FIRE SAFETY ASSESSMENT

By eGrowth Training and Consultancy Services

PREPARED FOR:	**M/s. Uniproducts India limited** *Jarthal Village Road, 84 KM Stone, Delhi Jaipur Highway Village Sangwari, Distt. Rewari - 123401 (Haryana) India*
PREPARED BY:	eGrowth Training and Consultancy Services
ASSESSOR/AUDITOR:	Mr. Vishal Sahu
DATE:	03rd May 2025

eGrowth Training and Consultancy Services

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Issue and Revision Status

Reference No.	Revision No.	Revision Date	Remarks
eGrowth/FSAR/001	R00	21st Sep. 2023	New Template

Authorized By:	Email:
Sanjay Gupta [+91-9582390987]	info@egrowthindia.com

Revision Record

Revision No.	Date	Revision History	Prepared By	Reviewed By	Authorized By
R00	21.09.2023	First issuance	Amit Singh	Pushpender Sharma	Sanjay Gupta

Disclaimer:

This report is confidential to the Client, and we accept no responsibility of whatsoever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report at their own risk.

This inspection has been carried out to the best of our knowledge & our responsibility is limited to the exercise of reasonable care. This Report of Findings reflects our findings at the time & place of inspection and is not intended to relieve the seller from their contractual obligations.

This document follows the generic content of audit report preparation in reference to:

- **NBC 2016, Part 4 - Fire & Life Safety**: Comprehensive fire safety norms for all occupancies.
- **The Factories Act, 1948 & State Factory Rules**: Mandates fire prevention and emergency measures.
- **IS Standards by BIS**:
  - IS 2190: Fire extinguisher selection & maintenance
  - IS 3844: Internal fire hydrant systems
  - IS 8758: Manual fire alarm systems
- **Local Building Bye-Laws & Fire Department Guidelines**: Including Fire NOC requirements.
- **Insurance/ TAC Guidelines**: Risk assessment and system adequacy as per insurer norms.

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1. EXECUTIVE SUMMARY

eGrowth Training and Consultancy Services, (herein after referred to as 'eGrowth) is commissioned by **Uniproducts India limited** (hereinafter referred to as the 'Client') to conduct a **FIRE SAFETY ASSESSMENT** at their facility located at **Jarthal Village Road, 84 KM Stone, Delhi Jaipur Highway Village Sangwari, Distt. Rewari - 123401 (Haryana) India**, (hereinafter referred to as the 'Site').

The audit was conducted on **03rd May 2025** to assess the level of compliance with applicable fire safety regulations, including the National Building Code of India (NBC) Part 4, relevant IS standards, and local fire authority guidelines. The assessment included:

- A review of fire safety documentation, equipment maintenance records, and statutory approvals
- Physical inspection of fire detection, alarm, and suppression systems
- Evaluation of means of escape, emergency lighting, and fire exits
- Interaction with personnel to assess awareness and emergency preparedness

The purpose of this **FIRE SAFETY ASSESSMENT** is to evaluate the effectiveness of fire prevention, protection, and response systems in place within the building, with the aim of ensuring life safety, property protection, and regulatory compliance. The assessment identifies potential fire hazards and evaluates the adequacy of existing controls, infrastructure, and emergency preparedness measures.

The scope of this assessment covers all operational areas of the site and related common spaces accessed by employees and visitors, including entry points, work zones, utility areas, storage areas, and emergency evacuation routes.

The assessment was conducted by the eGrowth team using structured checklists based on applicable fire safety codes and standards. The evaluation included inspection of active and passive fire protection systems, availability and condition of firefighting equipment, signage, emergency exits, and interviews with designated safety personnel.

It is to be emphasized that all findings should be given due attention and be ensured that the solutions are documented and that the observations are brought to a satisfactory closure.

Note# The overall assessment score was **75% (40 points out of a possible 53),** placing the facility in risk **category C** with a **High-risk level** that requires immediate improvement. Refer Section 4.0.

2. INTRODUCTION

2.1 PROJECT BACKGROUND

eGrowth Training and Consultancy Services, (herein after referred to as 'eGrowth) is commissioned by **Uniproducts India limited** (hereinafter referred to as the 'Client') to conduct a **FIRE SAFETY ASSESSMENT** at their facility located at **Jarthal Village Road, 84 KM Stone, Delhi Jaipur Highway Village Sangwari, Distt. Rewari - 123401 (Haryana) India**, (hereinafter referred to as the 'Site').

This report presents the approach and findings of the Assessment carried out by eGrowth for the client's premise.

2.2 OBJECTIVE AND SCOPE OF WORK

The objective of this Audit/Assessment is to evaluate the sites's preparedness in preventing, detecting, and responding to fire-related incidents, ensuring the safety of occupants and protection of assets in accordance with applicable fire safety codes and standards.

The scope of this assessment is limited to the areas of the site occupied and accessed by the Client's employees and visitors. This includes all major workspaces, common areas, utility zones, and circulation paths from the point of entry to various functional sections of the facility.

