

# Escalator & Moving Walkway Inspection Checklist

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Default 

## General Information

Record basic details about the inspection.

### Inspection Date

Enter date...

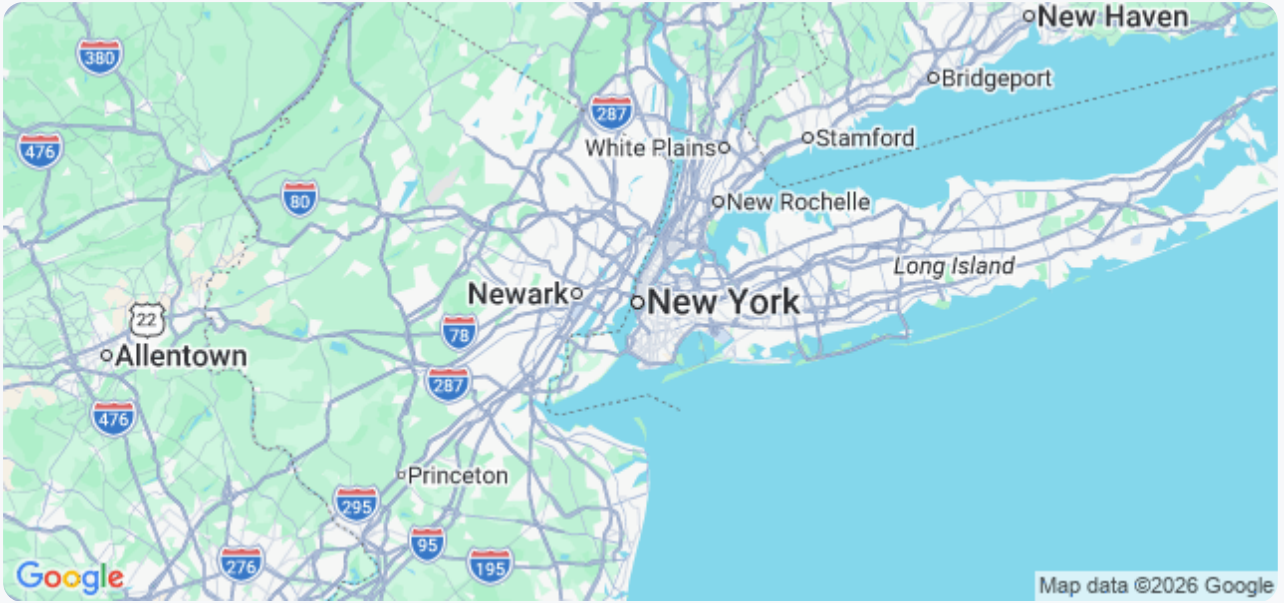
### Inspection Time

Enter time...



**Location/Asset ID**

 Set My Current Location



**Escalator/Moving Walkway Type**

- Escalator
- Moving Walkway (Horizontal)
- Moving Walkway (Incline)

**Asset/Equipment Number**

Enter a number...

**Inspector Name**

Write something...

**Company/Department**

Write something...

# Visual Inspection - Escalator/Moving Walkway Structure

Assessment of the physical structure for damage or wear.

**Escalator/Moving Walkway ID:**

Enter a number...


**Overall Structural Condition:**

- Excellent
- Good
- Fair
- Poor
- Unsafe

**Describe any visible damage to the structure (e.g., cracks, rust, corrosion):**

Write something...

**Upload photos of structural concerns (if any):**

 Upload File

**Presence of Rust/Corrosion:**

- None
- Minor
- Moderate
- Severe

**Maximum crack width (if applicable) (mm):**

Enter a number...

**Condition of Support Columns:**

- Good
- Fair
- Poor
- Needs Repair

**Describe any issues with the enclosure or balustrades:**

Write something...

## Step/Tread & Handrail Inspection

Detailed check of steps/treads and handrails for damage, wear, or loose components.

**Step/Tread Condition (1-5, 1=Excellent, 5=Severe Wear)**

Enter a number...

### Step/Tread Damage Observed?

- Cracks
- Chips
- Loose Steps
- Worn Edges
- Deformation
- None Observed

### Handrail Height (inches)

Enter a number...

### Handrail Issues?

- Loose
- Damaged
- Misaligned
- None Observed

### Detailed Description of Handrail/Step/Tread Issues

Write something...

