

Audit Report for Audit ID - AU0087-3

Engineering Audit Report

Audit Score

93/100

Details

Audit	AU0087
Scheduled Audit	AU0087-3
Location	Hyderabad
Hotel	GreenPark Hotel- GPH
Department	Engineering
Checklist	Engineering Audit Report
Audit Type	Internal
Auditor	Mahesh Babu
Start Date	01-02-2019
End Date	28-02-2019
Submitted Date	01-03-2019
Status	Completed
Assigned By	Administrator Account
Non-Compliance	10
Chronic Issues	4

Comparison

GREENPARK HOTEL- GPH ENGINEERING AUDIT REPORT

ENGINEERING AUDIT REPORT		Sep 2018	Feb 2019	VARIANCE	% of Increase / Decrease (-/+)
S.No	Sections	SCORE OBTAINED	SCORE OBTAINED		
1	Annual Maintenance Contracts	96	100	4	4.17%
2	Monthly information system log books and History records	92	98	6	6.52%
3	Heat Light R&M Expenditure	88	86	-2	-2.27%
4	Ken Fixit Rooms	70	70	0	0%
5	CAPEX & Rennovations	85	100	15	17.65%
6	Preventive Maintenance	86	97	11	12.79%
7	Performance of Machinaries Efficiency with Safeties	86	97	11	12.79%
Audit Score		● 86	● 93	7	8.14%

	80-100 = Green	Good / Excellent
	61-79 = Yellow	Average
	60 below is Red	Poor / Fair

Non-Compliance

Section: Heat Light R&M Expenditure

Subsection: Heat Light R&M Expenditure

1: Power Consumption Units Review **NC**

Rating: 7

Observation Text :

BUDGET- 725036/ ACTUAL-749720= Minus by 24684

Section: Ken Fixit Rooms

Subsection: KEN FIXIT

1: No of Rooms Done During the period **NC**

Rating: 7

Observation Text :

During the period of 6 months -34 Rooms out of 74 Rooms.

Section: Preventive Maintenance

Subsection: Transformers & Panel Boards with Test Reports

1: Silica gel. **NC**

Rating: 7

Attachments :

QUE101_IMG_20190227_162217.jpg

Observation Text :

both transformer silica gel to be replaced

Section: Preventive Maintenance

Subsection: Generators

1: Battery voltages & distill water etc. **NC**

Rating: 7

Observation Text :

380 kVA battery distilled water is less.

Section: Preventive Maintenance

Subsection: Guest Rooms & Ken Fixit Rooms

1: Trap door cleaning. **NC**

Rating: 7

Attachments :

QUE130_IMG_20190227_175245.jpg

Observation Text :

308-electrical db lot of dust

2: Guest rooms PM Monthly targets **NC**

Rating: 6

Observation Text :

Target 74/ achieved 35 rooms=47% completed

Section: Performance of Machinaries Efficiency with Safeties

Subsection: Air Handling Units & Ventilation System

1: AHU Filters status. **NC**

Rating: 7

Attachments :

QUE229_IMG_20190226_154516.jpg

Observation Text :

Residence pre function ahu filters got damage need to be replaced with new

2: AHU physical condition **NC**

Rating: 7

Attachments :

QUE235_IMG_20190227_173607.jpg

Section: Performance of Machinaries Efficiency with Safeties

Subsection: Transformers, Switchgear & Panels

1: Silica gel. **NC**

Rating: 7

Attachments :

QUE244_IMG_20190226_162428.jpg

QUE244_IMG_20190226_162641.jpg

Section: Performance of Machinaries Efficiency with Safeties

Subsection: Cold Rooms

1: Emergency buzzer functioning **NC**

Rating: 7

Attachments :

QUE309_IMG_20190226_165310.jpg

QUE309_IMG_20190226_170043.jpg

Observation Text :

veg and non veg cold room emergency buzzer switch got damage

Chronic

Section: Ken Fixit Rooms

Subsection: KEN FIXIT

1: No of Rooms Done During the period **NC**

Rating: 7

Observation Text :

During the period of 6 months -34 Rooms out of 74 Rooms.