The general information of this audit is as summarized below:

Site Name:	Uniproducts India limited
Site Address:	Jarthal Village Road, 84 KM Stone, Delhi Jaipur Highway Village Sangwari, Distt. Rewari - 123401 (Haryana) India
Total Floors:	-
Total area:	
Occupancy Type / Use of Premises:	Design and manufacturing of non-woven fabric, rolled and moulded carpets, trims and NVH
Owner/Employer/In-charge of Workplace	Mr. Mukesh Kumar (Plant Head)
Responsible Person:	Mr. Anil Kumar (Safety Head)
Key Personnel Consulted During Audit:	Mr. Mukesh Kumar, Mr. Anil Kumar, Mr. Gulsan and Others
Existing Fire NOC Status (if any)	FS/2022/554, dated 22.12.2022, valid till 21.12.2025
Date (s) of Audit:	03rd May 2025
Audit Undertaken by:	Mr. Vishal Sahu

2.3 LIMITATIONS AND DISCLAIMER

This report is issued by eGrowth under its General Terms and Conditions of Service, available (will be shared when requested). Attention is specifically drawn to the limitations of liability, indemnification, and jurisdictional clauses contained therein.

The findings presented in this report are the result of eGrowth's professional judgement, applied in good faith and based on information made available by the Client as well as on-site observations during the audit/assessment. These findings reflect conditions observed on the date of the assessment and are subject to the scope, time, and resource constraints agreed upon.

This report is based solely on visual inspection, document review, and personnel interaction conducted on the date of the site visit. eGrowth is not liable for any hidden deficiencies or conditions that may emerge after the audit date or were not evident during the audit.

This document is intended exclusively for the use of the Client. Any unauthorized use, reproduction, or alteration of this report is strictly prohibited and may be subject to legal action.

In addition, the information provided in this report is not constitute legal or statutory certification and should not be interpreted as legal advice.

3. APPROACH & METHODOLOGY

3.1 REGULATION & REFERENCE GUIDELINES

The fire safety audit has been conducted with reference to the following regulations, codes, and standards:

a) National Building Code of India (NBC) – Part 4: Fire and Life Safety
b) Relevant Indian Standards (IS) pertaining to fire protection systems and equipment (e.g., IS 4489, IS 2190, IS 2189)
c) Guidelines issued by local fire authorities and the Directorate of Fire Services
d) Client-specific fire safety policies, protocols and site emergency plans

These guidelines collectively outline the minimum fire safety requirements for the design, maintenance, and operational control of buildings to safeguard life and property. The NBC Part 4 forms the primary reference framework, supplemented by applicable IS codes and local regulations.

Where more stringent local regulations are applicable, they take precedence over general standards. In cases where local codes are absent or minimal, the NBC and IS standards serve as the baseline for compliance.

eGrowth auditors collected evidence through document review, physical inspection of fire safety installations, verification of maintenance records, and discussions with responsible site personnel. Non-compliances were photographed with prior consent from the client.

3.2 ASSESSMENT METHOD

A structured checklist was used to evaluate fire prevention, detection, protection, evacuation measures, and emergency preparedness in alignment with applicable national regulations, including NBC Part 4, relevant IS standards, and local fire safety norms, which was used to conduct **FIRE SAFETY ASSESSMENT.**

The checklist was adapted to reflect specific site conditions and supplemented with best practices where local regulations were silent or not explicit. Additional criteria were included where beneficial to enhance fire risk mitigation, even if not mandated by law or client policy.

The assessment process involved a combination of document review, physical inspection of fire safety systems, validation of operational practices, and consultation with site personnel responsible for fire safety.

During the on-site audit, eGrowth auditor followed a journey of sequence, focusing on the fire safety categories listed in Table 2.1 below:

Table 2.1 - Category Overview

Categories	Title	Description
Category 1	Statutory Requirements & Hazardous Materials	Assessment of compliance with legal fire safety obligations, fire NOC, licenses, and hazardous material storage/handling practices.
Category 2	Management Focus & Fire Safety Process Framework	Evaluation of fire safety governance, roles and responsibilities, policies, periodic audits, and reporting mechanisms.
Category 3	Compartmentalization/ Automatic Detection & Suppression / Fire Fighting Equipment	Review of fire compartments, fire doors, alarms, sprinklers, detectors, hydrants, extinguishers, and their maintenance status
Category 4	Fire Prevention – Emergency Preparedness & Training	Verification of evacuation plans, drills, signage, assembly points, and training provided to employees and contractors
Category 5	Fire Prevention – Electrical Safety	Inspection of electrical systems, panel safety, thermal imaging records, cable management, and preventive maintenance

3.3 PRIORITISING ACTIONS / RECOMMENDATION

Actions / recommendations to remediate the findings of the assessment were prioritized based on the above category as summarized in Table 2.2 below:

Table 2.2 - Actions / Recommendation Priority

Risk Category	Score	Risk Level	Interpretation
Category A	Score >85%	**Low**	Good Fire Safety Measures implementation
Category B	Score from 65% to 84%	**Medium**	Satisfactory Fire Safety Measures implemented - **NEEDS IMPROVEMENT**
Category C	Score <=65%	**High**	NG Fire Safety Measures - **NEEDS IMMEDIATE IMPROVEMENT**

4. RESULTS SUMMARY

4.1 SUMMARY OF RESULTS

Based on the outcome of on-site assessment:

- **Overall assessment score & classification - Actual** for all Categories is 33, which is 75% of total score. Hence, it lies in risk category C and have medium risk level.

The assessment result for each of the accessibility topics are summarized according to the following system of categories:

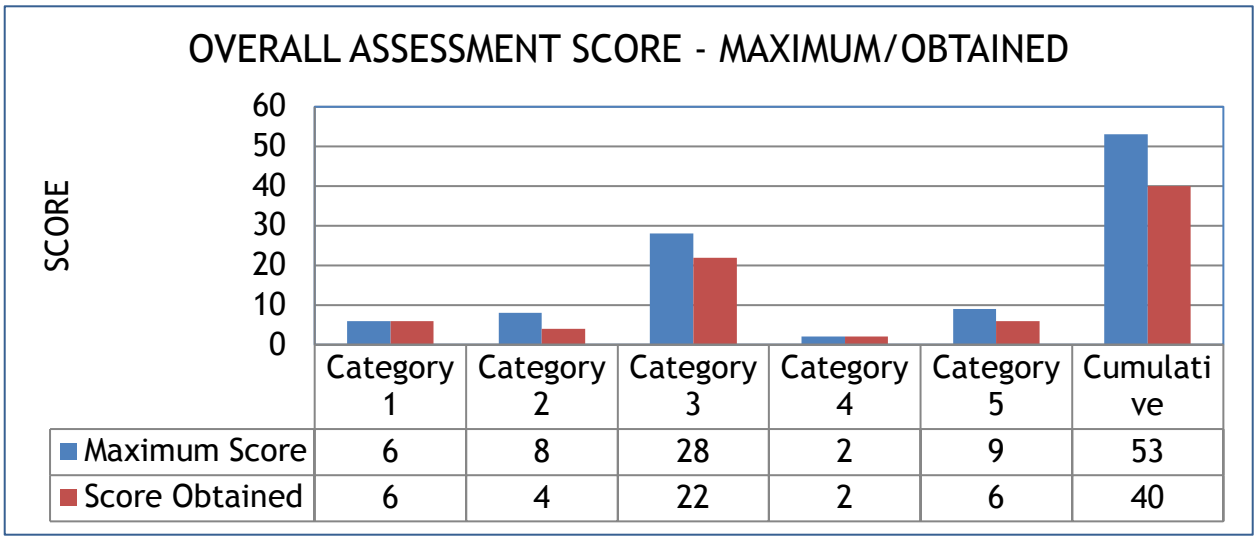
Criteria for assessing compliance:

Priority Category	Description
Yes	Compliance with current requirements baseline provisions
No	Non- Compliance with requirements baselines provisions
N/A	Non-Applicable

Table 3.1 - Summary of Results

Category	Description	Total No. of Checkpoints	No. of checkpoints applicable	Score Obtained
Category 1	Statutory Requirements & Hazardous Materials	8	6	6
Category 2	Management Focus & Fire Safety Process Framework	8	8	4
Category 3	Compartmentalization/Automatic Detection & Suppression / Fire Fighting Equipment	32	28	22
Category 4	Fire Prevention – Emergency Preparedness & Training	2	2	2
Category 5	Fire Prevention – Electrical Safety	9	9	6
Cumulative	Total	59	53	40
			Overall Assessment Score	**70%**

Figure 3.1 - Result Summary



	Category 1	Category 2	Category 3	Category 4	Category 5	Cumulative
Maximum Score	6	8	28	2	9	53
Score Obtained	6	4	22	2	6	40

4.2 SUMMARY OF NOTEWORHTY POINTS

By consolidating all audit points and findings, several conformances belonging to the baseline requirements category were commonly achieved, these conformances are mostly found in the following areas:

a) The plant has a valid Fire NOC (Ref: FS/2022/554) effective till 21.12.2025 and maintains updated licenses for petroleum storage, complying with statutory requirements.
b) A fire safety organization structure is well defined with trained fire marshals and 95 fire volunteers available across shifts, ensuring quick emergency response.
c) Fire risk assessment was conducted on 25.07.2024, and all recommended corrective actions have been implemented, showing strong risk mitigation intent.
d) The hydrant system includes main, jockey, and diesel pumps; water pressure is maintained at 7 kg/cm^2 with verified tank capacity for over 100 minutes of firefighting.
e) A fire alarm panel is installed and integrated with both main control and repeater units, supported by a hooter network covering the entire facility (38 speakers, 34 MCPs).
f) Flammable cylinders and HSD tanks are stored in segregated, ventilated areas with bunding, anchoring, warning signage, and clearly displayed quantity limits.
g) Flameproof and spark-proof fittings are installed in HSD and hazardous storage areas, along with appropriate grounding and warning signage.
h) Fire extinguishers are well-maintained, with periodic checks performed as per IS 2190. Extinguisher layout and identification are visible and compliant.
i) The fire pump room is equipped with a jockey pump, electric main pump, and diesel pump, all of which are functional and regularly tested.

j) Mock fire drills are conducted quarterly, with the latest held on 19.04.2025. Emergency procedures are documented and evacuation maps are displayed at prominent locations.

4.3 SUMMARY OF NON-CONFORMANCE

Based on the outcome of the assessment, findings across various categories have been consolidated below. These findings are non-conformance against the relevant criteria to focuses on strengthen fire prevention, detection, protection, and emergency response measures within the facility. Implementing measures against these findings will enhance overall fire safety preparedness and foster a culture of proactive risk management among stakeholders and facility managers.

