

(3) To update or validate an MRS priority that was previously assigned based on evaluation of only one or two of the three hazard evaluation modules.

(4) Upon further delineation and characterization of an MRA into MRS.

(5) To categorize any MRS previously classified as "evaluation pending."

§ 179.6 Procedures.

The Protocol is comprised of the following three hazard evaluation modules.

(a) *Explosive Hazard Evaluation (EHE) Module*. (1) The EHE module provides a single, consistent, DoD-wide approach for the evaluation of explosive hazards. This module is used when there is a known or suspected presence of an explosive hazard. The EHE module is composed of three factors, each of which is comprised of two to four data elements that are intended to assess the specific conditions at an MRS. These factors are:

(i) *Explosive hazard*, which has the data elements *Munitions Type and Source of Hazard* (see Appendix A to this part, Tables 1 and 2) and comprises 40 percent of the EHE module score.

(ii) *Accessibility*, which has the data elements *Location of Munitions, Ease of Access, and Status of Property* (see Appendix A to this part, Tables 3, 4, and 5) and comprises 40 percent of the EHE module score.

(iii) *Receptors*, which has the data elements *Population Density, Population Near Hazard, Types of Activities/Structures, and Ecological and/or Cultural Resources* (see Appendix A to this part, Tables 6, 7, 8, and 9) and comprises 20 percent of the EHE module score.

(2) Based on MRS-specific information, each data element is assigned a numeric value, and the sum of these values is the EHE module score. The EHE module score results in an MRS being placed into one of the following ratings (See Appendix A to this part, Table 10):

(i) *Hazard Evaluation A (Highest)* is assigned to MRS with an EHE module score of more than 91.

(ii) *Hazard Evaluation B* is assigned to MRS with an EHE module score between 82 and 91.

(iii) *Hazard Evaluation C* is assigned to MRS with an EHE module score between 71 and 81.

(iv) *Hazard Evaluation D* is assigned to MRS with an EHE module score of between 60 and 70.

(v) *Hazard Evaluation E* is assigned to MRS with an EHE module score of between 48 and 59.

(vi) *Hazard Evaluation F* is assigned to MRS with an EHE module score between 38 and 47.

(vii) *Hazard Evaluation G (Lowest)* is assigned to MRS with an EHE module score less than 38.

(3) There are also three other possible outcomes for the EHE module:

(i) *Evaluation pending*. This category is used when there are known or suspected UXO or DMM, but sufficient information is not available to populate the nine data elements of the EHE module.

(ii) *No longer required*. This category is reserved for MRS that no longer require an assigned priority because DoD has conducted a response, all objectives set out in the decision document for the MRS have been achieved, and no further action, except for long-term management and recurring reviews, is required.

(iii) *No Known or Suspected Explosive Hazard*. This rating is reserved for MRS that do not require evaluation under the EHE module.

(4) The EHE module rating shall be considered with the CHE and RRSE module ratings to determine the MRS priority.

(5) MRS lacking information for determining an EHE module rating shall be programmed for additional study and evaluated as soon as sufficient data are available. Until an EHE module rating is assessed, MRS shall be rated as "evaluation pending" for the EHE module.

(b) *Chemical Warfare Materiel Hazard Evaluation (CHE) Module*. (1) The CHE module provides an evaluation of the chemical hazards associated with the physiological effects of CWM. The CHE module is used only when CWM are known or suspected of being present at an MRS. Like the EHE module, the CHE module is comprised of three factors, each of which is comprised of two to four data elements that are intended to assess the conditions at an MRS.

(i) The *CWM Hazard* factor is comprised of two data elements, *CWM Configuration and Sources of CWM*, and constitutes 40 percent of the CHE score. (See Appendix A to this part, Tables 11 and 12.)

(ii) The *Accessibility* factor focuses on the potential for receptors to encounter the CWM known or suspected to be present on an MRS. This factor consists of three data elements, *Location of CWM, Ease of Access, and Status of Property*, and constitutes 40 percent of the CHE score. (See Appendix A to this part, Tables 13, 14, and 15.)

(iii) The *Receptor* factor focuses on the human and ecological populations that may be impacted by the presence of CWM. It has the data elements *Population Density, Population Near Hazard, Types of Activities/Structures,*

and Ecological and/or Cultural Resources and constitutes 20 percent of the CHE score. (See Appendix A to this part, Tables 16, 17, 18, and 19.)

(2) Similar to the EHE module, each data element is assigned a numeric value, and the sum of these values (*i.e.*, the CHE module score) is used to determine the CHE rating (See Appendix A to this part, Table 20):

(i) *Hazard Evaluation A (Highest)* is assigned to MRS with a CHE score greater than 91.

(ii) *Hazard Evaluation B* is assigned to MRS with a CHE score between 82 and 91.

(iii) *Hazard Evaluation C* is assigned to MRS with a CHE score between 71 and 81.

(iv) *Hazard Evaluation D* is assigned to MRS with a CHE score between 60 and 70.

(v) *Hazard Evaluation E* is assigned to MRS with a CHE score between 48 and 59.

(vi) *Hazard Evaluation F* is assigned to MRS with a CHE score between 38 and 47.

(vii) *Hazard Evaluation G (Lowest)* is assigned to MRS with a CHE score less than 38.

(3) There are also three other potential outcomes for the CHE module:

(i) *Evaluation pending*. This category is used when there are known or suspected CWM, but sufficient information is not available to populate the nine data elements of the CHE module.

(ii) *No longer required*. This category is reserved for MRS that no longer require an assigned priority because DoD has conducted a response, all objectives set out in the decision document for the MRS have been achieved, and no further action, except for long-term management and recurring reviews, is required.

(iii) *No Known or Suspected CWM Hazard*. This category is reserved for MRS that do not require evaluation under the CHE module.

(4) The CHE rating shall be considered with the EHE module and RRSE module ratings to determine the MRS priority.

(5) MRS lacking information for assessing a CHE module rating shall be programmed for additional study and evaluated as soon as sufficient data are available. Until a CHE module rating is assigned, MRS shall be rated as "evaluation pending" for the CHE module.

(c) *Relative-Risk Site Evaluation (RRSE)*. (1) The RRSE, described in the *Relative-Risk Site Evaluation Primer* (Summer 1997, Revised Edition) provides a single, consistent DoD-wide