### Step/Tread Slippage Observed?

Yes

No

### Photo Documentation of Step/Tread or Handrail Issues

 Upload File

### Handrail Integrity Score (1-5, 1=Excellent, 5=Critical)

Enter a number...

## Comb & Chain Inspection

Examination of the comb and chain system for debris, wear, and proper function.

### Comb Tooth Condition (Rating 1-5, 1=Excellent, 5=Severe Wear)

Enter a number...

### Describe any comb damage, cracks, or missing teeth.

Write something...

**Chain Link Count (Verify against manufacturer specifications)**

Enter a number...

**Describe any chain corrosion, kinks, or damage.**

Write something...

**Chain Tension (Adequate, Tight, Loose)**

- Adequate
- Tight
- Loose

**Debris Present on Comb/Chain (Check all that apply)**

- Dust
- Paper
- Fabric
- Metal
- Organic Matter
- None

**Comb/Chain Cleaning Method Used**

Write something...

# Drive System Inspection

Inspection of the motor, gearbox, and drive belt/chain for signs of wear or malfunction.

## Motor Voltage (V)

## Motor Amperage (A)

## Gearbox Oil Level (inches)

## Gearbox Oil Condition

- Excellent
- Good
- Fair
- Poor

### Drive Belt/Chain Condition

- New/Excellent
- Good
- Fair
- Poor - Requires Replacement

### Describe any unusual noises or vibrations related to the drive system:

Write something...

### Date of Last Gearbox Oil Change

Enter date...

### Attach Photo of Drive System Components

 Upload File

## Safety Devices & Emergency Stop

Verification of the functionality of safety devices and emergency stop buttons.

### Emergency Stop Buttons - Visual Condition

- Excellent
- Good
- Fair
- Poor
- N/A

### Emergency Stop Buttons - Functionality (Press & Release)

- Pass
- Fail
- N/A

### Number of Emergency Stop Buttons Tested

Enter a number...

### Skirt and Side Brush Condition

- Intact and Properly Positioned
- Minor Damage
- Significant Damage
- Missing

### Safety Sensors Functionality

- Pass
- Fail
- N/A

### Comments/Observations Regarding Safety Devices

Write something...

### Last Safety Device Maintenance Date

Enter date...

# Electrical Inspection

Review of electrical components and wiring, ensuring proper connections and insulation.

## Motor Voltage (V)

## Motor Current (A)

## Gearbox Oil Temperature (°C)

## Wiring Condition

- Excellent
- Good
- Fair
- Poor

### Grounding Connection

- Secure
- Loose
- Corroded
- Not Present

### Notes on Electrical Components

Write something...

### Electrical Diagram (if available)

 Upload File

## Lubrication & Maintenance

Check of lubrication levels and confirmation of recent maintenance activities.

### Last Lubrication Date

Enter date...

**Quantity of Lubricant Used (e.g., liters/oz)**

Enter a number...

**Type of Lubricant Used**

- Lithium Grease
- Synthetic Grease
- Other (Specify)

**Notes on Lubrication Performance (e.g., ease of application, condition of lubricant)**

Write something...

**Date of Last Preventative Maintenance**

Enter date...

**Description of Maintenance Performed (e.g., belt inspection, gear cleaning)**

Write something...

### Maintenance Performed by (Internal/External)

- Internal Maintenance Team
- External Contractor

### Upload Maintenance Records/Invoices (Optional)

 Upload File

## Noise & Vibration Assessment

Observation and documentation of any unusual noises or excessive vibrations.

### Vibration Level (RMS)

Enter a number...

### Describe Noise Level

- Normal
- Slightly Elevated
- Elevated
- Excessive

### **Describe any Unusual Noises**

Write something...

### **Describe any Unusual Vibrations**

Write something...

### **Vibration noticeable to users?**

- Yes
- No
- Unsure

### **Frequency of Unusual Noise (Hz - if identifiable)**

Enter a number...

## **Signage and Compliance**

Verification of proper signage and adherence to relevant safety codes and regulations.

### **Are warning signs present and legible?**

- Yes
- No
- N/A

**Are emergency stop instructions clear and visible?**

- Yes
- No
- N/A

**Signage Height (Feet)**

Enter a number...

**Comments on Signage Visibility or Condition**

Write something...

**Compliance with Local Codes?**

- Yes
- No
- Unknown

**Date of last Code Compliance Review**

Enter date...

**Documentation of compliance (e.g. permits, inspection reports)**

Write something...