Table 3.2 - Summary of Major Findings / Non-conformances and Recommendations

Sr. No.	Description	Criticality	Evaluations			Countermeasure / Action Plan	Recommendations
			Yes	No	N/A		
Category 1 - Statutory Requirements & Hazardous Materials							**None**
Category 2 - Management Focus & Fire Safety Process Framework							
4	Are all the "Fire Prone Areas" identified in the plant premises			N		No Fire-prone areas are identified in emergency plan, including for fuel storage zones.	Conduct a full area-wise fire risk zoning and clearly mark all fire-prone areas on site layout with display boards.
10	Is there a 'Hot Work Permit System' designed and implemented in the Plant?			N		The work permit system is Available, but is not being followed.	Re-train all operators and supervisors on Hot Work Permit SOP; display checklists at work areas and perform internal audits.
11	**Does the Hot Work Permit System include/ addresses the following :**						
a	Charged Portable Fire extinguisher placed near the Hot Works Area and a trained member available for its usage in case of emergencies.			N		No activity witnesses, however as per past records it was concluded that It is not being followed.	Ensure presence of trained fire watch personnel and charged extinguisher near hot work every time; verify with photographs.
b	All hazardous and flammable material are kept away from the hot work area			N			Strictly enforce removal of all flammable materials before work; cross-verify with permit checklists and safety team rounds.
14	Is Housekeeping maintained throughout the plant premises e.g.			N		Multiple Cases of poor housekeeping, open electrical	Implement 5S audits in each zone; define area-wise

	(Cleaning of cobwebs, dust, oil, silt on wires and electrical installations etc.)					panels, blocked pathways, fire extinguisher, etc.	responsibility; display checklists and photos of cleaned areas regularly.
Category 3 - Compartmentalization/Automatic Detection & Suppression / Fire Fighting Equipment							
1	**Are fire proof compartments along with fire proof doors installed within the Building (to prevent the spread of fire) for isolation of fire prone areas for below mentioned areas, as applicable:**						
a	Server Room			N		However, Smoke detectors installed at distances exceeding 3 meters.	Reposition smoke detectors within 3 m distance or add supplementary detectors as per NBC guidelines.
4	**Is there Automatic suppression system (Sprinkler System) available for Office Building/Area?**						
a	Low Hazard Industry Type(G1 Category) - Required for Office Space Greater than 500 sq mtr			N		Installed and functional. However, Installation of additional cloth layers to prevent bird droppings has obstructed smoke detectors and fire sprinklers.	Remove or replace all cloth layers; implement bird control netting as a preventive measure instead.
b	Moderate Hazard Industry Type (G2 Category) - Required for all office sizes			N			
c	High Hazard Industry Type (G3 Category) - Required for all office sizes			N			
5	**Is Automatic Fire Detection (Smoke Sensors) & Alarm system provided for office building area?**						
a	Low Hazard Industry Type(G1 Category) - Required for Office Space Greater than 500 sq mtr			N		Smoke detectors installed and tested monthly. However, Smoke detectors installed at distances exceeding 3 meters.	Re-install smoke detectors at intervals ≤3 m
b	Moderate Hazard Industry Type (G2 Category) - Required for all office size above 500 sq mtr			N			
c	High Hazard Industry Type (G3 Category) - Required for all office size above 50 sq mtr			N			
6	Is there Automatic suppression system (Sprinkler System) available for all type of Storage Area?			N		Installed in RM and FG stores (>250 m^2). However, Smoke detectors installed at distances exceeding 3 meters.	Re-install smoke detectors at intervals ≤3 m
7	Is Automatic Fire Detection (Smoke Sensors) & Alarm system provided for all			N		Fire system found not active/operational.	Adjust detector layout or add

	type of storage area? If storage area greater than 250 sq mtr						sprinklers to improve coverage.
14	Are all portable fire extinguishers placed at a maximum approachable distance of 15 meters and maintained periodically with proper records			N		162 units installed; tested yearly for refilling; all checks OK. However, Monthly inspection tags not present on fire extinguishers to document condition monitoring	Affix monthly inspection tags on all units; train safety team to document date, pressure, and visual condition.
16	Are all portable fire extinguishers easily accessible for usage and not obstructed or hidden?			N		1. Fire Extinguisher #29 located between two fire hazards (electrical panels). 2. Fire Extinguisher #78 access blocked with materials. 3. Fire Extinguisher #78 access blocked with materials.	Either Relocate Fire Extinguisher #29 and #78 or remove obstruction; create a red zone marking to ensure permanent clearance.
18	Is there a Fire Hydrant System installed and operational in the Plant Premise?			N		Fully operational with main, jockey & DG pumps. 1. However, Main valve of fire hydrant system found closed. Only nozzle should be shut off. 2. Fire hydrant rotation found obstructed by side railing.	Keep main valve open; only nozzle valves should be shut. Add signage and periodic inspection. Clear railing or adjust position to allow unobstructed nozzle rotation.
21	Are all fire hydrants in the plant premises clearly accessible?			N		Yes, out of all 37 points mostly are accessible. However, many Fire hydrant found blocked with material.	Clear all access pathways; implement daily checklist for hydrant accessibility.
Category 4 - Fire Prevention — Emergency Preparedness & Training							
6	Are all defined fire exits easily accessible & Openable in outward direction only?			N		Yes, exits are outward opening and accessible. However, Pathway found blocked with material.	Remove all obstructions immediately; ensure exit route marking is visible and walkable.
7	Are all escape routes and emergency exits clearly identified with glow signage boards?			N		Glow signage not provided—must be installed at exits and escape routes.	Install glow-in-dark exit and escape route signage throughout all emergency paths.
9	Is an adequate public address system installed and operational in the plant covering all locations for effective and audible			N		Not fully available; PA system only in admin office—needs full-plant coverage.	Extend PA system to all production and utility zones with audio testing during drills.