Section: Performance of Machinaries Efficiency with Safeties

Subsection: Air Handling Units & Ventilation System

1: AHU Filters status. **NC**

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Observation Text :

Residence pre function ahu filters got damage need to be replaced with new

2: AHU physical condition **NC**

Rating: 7

Attachments :

QUE235_IMG_20190227_173607.jpg

Section: Performance of Machinaries Efficiency with Safeties

Subsection: Cold Rooms

1: Emergency buzzer functioning **NC**

Rating: 7

Attachments :

QUE309_IMG_20190226_165310.jpg

QUE309_IMG_20190226_170043.jpg

Observation Text :

veg and non veg cold room emergency buzzer switch got damage

Audit Questionnaire

Section: Annual Maintenance Contracts

Subsection: AMC

- 1: A/c Plant - Low Side, High Side with VFD's
Rating: 10
- 2: Generators
Rating: 10
- 3: STP, WTP, HNS & Water Purifiers
Rating: 10
- 4: Elevators
Rating: 10
- 5: Fire Alarm System ☒ Not Applicable
- 6: Cold Rooms
Rating: 10
- 7: Inverters and UPS ☒ Not Applicable
- 8: Kitchen Equipments ☒ Not Applicable
- 9: Boilers ☒ Not Applicable
- 10: Vacuum Cleaners & Weighing Machines. ☒ Not Applicable

Section: Monthly information system log books and History records

Subsection: MIS and Log books

- 1: MIS
Rating: 10
- 2: All the Equipment Log Books
Rating: 10
- 3: History Cards For All the Equipments
Rating: 8

Observation Text :

some of the equipments history card missed

- 4: History Log Book
Rating: 9
- 5: CE Log book and Daily Report
Rating: 10

6: Room Maintenance Log Sheets / Books

Rating: 10

7: KEN FIXIT Room Log Sheets / Books

Rating: 10

8: Public Areas (Toilets) Log Book

Rating: 10

9: Gas Bank Maintenance and Log Book

Rating: 10

10: Water and other Test Reports

Rating: 8

Observation Text :

Nov-18 and jan-19 reports are not available

11: Energy Meter's Reading.

Rating: 10

12: APSEB Meter Reading.

☒ Yes

13: APSEB Meter Reading.

☒ Yes

14: DG Log Book - 1&2

Rating: 10

15: Daily Energy Marshelling

☒ Yes

16: PM Laundry Equipments ☒ Not Applicable

17: WTP Log Book

☒ Yes

18: Steam Boiler Log Book ☒ Not Applicable

19: Hot Water Boiler Log Book

☒ Yes

20: RO Plant Log book ☒ Not Applicable

21: Hot Water Temp Log Book

☒ Yes

22: Drip System log book

Rating: 9

23: Heat Pump log book

Rating: 10

24: AC Plant log Book

Rating: 10

25: FCU's & AHU'S Maintenance Log Book

☒ Yes

26: Cold Storage Log Book

Rating: 9

27: Kitchen Equipments Daily Check Book

Rating: 10

28: AHU Temp. Monitoring Log Sheets

☒ Yes

29: Rooms FCUs & Shower Heads Cleaning

☒ Yes

30: STP Log Book

☒ Yes

Observation Text :

available

31: Pool Log Book ☒ Not Applicable

32: Complaint Register

Rating: 10

33: Shift Log Book

☒ Yes

34: Room Daily PM Log Book

☒ Yes

35: PM Plant & Equipments

Rating: 10

36: FCU Filterts

☒ Yes

37: FCU Coil Chemical Servicing

☒ Yes

38: Fire Diesel Engine Check

Rating: 10

39: Fire Diesel Engine Check ☒ Not Applicable

Section: Heat Light R&M Expenditure

Subsection: Heat Light R&M Expenditure

1: Power Consumption Units Review **NC**

Rating: 7

Observation Text :

BUDGET- 725036/ ACTUAL-749720= Minus by 24684

2: Genset Diesel Consumption Analysis

Rating: 9

Observation Text :

Budget/Actual-3000-1830=plus by 1170

3: Boilers Diesel Consumption Analysis

Rating: 9

Observation Text :

Budget/Actual-7800-5555=plus by 2245

4: Water Consumption

Rating: 9

Observation Text :

Budget/Actual-3571-1447=plus by 2124

5: Overall R&M Expenditure

Rating: 9

Observation Text :

Budget/Actual-7800-5555=plus by 2245

Section: Ken Fixit Rooms

Subsection: KEN FIXIT

1: No of Rooms Done During the period **NC**

Rating: 7

Observation Text :

During the period of 6 months -34 Rooms out of 74 Rooms.

