

Safe System of Work - Carousel Maintenance Instructions

Vidir Carousel Monthly and Yearly Maintenance Checks

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<u>Monthly Checks</u>												
Check the safety latches are not damaged and working freely (Fig 1)												
Check the material hanger is moving freely and the nut hasn't come loose (Fig 1)												
Check that the material hanger fixing hole is not showing signs of elongation. Then spray with lithium grease (Fig 1)												
If material hanger is showing signs of elongation, please replace worn parts (Fig 1)												
Check the main chain tension by pulling the chain against the frame at eye level this should be quite hard to do (Fig 2)												
LIGHTLY OIL CHAIN USING A SPONGE OR RAG PAD (Fig 2)												
Make sure machine is clean												
<u>Yearly Checks</u>												
Check GEARBOX OIL LEVEL. Should be centre of eye glass (Fig 3)												
Check gearbox drive belt for Tension. Maximum of 12mm of movement on long side (Fig 3)												
Check Top Chain Tension. If more than 4mm deflection on long side adjust chain (Fig 4)												
Check all sprockets for signs of wear												
Check all chains for signs of wear												
Remove covers and check sprockets for wear, then lightly grease (Fig 5)												
Replace all covers												
Initials												

Fig 1

Check the safety latches are not damaged and working freely.

The view below is what an elongation hole will look like



Notice space under the nut this hook is seriously worn and must be replaced immediately

The view below is what good material hanger should look like



This is how it should look

A worn hook and bolt both to be replaced



Ensure nut has not come loose. Spray lithium grease between plate and chain



Check safety latches working freely and not damaged

Fig 2

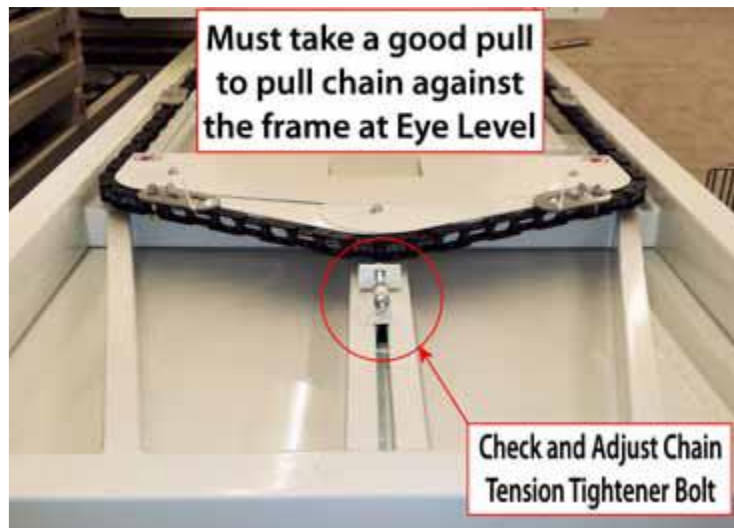


Fig 3

Check Gearbox oil level should be centre of eye glass



Check gearbox drive belt Maximum of 12mm of movement on long side.

Fig 4

4mm Maximum Deflection on long side of chain.



Chain Tensioner Bolt.

Fig 5

Remove cover and check sprockets and chains on both sides.



Lightly grease the sprockets while the covers are off.

Replace covers.

I have received the above training and fully understand every point that was explained to me. I confirm that I will wear the required PPE equipment when doing the above maintenance and take all steps to ensure my own others safety. I will ask for further training if I need to and will immediately inform the Supervisor or Manager if there are any issues with the machinery.

Name:

Signed: Date:.....

I confirm that I have trained the aforementioned person and that they fully understand how to use the above machinery, have received the required PPE equipment and know to inform me immediately of any issues with the machinery or if they require further training. I authorise this person to use the machinery detailed above.

Name: (Authorised Trainer).

Signed Date: