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14/07/2020

For the attention of: Mr Joe Dowds:

**Ref: EFA – issued 11th March 2019 – Anti-Ligature Assessment and load test – Wards 19&20
Hairmyres Hospital:**

Dear Sir

Further to our site visit to carry out the anti-ligature load test and assessment of the privacy tracks and window curtain tracks and blinds installed within the above wards on Tuesday 30th June 2020.

The load test was carried out in accordance to EFA/2019/003 and all components were assessed for security and damage, also to confirm they were installed as per the manufacturers written instructions.

All other assessments should be carried out by the organization responsible for the overall patient health and wellbeing and should form an internal part of their safety risk management assessment.

Ward 19:

Interview room 1:

2 no. Kestrel KR20CF crank operated roller blinds

Blind 1 (left) not in room

Blind 2 (right) vertical load test 18kg angled 17kg all fixings in good order.

Interview Room 2:

1 no. Kestrel KR20CF crank operated roller blind.

Vertical load test 21kg angled load test 12kg

All fixings in good order.

Sensory Room:

1 no. Kestrel KR20CF crank operated roller blind

Blind not in room, no load test carried out
Brackets were in good order.

Dining/Sitting Room:

Goelst 4301 face fit track with LRS Gliders.

3180 wide 19 grey 4 red gliders

2900 wide 17 grey 4 red gliders

1740 wide 16 grey 2 red gliders

The above cannot be load tested, all tracks have incorrect number and sequence of gliders, an object can be inserted into the glider channel and rotated to jam the object within the glider channels create a ligature risk.

Store Room:

Old venetian blind brackets are fitted to the curtain plate, the blind has been removed but the brackets have been left in place, these brackets have created ligature points.

Surgical Store:

A standard roller blind with chain operation is fitted within this room, this type of blind cannot be load tested and is a ligature risk.

Office 1. Behind Staff Base:

A standard roller blind with chain operation is fitted within this room, this type of blind cannot be load tested and is a ligature risk.

Office 2: Behind Staff Base:

A standard roller blind with chain operation is fitted within this room, this type of blind cannot be load tested and is a ligature risk.

Bedroom 5 (6 bedded ward)

Goelst 4100 privacy tracks fitted direct to the ceiling with anti-pick mastic used to seal gaps in ceiling, red and grey load release gliders fitted to track, load test cannot be carried out on this track type.

Bed Bay 1:

22 grey, 3 red gliders, two curtains have been overlapped on glider to cover required track length.

Bed Bay 2:

8 grey, 12 red gliders, two curtains have been overlapped on glider to cover required track length.

Bed Bay 3:

23 Grey, 2 red gliders, two curtains have been overlapped on glider to cover required track length.

Bed Bay 4:

39 grey, 6 red gliders, two curtains have been overlapped on glider to cover required track length.

Bed Bay 5:

16 grey, 4 red gliders, 1 curtain.

Bed Bay 6:

22 grey, 15 red gliders, two curtains have been overlapped on glider to cover required track length.

All the above tracks have the incorrect number and sequence of gliders, also incorrect curtain sizes, an object can be inserted in the glider channel to create a ligature point. The anti-pick mastic is not consistent and has gaps.

Window Track:

Goelst 4301 face fit track with LRS gliders 33 grey, 4 red gliders.

The above cannot be load tested, an object can be inserted into the glider channel to create a ligature point, the track has incorrect glider sequence and number.

Bedroom 8 (6 Bedded Ward)

Goelst 4100 privacy tracks fitted direct to ceiling with anti-pick mastic used to seal caps in the ceiling, red and grey load release gliders fitted to this track, load tests cannot be carried out on this track type.

Bed Bay 1:

25 grey, 1 red gliders

Bed Bay 2:

21 grey, 3 red gliders.

Bed Bay 3:

16 grey 3 red gliders

Bed Bay 4:

35 Grey, 3 red gliders.

Bed Bay 5:

19 Grey, 1 red glider.

Bed Bay 6:

21 grey, no red gliders.

All the above tracks have the incorrect numbers and sequence of gliders, an object can be inserted into the glider channel to create a ligature risk, the anti-pick mastic is inconsistent and has gaps.

Window Tracks:

Goelst 4301 face fix track with red and grey load release gliders.

Left 23 grey, no red.

Right 23 grey, 4 red

The above tracks have incorrect number of gliders and in the wrong sequence.

Single Room 9: window track

K6200 face fix magnetic track.

Vertical load 21kg angled 16gk

A five pence piece was between the central disc on the top of the track and the face fit magnetic bracket, this was removed before the load tests were carried out, all brackets were secure and in good order, the curtain track had several paint splatters and the track was in need of a clean.

Single Room 7: window track

K6200 face fit magnetic track.

The track fitted to this window is not the correct track for this room, the track up is only 1250mm wide and the discs on the top of the track do not line up correctly with the magnetic wall brackets, no load test could be carried out as only central magnet was engaged.