Section: CAPEX & Rennovations

Subsection: CAPEX & Rennovations

1: Room upgradation / Renovation ☒ Not Applicable

2: Public Areas Upgradation

Rating: 10

Observation Text :

Residency hall wall panelling and new carpet replaced.

3: Building upgradation ☒ Not Applicable

4: Equipments Upgradation
Rating: 10

Observation Text :
lobby Ahu replaced with EC fan model

5: Back Areas Renovation ☒ Not Applicable

Section: Preventive Maintenance

Subsection: AC Chillers, AHUs, FCUs, Cooling Towers & VFDs

1: Internal preventive maintenance schedule.
Rating: 10

2: History cards updation & placing at equipment.
Rating: 9

3: AHU's filter condition.
Rating: 10

4: FCU's filter condition.
Rating: 10

Attachments :
QUE64_IMG_20190301_133057.jpg

Observation Text :
Residency Ahu filters need to be replce

5: AHU's coil, base and physical condition.
Rating: 9

Attachments :
QUE65_IMG_20190226_153458.jpg
QUE65_IMG_20190226_153641.jpg

Observation Text :
SOUTH BLOCK TFA HAVING LOT OF DUST AND COIL NEED TO BE SERVICE
WITH CHEMICAL

6: Pumps leakages.
Rating: 10

7: Pumps base conditions.
Rating: 10

8: Rusting and painting conditions of chillers, pumps, and cooling towers.
Rating: 10

9: Pumps electrical terminals.
Rating: 10

10: Pumps starter panels over all condition.

Rating: 10

11: Pumps loads/current.

Rating: 10

12: VFD's working status.

Rating: 10

Observation Text :

Chiller plant with AFD IS WORKING

13: VFD's auto/ manual. ☒ Not Applicable

14: Cooling towers fills, scale and tub cleaning condition.

Rating: 8

Observation Text :

cooling tower tubs cleaning schedule frequency to be increase

15: Cooling tower gear box noise level.

Rating: 10

16: Gear box oil levels.

Rating: 10

17: Chiller plants load vs current parameters.

Rating: 10

18: Chiller plants condensor and evaporator water pressure guages.

Rating: 10

19: Chiller plant main incoming breaker and contactors electrical terminals condition.

Rating: 10

20: Over all pm carrying out procedures.

Rating: 9

Section: Preventive Maintenance

Subsection: Boilers Hot Water and Steam

1: Internal preventive maintenance schedule.

Rating: 10

2: History cards updation & placing at equipment.

Rating: 10

3: Boilers feed water pump oil/ water leakages.

Rating: 10

4: Boilers electrical panel and terminals condition.

Rating: 10

- 5: Exhaust motor and blower noise

Rating: 10

- 6: All valves leakages.

Rating: 10

- 7: Diesel hose pipes condition and quality.

Rating: 10

- 8: Diesel pump leakages.

Rating: 10

- 9: Hot water mixing tanks & plate heat exchanger

Rating: 10

Section: Preventive Maintenance

Subsection: Pumps & Hydro Pneumatic System

- 1: Hydro pneumatic system lines pressure guages

Rating: 10

- 2: Hydro pneumatic system digital display & auto system.

Rating: 10

- 3: Hydro pneumatic system electrical panel and connections / terminals condition.

Rating: 10

Section: Preventive Maintenance

Subsection: Elevators

- 1: ARD System ☒ Not Applicable

- 2: Emergency Alarm

Rating: 10

- 3: Door Sensor

Rating: 10

- 4: Car any abnormal noisy

Rating: 10

- 5: All elevators Electrical DB status

Rating: 10

- 6: Machine Room Status

Rating: 10

Section: Preventive Maintenance

Subsection: Transformers & Panel Boards with Test Reports

1: Physical observations.

