successful attack or reduce the probable degree of success, strategies that enhance the degree of risk reduction, the reliability and maintainability of the options, the capabilities and effectiveness of mitigation options, and the feasibility of the options.

## **Example of DHS Form used within the scope of this instrument**

This instrument collects both SVAs and ASPs submitted in lieu of an SVA. Attached are a few pages of DHS Form 9015 that is used to standardize the collection of this instrument. DHS Form 9015 identifies most, but not all of the data routinely collected under this instrument. Current version of DHS Form 9015 may be found at [www.dhs.gov/chemicalsecurity](http://www.dhs.gov/chemicalsecurity).