	communication in case of emergencies?						
10	**Does the plant have other Emergency Fire Fighting Equipment's as mentioned below:**						
a	Battery operated megaphone			N		Not available— recommended to procure for emergency announcements.	Procure minimum 2 rechargeable megaphones and place in security and control rooms.
Category 5 - Fire Prevention — Electrical Safety							
2	Are all electrical installations, panels, equipment's and appliances being maintained periodically with proper documentation and records of maintenance?			N		Ye, Ensured periodic maintenance logs are documented and up-to-date. However, in many Machines panels open on both sides with evidence of wool contamination inside. Material kept inside panels, jumbled wire were found, direct connection with proper connectors were taken.	Close open panels; remove foreign objects; replace all wool insulation with FR material; reorganize wiring.
3	Are Spark Proof electrical fittings provided in flammable material processes / storage area?			N		Yes, flameproof fittings installed in HSD yard. However, Wire connected without proper plug, exposing live terminals.	Use proper flameproof plug terminals; eliminate all open wire joints in hazardous areas.
5	Are isolation switches (MCCB's/ MCB's) provided for isolation/control of main power supply in offices / shop-floors / plant buildings / canteen / warehouses etc. and is easily accessible			N		Yes, switches are installed and accessible (Ref: LT Panel Room setup). However, Emergency switch location inaccessible to workers.	Relocate emergency isolation switch to visible, unblocked location and mark with signage.

Note# *Refer Annexure 5.3 for pictorial observations and proposed actions*

4.4 SUMMARY OF RECOMMENDATIONS

Based on the consolidated non-conformances observed during the assessment, the following recommendations are proposed to enhance fire prevention, detection, protection, and emergency response across the facility. Addressing these points will strengthen preparedness, compliance, and instill a proactive safety culture.

Summary of Recommendations (Linked to NCs)

1. Conduct comprehensive fire zoning across the facility, including all utility, storage, and operational areas.
2. Reinforce the implementation of the Hot Work Permit system through training, regular audits, and visible SOP displays.
3. Ensure fire extinguishers and trained staff are available at every hot work site, and flammable items are cleared prior to initiation.
4. Launch structured 5S implementation with clear accountability, especially for electrical rooms, fire paths, and panel areas.
5. Install a fire-rated wall between LT Panel and transformer area to ensure fire containment.
6. Reposition detectors to meet ≤3 m coverage criteria in offices, electrical rooms, and storage zones.
7. Remove bird droppings protection materials that hinder detector/sprinkler operation; install netting instead.
8. Activate and test the alarm/detection systems across all areas; engage AMC if needed.
9. Introduce monthly inspection tagging and condition monitoring practices for all extinguishers.
10. Clear all blocked extinguishers and hydrants; mark clear access zones.
11. Ensure main valves remain open; restrict closure to nozzles only with signage support.
12. Remove all pathway blockages and install glow-in-dark signage.
13. Extend the PA system to cover the entire facility for emergency announcements.
14. Procure essential items like megaphones, fire beaters, crash axes, fire suits, and SCBA kits.
15. Remove foreign materials from panels, close open ends, and reorganize wiring to avoid ignition risk.
16. Ensure proper flameproof plug connections in all flammable zones.
17. Reposition emergency isolation switches to clearly visible and accessible locations.

Summary of Additional Recommendations

To enhance safety governance and proactively embed fire safety within operational culture, the following broader recommendations are made:

