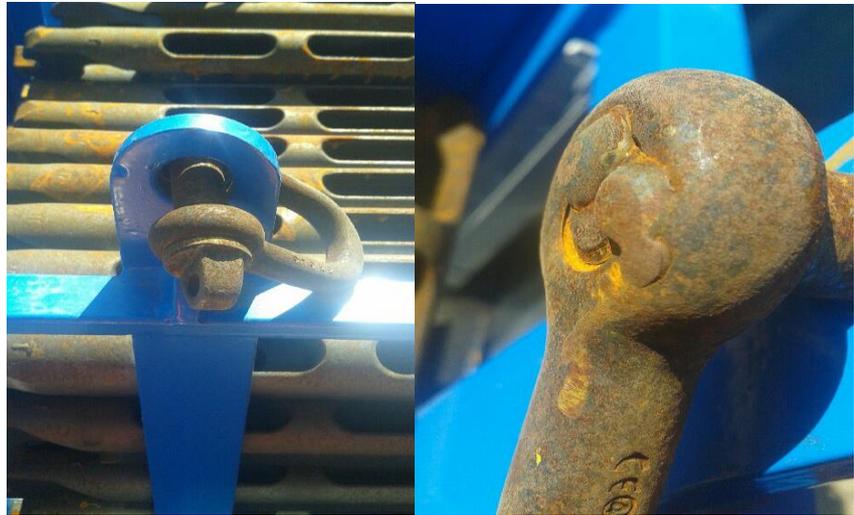


Lifting Shackle Safety Alert

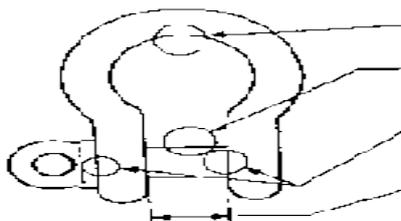
Brief Description

During inspection of lifting equipment, lifting shackles on the rod stillage were found to be welded and therefore deemed unsafe. Any modification including heat treatment negatively affects shackles integrity and its safe working load. Using welded shackles during lifting operations is unsafe and can cause serious injury or death. As a result, shackles had to be cut off and replaced.

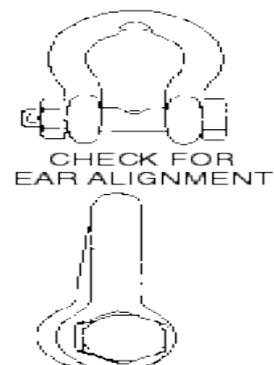


Learning Points

1. Use the right type of shackle for the job in hand. D shackle or Bow shackle
2. Check the safe working load of the shackle before use.
3. Don't use any shackle which is not marked with the safe working load.
4. Examine bow and pin and thread for damage or distortion. Destroy if doubtful.
5. Check bow and pin for excessive wear. Do they match?
6. Make sure pin is free, but not loose, in untapped hole.
7. Threads should be undamaged and without flats or appreciable wear.
8. Check alignment of holes. The untapped hole should not be too large or worn.
9. When using a shackle with 'nut and bolt', the pin should be free to rotate when nut is tight.
10. Never modify, repair or re-shape a shackle by welding, heating or bending as this will affect the safe working load limit.
11. Don't use a shackle where the pin can unscrew by 'rolling' under the load.
12. Keep a register of shackles and their test weights and dates.



CHECK FOR WEAR
 CHECK FOR WEAR AND STRAIGHTNESS
 CHECK THAT PIN IS SEATED
 CHECK SHACKLE FOR OPENING



CHECK FOR EAR ALIGNMENT

IF IN DOUBT ASK!!!