Rating: 10

2: Oil leakages.

Rating: 10

3: Silica gel. **NC**

Rating: 7

Attachments :

QUE101_IMG_20190227_162217.jpg

Observation Text :

both transformer silica gel to be replaced

4: Oil level.

Rating: 10

5: Winding temperature

Rating: 10

6: Oil temperature ☒ Not Applicable

7: CTPT any oil leakages.

Rating: 10

Section: Preventive Maintenance

Subsection: Generators

1: Physical observations.

Rating: 10

2: A- check reports.

Rating: 10

3: Engine oil level.

Rating: 10

4: Battery voltages & distill water etc. **NC**

Rating: 7

Observation Text :

380 kVA battery distilled water is less.

5: Digital meters.

Rating: 10

6: Coolant water level or related cooling tower status.

Rating: 10

7: Diesel tank and line status.

Rating: 10

Section: Preventive Maintenance**Subsection:** Fire Alarm & Fire Fighting System

- 1: Panel lock and key system
Rating: 10
- 2: Alarms recording log books.
Rating: 10
- 3: Smoke detectors cleaning schedule.
Rating: 10
- 4: Smoke detectors indications.
Rating: 10
- 5: Fire D.G trial runs
Rating: 10
- 6: Fire D.G battery voltages.
Rating: 10
- 7: Booster and jockey pumps auto manual.
Rating: 10
- 8: Physical Observations
Rating: 10
Attachments :
QUE120_IMG_20190226_172643.jpg

Observation Text :

Banquet kitchen MCP glass got damage need to be replace

Section: Preventive Maintenance**Subsection:** Laundry Equipment

- 1: All Lint box cleaning. ☒ Not Applicable
- 2: Any water leakages at the equipment ☒ Not Applicable
- 3: Steam temperature of Dryers. ☒ Not Applicable
- 4: Dryer and washing machine V belts ☒ Not Applicable
- 5: Calendar machine v belts. ☒ Not Applicable
- 6: All equipment oiling and greasing condition ☒ Not Applicable
- 7: Heat recovery system ☒ Not Applicable

Section: Preventive Maintenance**Subsection:** Guest Rooms & Ken Fixit Rooms

1: All lights working Status

Rating: 10

2: Overall FCU checking

Rating: 8

Attachments :

QUE129_IMG_20190227_180842.jpg

QUE129_IMG_20190227_181248.jpg

Observation Text :

202 and 241- FCU filter blocked

3: Trap door cleaning. **NC**

Rating: 7

Attachments :

QUE130_IMG_20190227_175245.jpg

Observation Text :

308-electrical db lot of dust

4: Bathroom checking.

Rating: 8

Attachments :

QUE131_IMG_20190227_181758.jpg

Observation Text :

shower head need to be clean properly

5: Painting and Polishing.

Rating: 10

6: Painting and Polishing. ☒ Not Applicable

7: Wardrobe door noisy.

Rating: 10

8: Key tag working status.

Rating: 10

9: DND and HK working status. ☒ Not Applicable

10: Guest rooms PM Monthly targets **NC**

Rating: 6

Observation Text :

Target 74/ achieved 35 rooms=47% completed

Section: Preventive Maintenance

Subsection: Shower Heads, Public Area Toilets

1: Check list.

Rating: 10

2: Achieving of monthly targets.

Rating: 9

3: Physical condition of shower head

Rating: 9

Section: Preventive Maintenance

Subsection: Earth Pits and Leakage Currents

1: Earth Pit Numbering

Rating: 9

2: Earth Pit value checking Status or check list

Rating: 9

3: All earth Pit Nut & Bolt Status

Rating: 9

4: Earth Pit covering

Rating: 10

Section: Preventive Maintenance

Subsection: Heat Pumps

1: Thermostats display

Rating: 10

2: After reaching set point cut off status.

Rating: 10

3: Evaporator Coil cleaning.

