

# TECH SUPPORT – OPTICAL EQUIPMENT

## WHAT ARE THE CONDITIONS OF MACHINE BEING RETURNED AND AUDITED IN BRANCHES?



Excess Equipment not being returned to Engineering

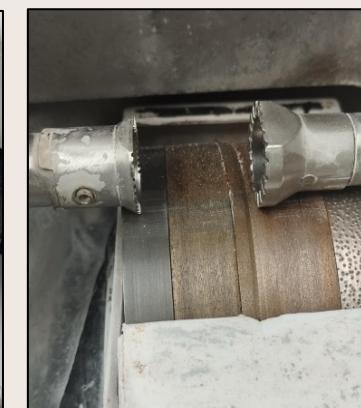
Unclean Water pump and Water Tanks



OK



NOT OK



Poorly maintained Edging Machines

# TECH SUPPORT – OPTICAL EQUIPMENT

## RECEIVED ITEMS FROM BRANCH



GLORIETTA 1 – POORLY MAINTAINED



SM STA ROSA – NO COVER AND WHEELS DAMAGED



AYALA MALL CEBU – WITH TAPES



ALTA CITTA – AVR WITH  
DAMAGED COVER

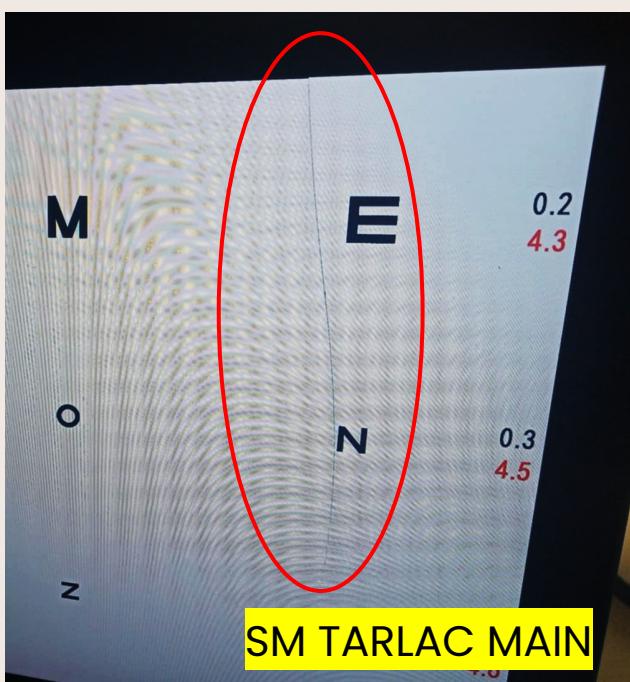


CENTRIO MALL – WITH TAPES

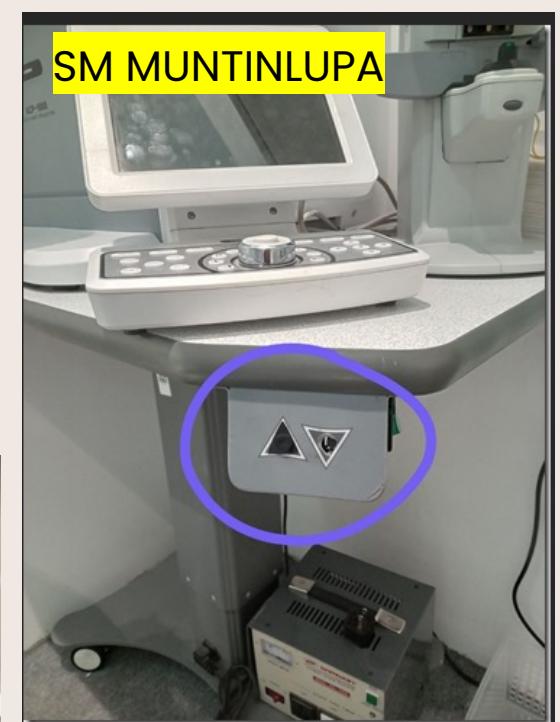


PAVILLION MALL –  
POORLY MAINTAINED

VENICE GRAND



AYALA FELIZ SMKT



SM MUNTINLUPA



SM CLARK



PUREGOLD TANZA



SM NOVALICHES

# CHECKPOINTS FOR ENGINEERING EQUIPMENT

## All Equipment -

Must be free from dirt/stains and dusts



## Auto Refractometer-

Measurement Window is free from dirt



# CHECKPOINTS FOR ENGINEERING EQUIPMENT

## EDGING MACHINE -

No dirt accumulation on Machine surface (Must be wiped clean after use)



