TRANSPOWER

SAFETY ALERT!

02/05/2024

Web sling failure

WHAT HAPPENED?

When rigging up handline for 220kV Strain insulator replacement, the tower cross arm steel was too large to basket the sling of the handline in use. The sling was choked around the cross arm steel instead. Having installed the insulator string to its strain attachment point, the handline was rerigged to tail of insulator string via a snatch block at the conductor, the weight was taken up on handline to connect the insulator string to conductor, when the sling at cross arm failed, letting the insulator back vertical position.

IMMEDIATE ACTION TAKEN

- Job stopped, event reported, replacement sling organized, sling checked for defects and employed to rigging.

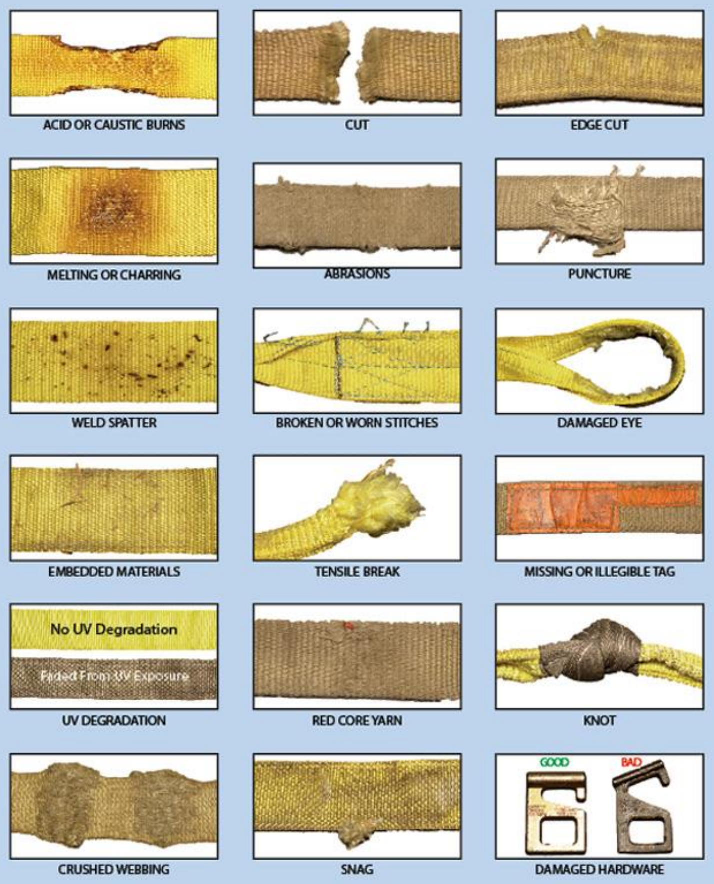
CONTRIBUTING FACTORS

- Sling not inspected prior to use.
- Sling positioned in place without any protection on previous rigging and repeated applications over a period of time.

LEARNINGS

- All slings to be inspected prior to every use including checking they are in date.
- Any damage identified, sling to be removed from service.
- Protective measures to be put in place to prevent damage to slinge i.e. protective straps, cloths, rubber packers etc.
- Assess working loads to identify required rigging configurations of heavy load.

EXAMPLES OF SLING DAMAGES



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