Rating: 10

4: Compressor electrical terminals.

Rating: 10

5: Main electrical panel

Rating: 10

Section: Preventive Maintenance

Subsection: Cold Rooms

1: Thermostats display

Rating: 10

2: After reaching set point cut off status.

Rating: 10

3: Evaporator Coil cleaning / Defrosting / ice formation.

Rating: 10

- 4: Compressor electrical terminals.

Rating: 10

- 5: Condenser coil cleaning.

Rating: 10

- 6: Main electrical panel.

Rating: 10

- 7: Physical observations if any.

Rating: 10

Section: Preventive Maintenance

Subsection: All Kitchen Equipments

- 1: Internal preventive maintenance schedule.

Rating: 10

- 2: History cards updation & placing at equipment.

Rating: 10

- 3: Physical observations.

Rating: 10

- 4: Main panels and breakers

Rating: 10

- 5: All equipment earthing and other safeties observations.

Rating: 10

- 6: Sockets and switches condition

Rating: 10

Section: Performance of Machinaries Efficiency with Safeties

Subsection: Chillers, Chiller Pumps & Cooling Towers

- 1: Chiller plants Physical condition.

Rating: 10

- 2: Chiller Refrigerant operating pressure.

Rating: 10

Observation Text :

at 50% load - Evaporator ref.pressure- 46psig and condensor-97.3 psig

- 3: Chiller Refrigerant pressure relief valve condition.

Rating: 10

- 4: Chiller Crank case heater / Oil separator heaters condition

Rating: 10

5: Condenser Approach / Evaporator Approach Temperatures

Rating: 10

Observation Text :

at 50% load Condensor approach is 1.3 and evaporator approach is 0.9 degrees

6: Condenser/ Primary Pump Status

Rating: 10

Observation Text :

Good

7: Cooling towers sump and fills condition

Rating: 8

Observation Text :

No. of times cleaning schedule to be increase.

8: Cooling tower make up water quality and water standards

Rating: 10

9: Cooling tower makeup water float system.

Rating: 10

10: Cooling tower fan safety grill

Rating: 10

11: Chilled water air relief valves

Rating: 10

12: Chilled water lines insulation condition.

Rating: 10

13: Feed Water Quality and standards

Rating: 10

Section: Performance of Machinaries Efficiency with Safeties**Subsection:** Boilers Hot Water & Steam Boiler1: Physical Condition / Observations ☒ Not Applicable2: Feed water pump Leakage and belt condition ☒ Not Applicable3: Fuel Pump condition ☒ Not Applicable4: Steam Blowdown time as per limit ☒ Not Applicable5: Steam High pressure safety valve ☒ Not Applicable6: Steam Valves condition-If any leakage ☒ Not Applicable7: Steam High Pressure cut off ☒ Not Applicable

- 8: Steam High temperature tripping ☒ Not Applicable
- 9: Feed water low level tripping ☒ Not Applicable
- 10: Photo cell condition ☒ Not Applicable
- 11: Operating parameters ☒ Not Applicable
- 12: Exhaust blower condition and Smoke color ☒ Not Applicable
- 13: All pressure gauges functioning ☒ Not Applicable
- 14: Steam line insulation ☒ Not Applicable
- 15: HSD and Feed water tanks and gauges condition ☒ Not Applicable
- 16: Flexible high / low pressure hose pipes condition ☒ Not Applicable
- 17: Economizer condition ☒ Not Applicable
- 18: Economizer condition ☒ Not Applicable
- 19: History cards
Rating: 10
- 20: Inlet and out let Water temperatures
Rating: 10
- Observation Text :
inlet 44degree and out let -47.5
- 21: Inlet and out let Water Pressures ☒ Not Applicable
- 22: Photo cell condition
Rating: 10
- 23: Operating parameters
Rating: 10
- 24: Flexible hose pipes condition ☒ Not Applicable
- 25: HSD and Feed water tanks and gauges condition ☒ Not Applicable
- 26: AMC Reports ☒ Not Applicable
- 27: History cards
Rating: 10