## EDGING MACHINE -

No vandalisms or tapes attached



# CHECKPOINTS FOR ENGINEERING EQUIPMENT

## WATER TANK / PUMP -

1. Water tank must be drained after use
2. Water pump must be dry and not submerged when not in use



## WATER PUMP -

Water pump must be cleaned after use



## WATER HOSE -

Water hose must have filter



# TECH SUPPORT – OPTICAL EQUIPMENT

## 1. TRAINING OF OPTICIANS ON BASIC MAINTENANCE OF MACHINES

**BASIC EQUIPMENT MAINTENANCE SERIES**  
ENGINEERING DEPARTMENT – ENGINEERING EQUIPMENT SECTION

**AUTOREFRACTOMETER DAILY MAINTENANCE**

**MUST DO BEFORE AND AFTER USE**

- WIPE surface of the Machine
- WIPE measurement window
- INSERT PLUG onto the measurement window
- AVOID** using Solvent (alcohol) for cleaning stains.

**COMMON PROBLEMS AND BASIC TROUBLESHOOTING**

INACCURATE READING?	INTERMITTENT SHUTTING DOWN?	NOT PRINTING PROPERLY?
Measurement window might be dusty	Maybe too much lightings on Px Side	Loose Plug
<b>DO:</b> WIPE measurement window	<b>DO:</b> Reduce light source by moving AR to dimmer area	Dirty Printer Roller
DO: Re-insert plug	DO: Clean the Printer Roller using clean wiper	

IF BASIC TROUBLESHOOTING DOES NOT SOLVED THE PROBLEM, REPORT IMMEDIATELY TO ENGINEERING DEPARTMENT

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**EDGING MACHINE DAILY MAINTENANCE**

**MUST DO AFTER USE**

- RINSE the machine to prevent dust accumulation
- DISPOSE and WASH the lens dusts in the net
- REMOVE water and RINSE the water tank
- SWITCH OFF and UNPLUG the machine
- HANG water pump to air dry

**REMINDER!**

- PROTECT the Edging Wheels if for transport
- DO NOT put tapes on the machine
- OBSERVE proper handling to avoid damages
- OBSERVE proper cleanliness

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**EDGING MACHINE CALIBRATION PROCEDURE**

- Mount the Standard Pattern and Standard Gauge onto the Machine.  
**Pattern**      **Gauge**
- Press TEST and hold it, while switching ON the machine  
When the buzz sounds, the carrier moves automatically to the position above the PC Wheel
1. Switch ON the machine  
2. Put the Gauge into the required position  
3. Press the PRESS button
- Press or to adjust the position of the carrier.  
Press STOP to confirm the setting. The carrier moves automatically to the position above the POLISH WHEEL.
- Press or to adjust the position of the carrier.  
Press STOP to confirm the setting. The carrier moves automatically to the position above the BEVEL WHEEL.
- Press or to adjust the position of the carrier.  
1. Press V to land the gauge to the bottom of the V groove.  
2. Press STOP to confirm the setting. The carrier moves automatically to the position above the FINE GRINDING WHEEL.
- Press or to adjust the position of the carrier.  
1. Press or to adjust the position of the carrier  
2. Press STOP to confirm the setting.
- SWITCH OFF the Machine. All settings are to be saved and the previous settings are to be deleted automatically.

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# FACILITIES MANAGEMENT

## DECLOGGING? IS IT NORMAL?



**IT IS NOT NORMAL!**

**Why it happens?**

This is due to unfiltered water from Opticians water tanks being drained in Lavatory.

**How to prevent?**

Careful not to drain uncleaned water

**What is the impact?**

Overflow, foul smell, may damage drainage