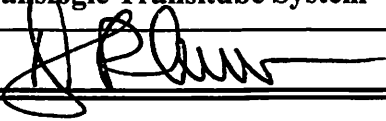


**UNIVERSITY OF TOLEDO  
FACILITIES AND CONSTRUCTION**

<b>Section:</b>	<b>Electrical/Electronics</b>	<b>Procedure Number:</b>	<b>E-18</b>
<b>Subject:</b>	<b>Inspection and Cleaning Procedures for Translogic Transitube System</b>	<b>Effective Date:</b>	<b>January 1980</b>
		<b>Revised Date:</b>	<b>December 2016</b>
<b>Facilities Officer:</b>		<b>Reviewed Date:</b>	<b>December 2019</b>

**Standard Operating Procedure**

Cleaning and inspection on the Translogic Transitube System will be performed on a regular basis.

**Purpose**

To ensure a fast, convenient transportation of materials through the transitube system.

**Procedure**

**Monthly:**

**STATION**

1. Inspect control panel display for characters that are faded or saturated. If the display needs adjustment, turn R5 on the station PCB until characters are sharp.
2. Check station's dispatcher motor, brake, and position sensors properly position dispatcher to in-line and out-of-line positions.
3. Check stations' slide plate motor, brake, and position sensors, properly position slide plate to in-line and out-of-line positions.
4. Listen for excessive or unusual noise during dispatcher and slide plate movement.
5. Check power supply output between pins 40 and 20 (gnd) of U3 chip on the station control PCB. Voltage should be 5.1VDC.
6. If the voltage is incorrect, turn the V adjustment screw on the power supply assembly until voltage is within range.

**CARRIERS**

1. Check carrier bodies for cracks and other damage.
2. Check rubbing band for minimum diameter of 3.720 on four-inch (4") carrier; replace if necessary.

**BLOWERS**

1. Inspect and clean screen boxes for all foreign matter.

Quarterly:

**TRANSFER UNITS**

1. Verify transfer unit's motor, brake, and position sensors properly, position transition tube to all ports.
2. Examine sealing ring, guide channel (1X2), and rear bearing/seal (1X4) for adequate lubrication.
3. Listen for excessive or unusual noise during movement.
4. Verify controls and indicators are functioning normally.
5. Verify operation of carrier sensor.
6. Examine condition of sealing ring and rear bearing/seal.
7. Examine rubber boots for cracking or tearing.
8. Verify solenoid actuates valve seal when transfer unit's transition tube is turning.
9. Examine rubber seal and flap for cracking or deterioration.

**BLOWERS**

1. Verify the shifter valve assembly properly positions to all four (4) positions.
2. Examine shifter valve assembly seals, bearings and guides for adequate performance.
3. Listen for excessive or unusual noise during operation.
4. Verify controls and indicators are functioning normally.
5. Inspect blower motor mounts for failures.