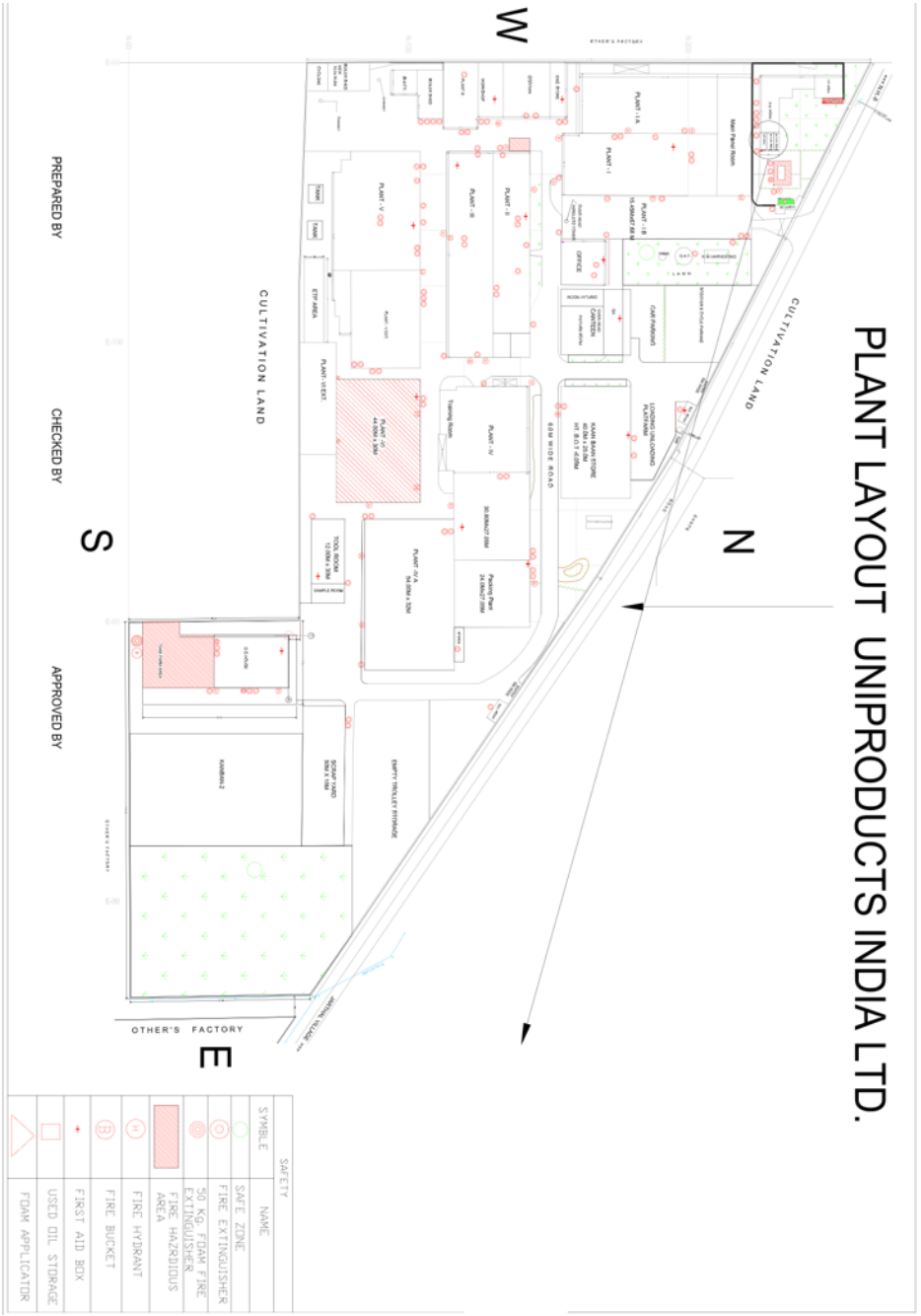
1. A comprehensive study to evaluate the adequacy of fire systems and its installation against standard should be undertaken.
2. Frequency of duct cleaning should be increased to Improve the working conditions of employee and prevent energy loses in ventilation system.
3. Leakage of oil from heat exchangers in plant 6 was detected which is causing production material(cotton/wool) to stick to machinery, roof and ducts thereby causing chocking of ducts
4. Ensure Hot Work and other permit systems are strictly monitored and logged.
5. Upgrade to industry best practices, including root cause analysis and learning documentation.
6. Establish a robust mechanism to ensure all corrective and preventive actions are effectively closed and verified.

7. Include all fire safety systems and electrical assets in a time-bound preventive maintenance plan.
8. Start each workday with a brief safety topic or observation shared by shift leaders.
9. Allocate 5–10% of senior management's KRA toward safety and fire compliance targets.
10. Introduce defined penalties for safety violations by employees, vendors, or contractors.
11. Ensure no employee/vendor enters operations without PPE and documented safety induction coordinated by both HSE and Security.

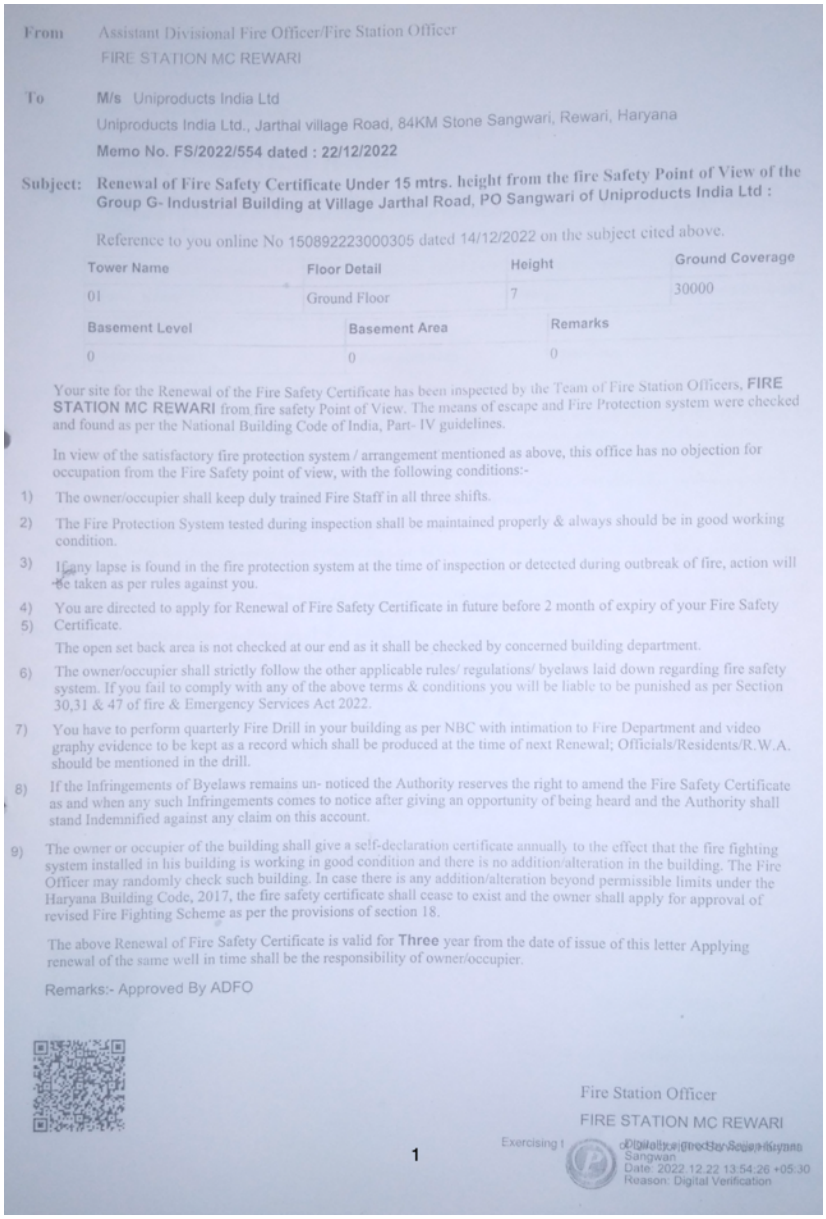
Implementing these recommendations can help improve accessibility for all employees and stakeholders.

