7.0   MAINTENANCE

7.1   Qualified Personnel

Only Qualified Personnel who are familiar with the safe operation of this hoist and have read and understood this manual should operate the hoist. Repairs and servicing of the hoist should only be done by qualified trained technicians.

7.2   Wire Rope Information

The wire rope lift cable on Patriot hoists has been carefully selected and tested to provide safe service. Wire rope is considered a consumable part. The cable is not warranted in any manner; if it becomes kinked, cut, or broken, the entire cable must be replaced. Splicing or repair of the cable is specifically NOT AUTHORIZED and voids warranty.

Hoist capacity is affected by cable length and diameter. Follow factory specifications at all times. For best results, minimize cable length to —10 ft. over lifting distance. For maximum safety, wire rope should be replaced after each job. Contact your Hi-Tech Hoist distributor or the factory for guidance or to order approved replacement cable.

7.3   Inspections

Before each use, the hoist should be checked to insure proper operation

NEVER USE A DAMAGED HOIST. DAMAGED OR IMPROPERLY FUNCTIONING HOISTS MUST BE REMOVED FROM SERVICE IMMEDIATELY

Inspections to be performed include, but not necessarily limited to:

- Verify the hoist mounting is level and secure, as well as properly counter-weighted/anchored if needed.
- Power cord and connections to the power source are secure and undamaged
- Pendant controls are properly connected and functioning properly
- Upper Limit Switch is functioning properly
- Wire rope is properly spooled on the drum
- Wire rope is not frayed, kinked or otherwise damaged/worn
- Areas below and around the hoist are free from obstructions and personnel
- Ensure the Spring Latch on hook is operational. If Spring Latch is NOT functioning properly the Hook must be replaced.

7.4 Maintenance and Inspection Records

It is important to maintain records of maintenance and inspections for the hoist. Failure to maintain proper records can void the Limited Warranty. Hi-Tech Hoist has provided a record template below. It is the Owner's responsibility to properly maintain and store the records and make available to the operator or qualified maintenance personnel as needed.

INSPECTION & MAINTENANCE LOG			
MAINTENANCE RECORD			
DATE	ITEM	MAINTENANCE PERFORMED	INITIALS

7.5   Removal From Service

NEVER USE A DAMAGED HOIST. DAMAGED OR IMPROPERLY FUNCTIONING HOISTS MUST BE REMOVED FROM SERVICE *MEDIA* TELY