Vision Panel Window

K6200 face fit magnetic track vertical load test 18kg angles test 20kg all brackets were secure and in good order, the track was dirty and had paint splatter on it and was in need of a clean.

Single Room 6:

K6200 face fit magnetic track.

Vertical load test 32kg angled test 25kg

Vision Panel Window:
K6200 face fit magnetic track.
Vertical load test 16kg angled test 15kg

Room 4: twin room
Goelst 4100 tracks fitted direct to the ceiling with ant- pick mastic used to seal gaps in the ceiling, red and grey load release gliders fitted to track, load tests cannot be carried out on this track type.

Left track 11 grey and 20 red gliders.
Right track 20 grey and 1 red glider

Window tracks:
K6200 face fit magnetic tracks
Left track vertical load test 22 kg angled 25kg
Right track vertical load test 20 kg angled 18kg

Vision Panel windows:
K6200 face fit magnetic tracks.
Left track vertical load test 20 kg angled 16 kg
Right track vertical load test 20 kg angled 17 kg

All above tracks have paint splatter

Single Room 3:
K6200 face fit magnetic track
Vertical load test 22 kg angled 19kg

Vision Panel window:
K6200 face fit magnetic track
Vertical load test 16 kg angled 12.5 kg

Room 2 6 Bedded room:
Goelst 4100 tracks fitted direct to the ceiling with anti-pick mastic used to seal gaps in the ceiling, red and grey load release gliders fitted to track, load tests cannot be carried out on this track type.

Bed Bay 1.
20 grey and 1 red glider

Bed Bay 2.
18 grey and 10 red gliders

Bed Bay 3.
13 Grey and 12 red gliders.

Bed Bay 4.
45 grey and 4 red gliders.

Bed bay 5.
24 grey and 2 red gliders.

Bed bay 6.
21 grey and 4 red gliders.

All the above tracks have the incorrect number of gliders and sequence of gliders, an object can be inserted within the glider channel to create a ligature risk, the anti-pick mastic is inconsistent and has gaps.

Window tracks.

Goelst 4301 face fit track with red and grey load release gliders.

Left 32 grey 2 red gliders.

Right 17 grey 1 red glider

The above tracks cannot be load tested and have incorrect numbers of gliders and the wrong sequence, an object can be inserted into the glider channel to create a ligature risk.

Room 1. 6 bedded room

Goelst 4100 tracks fitted direct to the ceiling with anti-pick mastic used to seal gaps in the ceiling, red and grey load release gliders fitted to this track, load tests cannot be carried out on this track type.

Bed Bay 1:

24 grey and 2 red gliders

Bed Bay 2:

29 grey and 2 red gliders

Bed Bay 3

22 grey and no red gliders.

Bed Bay n4.

18 grey and no red gliders

Bed Bay 5.

17 grey and 15 red gliders.

Bed Bay 6.

24 grey and 15 red gliders.

All the above tracks have the incorrect numbers and sequence of gliders, an object can be inserted into the glider channel to create a ligature risk, the anti-pick mastic is inconsistent and has gaps.

Window Tracks

Goelst 4301 face fit tracks

With red and grey load release gliders.

Left 13 grey and 1 red glider.

Right 33 grey and 3 red gliders

The above tracks cannot be load tested, the above have the incorrect number of gliders and they are in the wrong sequence, an object can be inserted into the glider channel to create a ligature risk

Ward 20:

Sitting/Dining Room:

Goelst 4301 face fit track with LRS Gliders.

Left 27 grey, no red gliders.

Right 33 grey, no red gliders.

The above tracks cannot be load tested, all tracks have the incorrect number and sequence of gliders. An object can be inserted into the glider channel and rotated to create a ligature risk.

Treatment Room:

A standard roller blind has been fitted within this room and cannot be load tested, this is a possible ligature risk.

Sluice Room.

A standard roller blind has been fitted within this room and cannot be load tested, this is possible ligature risk.

Ward Admin Office:

A standard roller blind has been fitted within this room and cannot be load tested this is a possible ligature risk.

Duty Room.

A standard roller blind has been fitted within this room and cannot be load tested, this is a possible ligature risk.

Room 5 6 Bedded Room

Goelst 4100 privacy tracks fixed direct to the ceiling, anti-pick mastic used to seal the gaps in the ceiling, red and grey load release gliders fitted to tracks, load tests cannot be carried out on this track type.

Bed Bay 1.

53 grey and 3 red gliders.

Bed Bay 2.

49 grey and 1 red glider

Bed Bay 3.

25 grey and 6 red gliders, two curtains have been overlapped on glider to cover required track length.

Bed Bay 4.

31 grey and 1 red glider

Bed Bay 5.

30 grey and 1 red glider two curtains have been overlapped on glider to cover required track length.

Bed Bay 6.

34 grey and 2 red

All the above tracks have the incorrect numbers and sequence of gliders, also incorrect curtain sizes, an object can be inserted into the glider channel to create a ligature risk, the anti-pick mastic is not consistent and has gaps.

