

SAFETY TOOL BOX MEETING

NO. 31 - SHACKLES

1. Use the right type of shackle for the job in hand.
2. Check the safe working load of the shackle before use and that a competent person has tested it within the last 6 months.
3. Do not use any shackle, which is not marked with the safe working load.
4. Examine bow and pin for damage or distortion. Destroy if doubtful.
5. Check bow and pin for excessive wear. Destroy when wear is $1/10^{\text{th}}$ or more of the original diameter.
6. Make sure pin is free, but not loose, in tapped 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" pin, the pin should be free to rotate when nut is tight.
10. Sound shackles should have a clear ring. To test, suspend and tap lightly with a hammer.
11. To prevent pins unscrewing, secure with a split pin, if possible.
12. Do not use a shackle where the pin can unscrew by "rolling" under the load.

NEVER USE HOME-MADE SHACKLES

I have given the above talk to all men under my control.

Signed:

Company
Rev 1

Date 24-01-07