Section: Performance of Machinaries Efficiency with Safeties

Subsection: Pumps & WTP

- 1: Physical Condition of the filters

Rating: 10

- 2: Water leakages

Rating: 8

Attachments :

QUE204_IMG_20190227_165252.jpg

Observation Text :

Raw water pump leak

- 3: Water quality and standards

Rating: 10

- 4: Water Tanks cleaning schedule

Rating: 10

- 5: Water tank cover condition

Rating: 10

- 6: History cards

Rating: 10

Section: Performance of Machinaries Efficiency with Safeties**Subsection:** Hydro Pneumatic System & STP

- 1: Physical Condition of the Pumps

Rating: 10

- 2: HNS Pumps Auto pressure controlling

Rating: 10

- 3: HNS VFD operation-Alarms

Rating: 10

Observation Text :

no alarm

- 4: HNS Display condition and pumps auto status

Rating: 10

- 5: HNS safety-Float control

Rating: 10

- 6: Water distribution lines condition

Rating: 10

- 7: STP water quality

Rating: 10

8: STP Plant condition

Rating: 10

9: Physical Condition of the filters

Rating: 10

10: Water leakages

Rating: 10

11: History cards

Rating: 10

Section: Performance of Machinaries Efficiency with Safeties

Subsection: Elevators

1: ARD System. ☒ Not Applicable

2: Emergency Alarm

Rating: 10

3: Door Sensor.

Rating: 10

4: Car any abnormal noisy.

Rating: 10

5: Annual safety reports.

Rating: 10

Observation Text :
available

6: AMC Reports.

Rating: 10

7: Firemen switch Status. ☒ Not Applicable

8: All elevators Electrical DB status.

Rating: 10

9: Machine Room Status.

Rating: 10

Section: Performance of Machinaries Efficiency with Safeties

Subsection: Air Handling Units & Ventilation System

1: AHU Filters status. **NC**

Rating: 7

Attachments :

QUE229_IMG_20190226_154516.jpg

Observation Text :

Residence pre function ahu filters got damage need to be replaced with new

2: AHU Drain status.

Rating: 10

3: Ahu Actuator System status. ☒ Not Applicable

4: Ahu door safety switch status. ☒ Not Applicable

5: AHU COIL & COIL base condition

Rating: 10

6: AHU blower and motor condition

Rating: 10

7: AHU physical condition **NC**

Rating: 7

Attachments :

QUE235_IMG_20190227_173607.jpg

8: Exhaust blowers physical condition

Rating: 10

9: Exhaust blowers Motor condition

Rating: 10

10: Exhaust blowers bearings condition

Rating: 10

11: Exhaust blowers Delivery duct and canvas connection

Rating: 10

12: Exhaust blowers starter panel condition

Rating: 10

13: Exhaust blowers V belts Safety grill

Rating: 10

Section: Performance of Machinaries Efficiency with Safeties

Subsection: Transformers, Switchgear & Panels

1: Physical observations.

Rating: 10

2: Oil leakages.

Rating: 9

3: Silica gel. **NC**

Rating: 7

Attachments :

QUE244_IMG_20190226_162428.jpg

QUE244_IMG_20190226_162641.jpg

4: TEST REPORTS.

Rating: 10

Observation Text :
available

5: RTCC Panel status. ☒ Not Applicable

6: OIL Level.

Rating: 10

7: Buchholz Relay.

Rating: 10

8: Winding Temperature

Rating: 10

9: Oil Temperature

Rating: 10

10: VCB or HT Panel.

Rating: 10

11: HT Relays.

Rating: 10

12: CTPT any oil leakages.

Rating: 10

13: ACB' S safety lock system.

Rating: 10

14: Earth pits reports and condition

Rating: 10

Section: Performance of Machinaries Efficiency with Safeties

Subsection: Generators

1: Physical observations.

Rating: 9

Attachments :

QUE256_IMG_20190226_175837.jpg

Observation Text :

380kva DG set chimney area fully rust formation.

2: A- check reports.

Rating: 9

3: B- check durations.

Rating: 10

Observation Text :

Both DG set B.check not done since 14 months

4: Engine oil level.

Rating: 9

5: AMF panel.