Window/Vision Panel tracks

Goelst 4301 face fit track with red and grey load release gliders.

Window

Left 29 grey and 1 red glider.

Right 39 grey and 4 red gliders.

Vision Panels

Left 10 grey and 3 red gliders

Right 20 grey and 3 red gliders.

All the above tracks have incorrect numbers and sequence of gliders, an object can be inserted within the glider channel to create a ligature risk.

Room 8 6 bedded ward.

Goelst 4100 privacy tracks fitted directly to the ceiling, anti-pick mastic has been used to seal and gaps in the ceiling, red and grey load release gliders fitted to tracks, a load test cannot be carried out on the track type

Bed Bay 1

22 grey and 2 red gliders, two curtains overlapped on glider to cover required track width.

Bed Bay 2.

26 grey and 2 red gliders, two curtains overlapped on glider to cover required track width.

Bed Bay 3.

43 grey and 13 red gliders, two curtains overlapped on glider to cover required track width.

Bed Bay 4.

22 grey and 3 red, two curtains overlapped on glider to cover required track width.

Bed Bay 5.

17 grey and 2 red gliders.

Bed Bay 6.

12 grey and 3 red gliders, two curtains overlapped on glider to cover required track width.

Window/Vision Panel tracks

Goelst 4301 face fit track with red and grey load release gliders.

Windows

Left 18 grey and no red gliders.

Right 10 grey and 1 red glider.

Vision Panel

9 grey and 2 red gliders.

The above tracks have the incorrect number and sequence of gliders, an object can be inserted into the glider channel to create a ligature risk.

Room 9: single room

K6200 face fit magnetic track.

Vertical load test 17 kg angled load test 21 kg

Room 7 single room

K6200 face fit magnetic track

Vertical load test 13 kg angled load test 12 kg

Vision Panel Window.

K6200 face fit magnetic track

Vertical load test 21 kg angled load test 18 kg

Room 6 single room

K6200 face fit magnetic track

Vertical load test 18 kg angled load test 17 kg

Vision window

K6200 face fit magnetic track.

Vertical load test 16 kg angled load test 14 kg

Room 4. Single room.

K6200 face fit magnetic track

Left vertical load test 21 kg angled load test 18 kg

Right no track in room no load test carried out.

Vision Windows.

K6200 face fit magnetic track

Left vertical load test 13 kg angled load test 12 kg

Right vertical load test 8.5 kg angled load test 8 kg

Track two above, the rail is damaged and bent and requires replacement.

Managers Office.

KR20 chain operated face fit magnetic roller blind.

Vertical load test 19 kg angled load test 16 kg

Vision panel windows.

Standard chain operated roller blinds

The blinds cannot be load tested.

Privacy Rail.

Kestrel movatrack top fixed privacy rail vertical load test 16 kg angled load test 26 kg

Room 2 6 Bedded Room.

Goelst 4100 tracks fitted directly to the ceiling. Anti-pick mastic has been used to seal any gaps in the ceiling, red and grey load release gliders fitted to tracks, a load test cannot be carried out on this track type.

Bed Bay 1

40 grey and 1 red glider

Bed Bay 2

49 grey and 1 red glider.

Bed Bay 3.

22 grey and no red gliders.

Bed Bay 4.

78 grey and 3 red gliders

Bed Bay 5.

40 grey and 3 red gliders.

Bed Bay 6.

40 grey and 2 red gliders.

All the above tracks have the incorrect number and sequence of gliders, also incorrect curtain sizes fitted, an object can be inserted into the glider channel to create a ligature risk. The anti-pick mastic is inconsistent and has gaps.

Window/vision panel tracks.

Goelst 4301 face fit tracks with red and grey load release gliders, these tracks cannot be load tested.

Window tracks.

Left 48 grey and 4 red (track coming off wall)

Right 21 grey and 1 red.

Vision Panels.
Left 19 grey and 3 red
Right 11 grey and 1 red

The above tracks have the incorrect number of gliders and sequence. An object could be inserted in the glider channel to create a ligature risk.

Room 1 6 Bedded.
This room is undergoing refurbishment and we could not gain access.

Conclusion:

It appears from the above findings that no consideration is being taken to the correct number of gliders to suit the track width the spacing on the curtains is inconsistent and this may cause the curtain to stick and not run freely, especially if redundant gliders as inserted between used gliders as these may act as a brake.

We are recording inconsistent load test on each track as the curtain size and weight impacts on the static load when tested, if an oversized curtain is installed on a magnetic track this will reduce the load test result.

We would recommend that disposable curtains are used on magnetic track systems as these provide more consistent results as they are much lighter in weight than traditional curtains.

It appears that a maintenance program has not been implemented and reactive maintenance is being carried out, incorrect tracks and blinds once they have been deployed have been refitted in the wrong rooms and are not being re-installed correctly.

We would recommend that a register is created and each item is labelled with its correct size and location to ensure the item is refitted in the correct room and that all magnetic components align correctly

Yours Sincerely

Stephen Boyce
Contracts Manager