

## APPENDIX F

### RECOMMENDED MINIMUM MAINTENANCE AND INSPECTION REQUIREMENTS FOR CRANES

(Informative)

#### F1 SCOPE

This Appendix lists the minimum recommended inspection and maintenance procedures that should be performed at regular intervals according to the classification and class of utilization of the crane.

#### F2 CONTROL POINTS

##### F2.1 General

Test drive and general visual inspection. Check for loose objects and extraneous materials. Check mounting of components, surface treatments.

##### F2.2 Structural

Check for corrosion, damage, deformation and wear.

##### F2.3 Function

Check on the condition of bearings, seals couplings, bushes and sheaves.

##### F2.4 Adjustment

Adjustment of brakes and limit switches as necessary.

##### F2.5 Lubrication

Lubrication and oil changes according to the manufacturer's instructions.

#### F3 CONTROL FREQUENCY

The recommended minimum periods for routine maintenance and inspection are shown in Table F1.

**TABLE F1**  
**RECOMMENDED MINIMUM MAINTENANCE AND INSPECTION SERVICE  
REQUIREMENTS**

Crane classifications	C1	C2	C3	C4	C5	C6	C7	C8
	M1	M2	M3	M4	M5	M6	M7	M8
Operating hours per day	≥0.5	0.5–1	>1–2	>2–4	>4–8	>8–16	>16	>20
Routine maintenance weeks	12	12	12	12	8	8	4	4
Periodic third-party inspection, weeks	52	52	52	52	52	52	52	52

NOTE: Periods may be varied dependent on the operating environment, the frequency and intensity of use (see Clause 7.3).