Rating: 10

6: Battery voltages & distill water etc.

Rating: 8

Attachments :

QUE261_IMG_20190226_180428.jpg

Observation Text :

380 kVA DG set battery distilled water is very less

7: Digital meters.

Rating: 10

8: Electrical parameters.

Rating: 10

9: Emergency stop.

Rating: 10

10: Coolant water level or related cooling tower status.

Rating: 10

11: Diesel tank and line status.

Rating: 10

Section: Performance of Machinaries Efficiency with Safeties

Subsection: Fire Alarm & Firefighting System

1: Fire panel Status.

Rating: 10

2: Repeater panel Status. ☒ Not Applicable

3: Fire Pumps water leakages.

Rating: 10

4: Fire line Pressure check and auto system

Rating: 10

5: Emergency fire Pump On / Off status.

Rating: 10

6: Fire Emergency pump any oil leakages.

Rating: 10

7: Fire line condition

Rating: 10

8: Hydrant points condition

Rating: 10

9: Hydrant boxes condition and accessories as per standards

Rating: 10

10: Sprinklers condition

Rating: 10

Section: Performance of Machinaries Efficiency with Safeties

Subsection: Laundry Equipment

1: All Lint box cleaning. ☒ Not Applicable

2: Water leakages at the equipment ☒ Not Applicable

3: Steam leakages ☒ Not Applicable

4: Steam Driers temperatures ☒ Not Applicable

5: Steam Driers coils condition ☒ Not Applicable

6: Steam Driers V-belts safety guards ☒ Not Applicable

7: Steam Driers safety -door limit switch ☒ Not Applicable

8: Washing machine Door safety ☒ Not Applicable

9: Calendar machine safeties ☒ Not Applicable

10: Hydro extractor safety switch. ☒ Not Applicable

11: Heat recovery system. ☒ Not Applicable

12: Running steam lines condition / insulation. ☒ Not Applicable

13: Dry cleaning machine are safety tools ☒ Not Applicable

14: History Cards ☒ Not Applicable

Section: Performance of Machinaries Efficiency with Safeties

Subsection: Heat Pumps

1: Temperature controller display and functioning

Rating: 10

- 2: Evaporator Coil Condition
Rating: 10
- 3: Evaporator fan condition
Rating: 10
- 4: Inlet and Outlet temperatures
Rating: 10
- 5: Water circulation pumps condition auto/ manual.
Rating: 10
- 6: Physical observations if any.
Rating: 10
- 7: Water leakages
Rating: 10
- 8: History Cards
Rating: 10

Section: Performance of Machinaries Efficiency with Safeties

Subsection: Cold Rooms

- 1: Temperature controller display and functioning
Rating: 10
- 2: Evaporator Coil Condition
Rating: 10
- 3: Evaporator fan condition
Rating: 10
- 4: After reaching set point cut off status.
Rating: 10
- 5: Defrosting system/ ice formation.
Rating: 10
- 6: Condenser condition
Rating: 10
- 7: Compressor conditon
Rating: 10
- 8: Coldroom Door closer and gasket
Rating: 8

Attachments :

QUE306_IMG_20190226_165530.jpg

QUE306_IMG_20190226_170150.jpg

Observation Text :

veg cold room door gasket need to be replaced. Non veg cold room door not closing properly

9: Coldroom Door PVC Strips

Rating: 10

10: Electrical panel condition

Rating: 10

11: Emergency buzzer functioning **NC**

Rating: 7

Attachments :

QUE309_IMG_20190226_165310.jpg

QUE309_IMG_20190226_170043.jpg

Observation Text :

veg and non veg cold room emergency buzzer switch got damage

12: Coldroom Inside lighting

Rating: 8

Attachments :

QUE310_IMG_20190226_165910.jpg

Observation Text :

Non veg cold room light fitting need to be replace

13: Cold room inside flooring condition

Rating: 8

Attachments :

QUE311_IMG_20190226_165432.jpg

Observation Text :

veg cold Room tile got crack

14: Physical observations if any.

Rating: 10

15: AMC Report

Rating: 10

16: History Cards

Rating: 10