INSPECTION AND REPLACEMENT OF THE PWB-2 AND PWB-4

The following inspection procedures are for the PWB Personnel work basket

- Inspect the top lifting ring (Crosby 7/8" X 5½) for excessive wear, cracks, corrosion following manufacturer's service specifications and API RP 2D
- Visually inspect all synthetic poly ropes on basket (including sling).
    - Check sidewall rigging lines and sling for wear, UV degradation (blistering, discoloration or cracking) and unraveling. All synthetic rope splices should have at least 3 tucks per splice.
    - Pinch ropes at various places (try to find places that show the most wear) and pull. If fibers come out in your fingers, the ropes are losing their integrity and the unit PWB should be replaced.
    - Much of the wear of these units is a result of how the unit is stored. Keep out of sunlight when not in use.
- Inspect inner liner. This liner is designed to keep small objects from falling out on to persons below. It is important that it be free of tears or excessive wear.
- Inspect the bottom platform carefully. Look for any signs of excessive wear, cracks or damage of any kind. Turn basket over and check the bottom for any excessive wear or cracks as well. If any of these conditions are found, the PWB should be taken out of service and replaced.
- Inspect the top (aluminum) 1 ½" ring of the unit. Look for any weak areas, cracks for damage.
- Replace the PWB if any of these conditions are found
- Inspect the PWB for modifications or non OEM supplied components. Non OEM components should or modifications should be removed.
- If you are doubt of the worthiness of your PWB, do not use again until a third party qualified inspector (as per API RP 2D) can do an additional inspection.
- As with all fiber rope products, be careful about chemical exposure to the load bearing areas of this product. Inspect these ropes for chemical damage by looking for "tackiness" in the rope. "Staining" is also a good indicator in that if you rub the fibers between your fingers and it leaves a color stain (the same color as the rope), this indicates possible chemical breakdown of the fiber. If either of these is detected, take the product out of service.

NOTE: When inspecting this piece of equipment (or any lifting device for that matter) pay close attention to any load bearing aspect of the product. These areas are the most critical and could cause the most danger is failure if failure occurs.

NOTE 2: Chemicals can damage the strength of the ropes and cause potential failure due to the degradation of the fibers. It is also important (as mentioned above) to properly store your PWB in a dry area, out of the sun and away from completion fluids or other chemicals (such as paint thinners). A regular replacement schedule is also recommended and will depend on how much the PWB is used and how it is stored. 2 year replacement is a good rule of thumb for many applications.

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