5. APPENDICES

5.1 APPENDIX A: EMERGENCY EVACUATION PLANS



5.2 APPENDIX B: COPY OF FIRE NOC



From Assistant Divisional Fire Officer/Fire Station Officer
FIRE STATION MC REWARI

To M/s Uniproducts India Ltd
Uniproducts India Ltd., Jarthal village Road, 84KM Stone Sangwari, Rewari, Haryana

Memo No. FS/2022/554 dated : 22/12/2022

Subject: Renewal of Fire Safety Certificate Under 15 mtrs. height from the fire Safety Point of View of the Group G- Industrial Building at Village Jarthal Road, PO Sangwari of Uniproducts India Ltd :

Reference to you online No 150892223000305 dated 14/12/2022 on the subject cited above.

Tower Name	Floor Detail	Height	Ground Coverage
01	Ground Floor	7	30000

Basement Level	Basement Area	Remarks
0	0	0

Your site for the Renewal of the Fire Safety Certificate has been inspected by the Team of Fire Station Officers, **FIRE STATION MC REWARI** from fire safety Point of View. The means of escape and Fire Protection system were checked and found as per the National Building Code of India, Part- IV guidelines.

In view of the satisfactory fire protection system / arrangement mentioned as above, this office has no objection for occupation from the Fire Safety point of view, with the following conditions:-

1) The owner/occupier shall keep duly trained Fire Staff in all three shifts.
2) The Fire Protection System tested during inspection shall be maintained properly & always should be in good working condition.
3) If any lapse is found in the fire protection system at the time of inspection or detected during outbreak of fire, action will be taken as per rules against you.
4) You are directed to apply for Renewal of Fire Safety Certificate in future before 2 month of expiry of your Fire Safety
5) Certificate.
The open set back area is not checked at our end as it shall be checked by concerned building department.
6) The owner/occupier shall strictly follow the other applicable rules/ regulations/ byelaws laid down regarding fire safety system. If you fail to comply with any of the above terms & conditions you will be liable to be punished as per Section 30,31 & 47 of fire & Emergency Services Act 2022.
7) You have to perform quarterly Fire Drill in your building as per NBC with intimation to Fire Department and video graphy evidence to be kept as a record which shall be produced at the time of next Renewal; Officials/Residents/R.W.A. should be mentioned in the drill.
8) If the Infringements of Byelaws remains un- noticed the Authority reserves the right to amend the Fire Safety Certificate as and when any such Infringements comes to notice after giving an opportunity of being heard and the Authority shall stand Indemnified against any claim on this account.
9) The owner or occupier of the building shall give a self-declaration certificate annually to the effect that the fire fighting system installed in his building is working in good condition and there is no addition/alteration in the building. The Fire Officer may randomly check such building. In case there is any addition/alteration beyond permissible limits under the Haryana Building Code, 2017, the fire safety certificate shall cease to exist and the owner shall apply for approval of revised Fire Fighting Scheme as per the provisions of section 18.

The above Renewal of Fire Safety Certificate is valid for **Three** year from the date of issue of this letter Applying renewal of the same well in time shall be the responsibility of owner/occupier.

Remarks:- Approved By ADFO

Fire Station Officer
FIRE STATION MC REWARI

Exercising t
Sangwan
Date: 2022.12.22 13:54:26 +05:30
Reason: Digital Verification

