

§ 585.709

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(4) Make periodic onsite inspections while installation is in progress and satisfy the requirements of § 585.710; 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 § 585.714(c); and

(ii) You may commence commercial operations or other approved activities 30 days after BOEM receives that certification report, unless BOEM 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 CVA or project engineer must inform you; and

(2) If you accept the modifications, then you must also inform BOEM.

§ 585.709 When conducting onsite fabrication inspections, what must the CVA or project engineer verify?

(a) To comply with § 585.708(a)(3), the CVA or project engineer must make periodic onsite inspections while fabrication is in progress and must verify the following fabrication items, as appropriate:

(1) Quality control by lessee (or grant holder) and builder;

(2) Fabrication site facilities;

(3) Material quality and identification methods;

(4) Fabrication procedures specified in the Fabrication and Installation Report, and adherence to such procedures;

(5) Welder and welding procedure qualification and identification;

(6) Structural tolerances specified, and adherence to those tolerances;

(7) Nondestructive examination requirements and evaluation results of the specified examinations;

(8) Destructive testing requirements and results;

(9) Repair procedures;

(10) Installation of corrosion-protection systems and splash-zone protection;

(11) Erection procedures to ensure that overstressing of structural members does not occur;

(12) Alignment procedures;

(13) Dimensional check of the overall structure, including any turrets, turret-and-hull interfaces, any mooring line and chain and riser tensioning line segments; and

(14) Status of quality-control records at various stages of fabrication.

(b) For any floating facilities, the CVA or project engineer 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 or project engineer must also consider:

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

(2) Mooring or tethering systems.

§ 585.710 When conducting onsite installation inspections, what must the CVA or project engineer do?

To comply with § 585.708(a)(4), the CVA or project engineer must make periodic onsite inspections while installation is in progress and must, as appropriate, verify, witness, survey, or check, the installation items required by this section.

(a) The CVA or project engineer must verify, as appropriate, all of the following:

(1) Loadout and initial flotation procedures;

(2) Towing operation procedures to the specified location, and review the towing records;

(3) Launching and uprighting activities;

(4) Submergence activities;

(5) Pile or anchor installations;

(6) Installation of mooring and tethering systems;

(7) Final deck and component installations; and

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(8) Installation at the approved location according to the Facility Design Report and the Fabrication and Installation Report.

(b) For a fixed or floating facility, the CVA or project engineer must verify that proper procedures were used during the following:

(1) The loadout of the jacket, decks, piles, or structures from each fabrication site; and

(2) The actual installation of the facility or major modification and the related installation activities.

(c) For a floating facility, the CVA or project engineer must verify that proper procedures were used during the following:

(1) The loadout of the facility;

(2) The installation of foundation pilings and templates, and anchoring systems; and

(3) The installation of the mooring and tethering systems.

(d) The CVA or project engineer must conduct an onsite survey of the facility after transportation to the approved location.

(e) The CVA or project engineer must spot-check the equipment, procedures, and recordkeeping as necessary to determine compliance with the applicable documents incorporated by reference and the regulations under this part.

§ 585.711 [Reserved]

§ 585.712 What are the CVA's or project engineer's reporting requirements?

(a) The CVA or project engineer must prepare and submit to you and BOEM all reports required by this subpart. The CVA or project engineer must also submit interim reports to you and BOEM, as requested by the BOEM.

(b) For each report required by this subpart, the CVA or project engineer must submit one electronic copy and one paper copy of each final report to BOEM. In each report, the CVA or project engineer must:

(1) Give details of how, by whom, and when the CVA or project engineer activities were conducted;

(2) Describe the CVA's or project engineer's activities during the verification process;

(3) Summarize the CVA's or project engineer's findings; and

(4) Provide any additional comments that the CVA or project engineer deems necessary.

§ 585.713 What must I do after the CVA or project engineer confirms conformance with the Fabrication and Installation Report on my commercial lease?

After the CVA or project engineer files the certification report, you must notify BOEM within 10 business days after commencing commercial operations.

§ 585.714 What records relating to SAPs, COPs, and GAPs must I keep?

(a) Until BOEM releases your financial assurance under § 585.534, you must compile, retain, and make available to BOEM representatives, within the time specified by BOEM, all of the following:

(1) The as-built drawings;

(2) The design assumptions and analyses;

(3) A summary of the fabrication and installation examination records;

(4) The inspection results from the inspections and assessments required by §§ 585.820 through 585.825; and

(5) Records of repairs not covered in the inspection report submitted under § 585.824(b)(3).

(b) You must record and retain the original material test results of all primary structural materials during all stages of construction until BOEM releases your financial assurance under § 585.534. Primary material is material that, should it fail, would lead to a significant reduction in facility safety, structural reliability, or operating capabilities. Items such as steel brackets, deck stiffeners and secondary braces or beams would not generally be considered primary structural members (or materials).

(c) You must provide BOEM with the location of these records in the certification statement, as required in §§ 585.701(c), 585.703(b), and 585.708(a)(5)(i).