| **assessment case** | | |
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| ASSESSMENT – Base Control, Part 1 of 1 | | |
| Assessment Information from Special Publication 800-53A Rev. 1 (June 2010) | | |
| **PE-14** | TEMPERATURE AND HUMIDITY CONTROLS | |
| **PE-14.1**  **PE-14.1.1**  **PE-14.1.2**  **PE-14.1.3**  **PE-14.1.4** | **ASSESSMENT OBJECTIVE:**  *Determine if:*   1. *the organization defines the acceptable temperature and humidity levels within the facility where the information system resides;* 2. *the organization* *maintains temperature and humidity levels within the facility where the information system resides in accordance with organization-defined acceptable levels;* 3. *the organization defines the frequency to monitor temperature and humidity levels; and* 4. *the organization* *monitors the temperature and humidity levels within the facility where the information system resides in accordance with the organization-defined frequency.*   **POTENTIAL ASSESSMENT METHODS AND OBJECTS:**  **Examine**: [*select from:* Physical and environmental protection policy; procedures addressing temperature and humidity control; security plan; temperature and humidity controls; facility housing the information system; temperature and humidity controls documentation; temperature and humidity records; other relevant documents or records]. | |
| **Additional Assessment Case Information** | | |
|  | | **POTENTIAL ASSESSMENT SEQUENCING:**  precursor controls: None  concurrent controls: None  successor controls: None |
| **Action Step** | | **Potential Assessor Evidence Gathering Actions**  **\*\*See “**[**Assessment Case Overview**](http://csrc.nist.gov/groups/SMA/fisma/assessment-cases-overview.html)**” for selecting, tailoring and executing action steps\*\*** |
|  | | *\*\*Assessment Case Assessor Note:* More convincing evidence (i.e., greater assurance) of correct implementation and operating as intended can be obtained through the assessment case actions by:   1. **Replacing bracketed values in action gathering statements to apply greater rigor in the assessment** (e.g, . replacing [“*reviewing*”] with “*studying*” or “*analyzing*”; replacing [“*observing*”] with “*inspecting*” or “*analyzing*”; replacing [“*basic*”] with “*focused*” or “*comprehensive*”); 2. **Replacing bracketed values in action gathering statements to apply greater sample coverage in the assessment** (e.g, . replacing [“*basic”*] sample with “*focused*” or “*sufficiently large”* sample); 3. **Defining additional action steps to the list of action steps suggested herein that exercise additional test methods** (i.e., Examine, Interview or Test) on additional assessment objects. |
| **PE-14.1.1.1** | | **Examine** physical and environmental protection policy, procedures addressing temperature and humidity control, security plan, or other relevant documents; [*reviewing*] for the acceptable temperature and humidity levels within the facility where the information system resides. |
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| **PE-14.1.2.1** | | **Examine** physical and environmental protection policy, procedures addressing temperature and humidity control, security plan, or other relevant documents; [*reviewing*] for the measures to be employed to maintain temperature and humidity levels within the facility where the information system resides in accordance with the acceptable levels identified in PE-14.1.1.1. |
| **PE-14.1.2.2** | | **Examine** an agreed-upon [*basic*] sample of temperature and humidity control records, or other relevant records; [*reviewing*] for evidence that the measures identified in PE-14.1.2.1 are being applied. |
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| **PE-14.1.3.1** | | **Examine** physical and environmental protection policy, procedures addressing temperature and humidity control, security plan, or other relevant documents; [*reviewing*] for the frequency for monitoring temperature and humidity levels. |
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| **PE-14.1.4.1** | | **Examine** physical and environmental protection policy, procedures addressing temperature and humidity control, security plan, or other relevant documents; [*reviewing*] for the measures to be employed to monitor the temperature and humidity levels within the facility where the information system resides in accordance with the frequency identified in PE-14.1.3.1 |
