

§ 61.20-3

(b) All devices employed in the change-over from automatic to manual operation shall be examined and tested.

[CGFR 68-82, 33 FR 18890, Dec. 18, 1968, as amended by USCG-1999-4976, 65 FR 6501, Feb. 9, 2000]

§ 61.20-3 Main and auxiliary machinery and associated equipment, including fluid control systems.

(a) At each inspection for certification and periodic inspection the marine inspector shall conduct such tests and inspections of the main propulsion and auxiliary machinery and of its associated equipment, including the fluid control systems, as he feels necessary to check safe operation.

(b) Remote control for the means of stopping machinery driving forced and induced draft fans, fuel oil transfer pumps, fuel oil unit pumps, and fans in the ventilation systems serving machinery and cargo spaces shall be tested at each regular inspection for certification and periodic inspection.

[CGFR 68-82, 33 FR 18890, Dec. 18, 1968, as amended by USCG-1999-4976, 65 FR 6501, Feb. 9, 2000]

§ 61.20-5 Drydock examination.

(a) When any vessel is drydocked, examination shall be made of the propeller, stern bushing, sea connection, and fastenings if deemed necessary by the marine inspector.

(b) Sea chests, sea valves, sea strainers, and valves for the emergency bilge suction shall be opened up for examination every 5 years at the time of drydocking.

[CGFR 68-82, 33 FR 18890, Dec. 18, 1968, as amended by CGD 84-024, 53 FR 32231, Aug. 24, 1988; CGD 95-028, 62 FR 51202, Sept. 30, 1997]

§ 61.20-15 Tailshaft examination.

The rules in §§ 61.20-15 through 61.20-23 apply only to vessels in ocean and coastwise service. Each examination, inspection and test prescribed by these sections must be conducted in the presence of a marine inspector.

[CGD 78-153, 45 FR 52388, Aug. 7, 1980]

§ 61.20-17 Examination intervals.

(a) A lubricant that demonstrates the corrosion inhibiting properties of oil when tested in accordance with ASTM

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D 665 (incorporated by reference, see § 61.03-1) is considered to be equivalent to oil for the purposes of the tailshaft examination interval.

(b) Except as provided in paragraphs (c) through (f) of this section, each tailshaft on a vessel must be examined twice within any 5 year period. No more than 3 years may elapse between any 2 tailshaft examinations.

(c) Tailshafts on vessels fitted with multiple shafts must be examined once every 5 years.

(d) Tailshafts with inaccessible portions fabricated of materials resistant to corrosion by sea water, or fitted with a continuous liner or a sealing gland which prevents sea water from contacting the shaft, must be examined once every 5 years if they are constructed or fitted with a taper, keyway, and propeller designed in accordance with the American Bureau of Shipping standards to reduce stress concentrations or are fitted with a flanged propeller. Accessible portions of tailshafts must be examined visually during each drydock examination.

(e) Tailshafts with oil lubricated bearings, including bearings lubricated with a substance considered to be equivalent to oil under the provisions of paragraph (a) of this section need not be drawn for examination—

(1) If tailshaft bearing clearance readings are taken whenever the vessel undergoes a drydock examination or underwater survey;

(2) If the inboard seal assemblies are examined whenever the vessel undergoes a drydock examination or underwater survey;

(3) If an analysis of the tailshaft bearing lubricant is performed semi-annually in accordance with the lubrication system manufacturer's recommendations to determine bearing material content or the presence of other contaminants; and

(4) If—

(i) For tailshafts with a taper, the propeller is removed and the taper and the keyway (if fitted) are nondestructively tested at intervals not to exceed 5 years; or

(ii) For tailshafts with a propeller fitted to the shaft by means of a coupling flange, the propeller coupling