

Minerals Management Service, Interior

§ 285.706

§ 285.704 [Reserved]

CERTIFIED VERIFICATION AGENT

§ 285.705 When must I use a Certified Verification Agent (CVA)?

You must use a CVA to review and certify the Facility Design Report, the Fabrication and Installation Report, and the Project Modifications and Repairs Report.

(a) You must use a CVA to:

(1) Ensure that your facilities are designed, fabricated, and installed in conformance with accepted engineering

practices and the Facility Design Report and Fabrication and Installation Report;

(2) Ensure that repairs and major modifications are completed in conformance with accepted engineering practices; and

(3) Provide MMS immediate reports of all incidents that affect the design, fabrication, and installation of the project and its components.

(b) The MMS may waive the requirement that you use a CVA if you can demonstrate the following:

If you demonstrate that...	Then MMS may waive the requirement for a CVA for the following:
(1) The facility design conforms to a standard design that has been used successfully in a similar environment, and the installation design conforms to accepted engineering practices.	The design of your structure(s).
(2) The manufacturer has successfully manufactured similar facilities, and the facility will be fabricated in conformance with accepted engineering practices.	The fabrication of your structure(s).
(3) The installation company has successfully installed similar facilities in a similar offshore environment, and your structure(s) will be installed in conformance with accepted engineering practices.	The installation of your structure(s).
(4) Repairs and major modifications will be completed in conformance with accepted engineering practices.	The repair or major modification of your structure(s).

(c) You must submit a request to waive the requirement to use a CVA to MMS in writing, along with your SAP under § 285.610(a)(9), COP under § 285.626(b)(20), or GAP under § 285.645(c)(5).

(1) The MMS will review your request to waive the use of the CVA and notify you of our decision along with our decision on your SAP, COP, or GAP.

(2) If MMS does not waive the requirement for a CVA, you may file an appeal under § 285.118.

(3) If MMS waives the requirement that you use a CVA, your project engineer must perform the same duties and responsibilities as the CVA, except as otherwise provided.

§ 285.706 How do I nominate a CVA for MMS approval?

(a) As part of your COP (as provided in § 285.626(b)(20) and, when required by

this part, your SAP (§ 285.610(a)(9)) or GAP (§ 285.645(c)(5)), you must nominate a CVA for MMS approval. You must specify whether the nomination is for the Facility Design Report, Fabrication and Installation Report, Modification and Repair Report, or for any combination of these.

(b) For each CVA that you nominate, you must submit to MMS a list of documents used in your design that you will forward to the CVA and a qualification statement that includes the following:

(1) Previous experience in third-party verification or experience in the design, fabrication, installation, or major modification of offshore energy facilities;

(2) Technical capabilities of the individual or the primary staff for the specific project;

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(3) Size and type of organization or corporation;

(4) In-house availability of, or access to, appropriate technology (including computer programs, hardware, and testing materials and equipment);

(5) Ability to perform the CVA functions for the specific project considering current commitments;

(6) Previous experience with MMS requirements and procedures, if any; and

(7) The level of work to be performed by the CVA.

(c) Individuals or organizations acting as CVAs must not function in any capacity that will create a conflict of interest, or the appearance of a conflict of interest.

(d) The verification must be conducted by or under the direct supervision of registered professional engineers.

(e) The MMS will approve or disapprove your CVA as part of its review of the COP or, when required, of your SAP or GAP.

(f) You must nominate a new CVA for MMS approval if the previously approved CVA:

(1) Is no longer able to serve in a CVA capacity for the project; or

(2) No longer meets the requirements for a CVA set forth in this subpart.

§ 285.707 What are the CVA's primary duties for facility design review?

If you are required to use a CVA:

(a) The CVA must use good engineering judgment and practices in conducting an independent assessment of the design of the facility. The CVA must certify in the Facility Design Report to MMS that the facility is designed to withstand the environmental and functional load conditions appropriate for the intended service life at the proposed location.

(b) The CVA must conduct an independent assessment of all proposed:

(1) Planning criteria;

(2) Operational requirements;

(3) Environmental loading data;

(4) Load determinations;

(5) Stress analyses;

(6) Material designations;

(7) Soil and foundation conditions;

(8) Safety factors; and

(9) Other pertinent parameters of the proposed design.

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(c) For any floating facility, the CVA must ensure that any requirements of the U.S. Coast Guard for structural integrity and stability (e.g., verification of center of gravity), have been met. The CVA must also consider:

(1) Foundations, foundation pilings and templates, and anchoring systems; and

(2) Mooring or tethering systems.

§ 285.708 What are the CVA's or project engineer's primary duties for fabrication and installation review?

(a) The CVA or project engineer must do all of the following:

(1) Use good engineering judgment and practice in conducting an independent assessment of the fabrication and installation activities;

(2) Monitor the fabrication and installation of the facility as required by paragraph (b) of this section;

(3) Make periodic onsite inspections while fabrication is in progress and verify the items required by § 285.709;

(4) Make periodic onsite inspections while installation is in progress and satisfy the requirements of § 295.710; and

(5) Certify in a report that project components are fabricated and installed in accordance with accepted engineering practices; your approved COP, SAP, or GAP (as applicable); and the Fabrication and Installation Report.

(i) The report must also identify the location of all records pertaining to fabrication and installation, as required in § 285.714(c); and

(ii) You may commence commercial operations or other approved activities 30 days after MMS receives that certification report, unless MMS notifies you within that time period of its objections to the certification report.

(b) To comply with paragraph (a)(5) of this section, the CVA or project engineer must monitor the fabrication and installation of the facility to ensure that it has been built and installed according to the Facility Design Report and Fabrication and Installation Report.

(1) If the CVA or project engineer finds that fabrication and installation procedures have been changed or design specifications have been modified, the