| **PE-14.1.4.2** | | **Examine** an agreed-upon [*basic*] sample of temperature and humidity monitoring records, or other relevant records; [*reviewing*] for evidence that the measures identified in PE-14.1.4.1 are being applied. |
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| **ASSESSMENT – Control Enhancement 1** | | |
| **Assessment Information from Special Publication 800-53A Rev. 1 (June 2010)** | | |
| **PE-14(1)** | | TEMPERATURE AND HUMIDITY CONTROLS |
| **PE-14(1).1**  **PE-14(1).1.1** | | **ASSESSMENT OBJECTIVE:**  *Determine if the organization employs automatic temperature and humidity controls in the facility to prevent fluctuations potentially harmful to the information system.*  **POTENTIAL ASSESSMENT METHODS AND OBJECTS:**  **Examine**: [*select from:* Physical and environmental protection policy; procedures addressing temperature and humidity controls; facility housing the information system; automated mechanisms for temperature and humidity; other relevant documents or records].  **Test**: [*select from:* Automated mechanisms implementing temperature and humidity controls]. |
| **Additional Assessment Case Information** | | |
|  | | **POTENTIAL ASSESSMENT SEQUENCING:**  precursor controls: None  concurrent controls: None  successor controls: None |
| **Action Step** | | **Potential Assessor Evidence Gathering Actions** |
| **PE-14(1).1.1.1** | | **Examine** security plan, information system design documentation, temperature and humidity control documentation, or other relevant documents; [*reviewing*] for the automated mechanisms for temperature and humidity controls and associated configuration settings to be employed to prevent fluctuations potentially harmful to the information system. |
| **PE-14(1).1.1.2** | | **Examine** documentation describing the current configuration settings for anagreed-upon [*basic*] sample of the automated mechanisms for temperature and humidity controls identified in PE-14(1).1.1.1; [*reviewing*] for evidence that these mechanisms are configured as identified in PE- 14(1).1.1.1. |
| **PE-14(1).1.1.3** | | **Test** an agreed-upon [*basic*]sample of the automated mechanisms for temperature and humidity controls and associated configuration settings identified in PE-14(1).1.1.1; conducting [*basic*] testing for evidence that these mechanisms are operating as intended. |
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| **ASSESSMENT – Control Enhancement 2** | | |
| **Assessment Information from Special Publication 800-53A Rev. 1 (June 2010)** | | |
| **PE-14(2)** | | TEMPERATURE AND HUMIDITY CONTROLS |
| **PE-14(2).1**  **PE-14(2).1.1** | | **ASSESSMENT OBJECTIVE:**  *Determine if the organization employs temperature and humidity monitoring that provides an alarm or notification of changes potentially harmful to personnel or equipment.*  **POTENTIAL ASSESSMENT METHODS AND OBJECTS:**  **Examine**: [*select from:* Physical and environmental protection policy; procedures addressing temperature and humidity monitoring; facility housing the information system; logs or records of temperature and humidity monitoring; records of changes to temperature and humidity levels that generate alarms or notifications; other relevant documents or records].  **Test**: [*select from:* Temperature and humidity monitoring capability]. |
| **Additional Assessment Case Information** | | |
|  | | **POTENTIAL ASSESSMENT SEQUENCING:**  precursor controls: None  concurrent controls: None  successor controls: None |
| **Action Step** | | **Potential Assessor Evidence Gathering Actions** |
| **PE-14(2).1.1.1** | | **Examine** physical and environmental protection policy, procedures addressing temperature and humidity controls, security plan, or other relevant documents; [*reviewing*] for the temperature and humidity monitoring capability to be employed to provide an alarm or notification of changes potentially harmful to personnel or equipment. |
| **PE-14(2).1.1.2** | | **Examine** an agreed-upon [*basic*] sample of records of changes to temperature and humidity levels that generate alarms or notification; [*reviewing*] for evidence that the temperature and humidity monitoring capability identified in PE-14(2).1.1.1 is being applied. |
| **PE-14(2).1.1.3** | | **Interview** an agreed-upon [*basic*] sample of organizational personnel who receive notification of temperature and humidity changes; conducting [*basic*] discussions for further evidence that the temperature and humidity monitoring capability identified in PE-14(2).1.1.1 is being applied. |