



Thomsen's Escalator Handrail Pre-Cleaning Inspection Guide

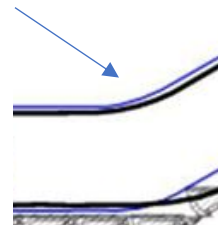
Thomsen's handrail pre-cleaning inspection.

Check the handrail temperature.

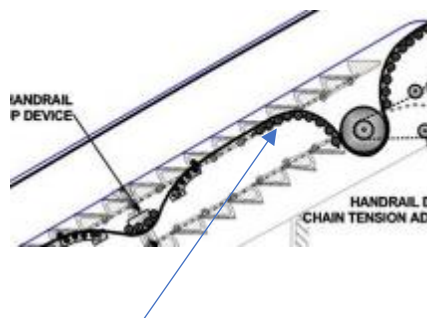
- Indoor escalator handrails should feel cool to the touch. Outdoor escalator handrails should run warm to hot in the sunlight and cool at night. If you detect heat or excessive slack the owner and the service provider will save money by correcting these problems as soon as possible.
- A warm or hot indoor escalator handrail indicates that the handrail is too tight around the handrail guide system creating heat caused by friction on the guidance tracks. This condition creates drying and cracking of the handrail. Cracks in the handrail face or bead create an entrapment danger for children's fingers.
- If the handrail is too loose on the handrail guide system, this may cause handrail finish damage. Look at the "Lower Newel End" of the escalator handrail system to observe if slack is pushing the handrail away from the newel end. Also, an entrapment danger for children's fingers.
- Test the handrail tension by pressing the handrail down with your fingers to "the curve" guide track below as indicated by the arrow. Buoyancy to touch the guide track at this location and not heat indicates "good handrail band tension".
- Having clean handrails and return tension and guide rollers breaks the cycle of swapping dirt between the handrail and return rollers,



Lower newel end.



The curve



Return tension and guide rollers



Handrail finish damage.