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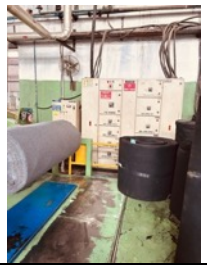
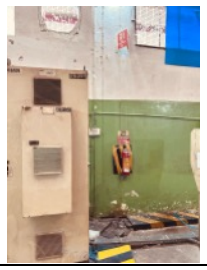
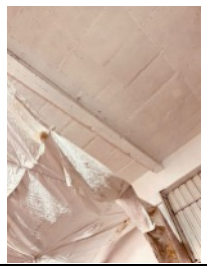
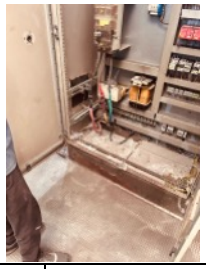
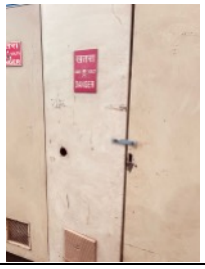
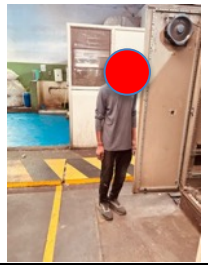
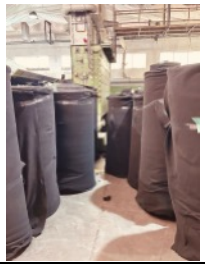
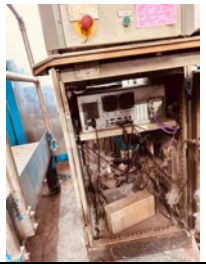
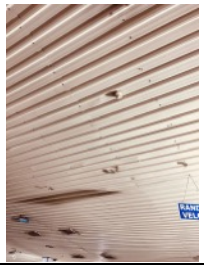
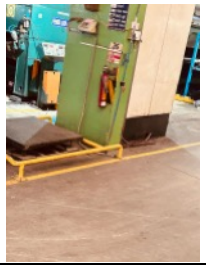
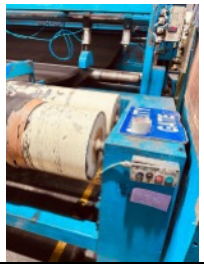
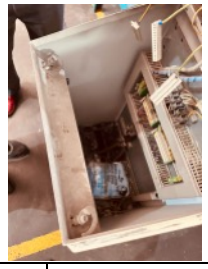
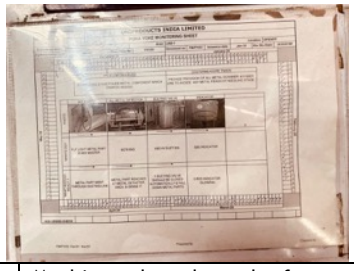
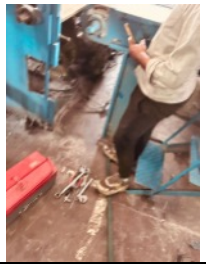
5.3 APPENDIX C: PICTORIAL EVIDENCES

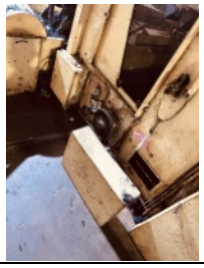
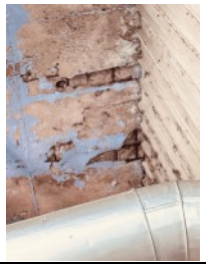
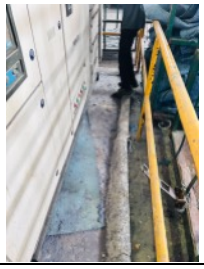
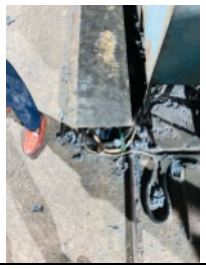
Link these pictures no. with table 3.2.

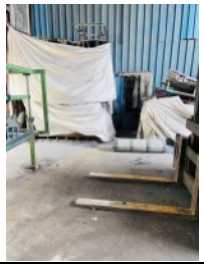
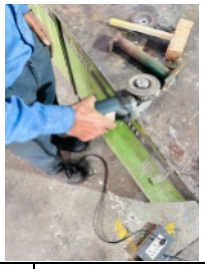
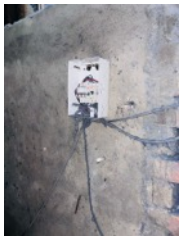
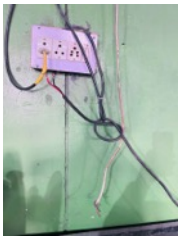
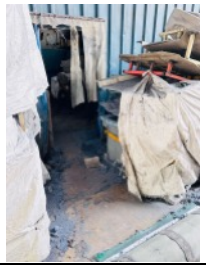
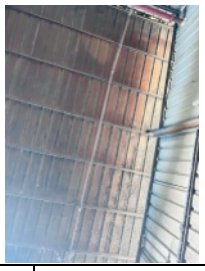
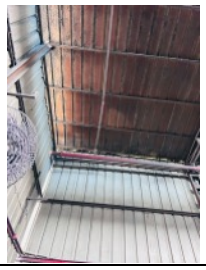
			
Pic 01:	Wire connected without proper plug, exposing live terminals.	**Pic 02:**	Materials stored directly in front of electrical panel, blocking access.
Proposed Action	Install proper industrial-grade plugs for all electrical connections.	**Proposed Action**	Maintain minimum 1-meter clearance around all electrical panels. Mark floor with "Keep Clear" zone.
			
Pic 03:	Emergency switch location inaccessible to workers.	**Pic 04:**	First-aid box contents not maintained as per factories rules and found in unsanitary condition.
Proposed Action	Relocate emergency switches to easily accessible locations. Ensure clear visibility and access at all times.	**Proposed Action**	Restock first aid kit according to regulatory requirements.
			
Pic 05:	Smoke detectors installed at distances exceeding 3 meters.	**Pic 06:**	Fire Extinguisher #78 access blocked with materials.
Proposed Action	Reinstall smoke detectors according to NFPA 72 or local fire code spacing requirements.	**Proposed Action**	Maintain minimum 1-meter clearance around all fire extinguishers. Mark floor with "Keep Clear" zone.
			
Pic 07:	Fire Extinguisher #78 access blocked with materials.	**Pic 08:**	Damaged slings stored near raw material without proper identification.

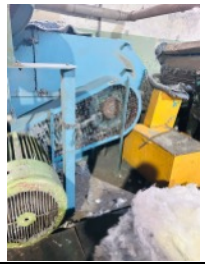
Proposed Action	Maintain minimum 1-meter clearance around all fire extinguishers. Mark floor with "Keep Clear" zone.	**Proposed Action**	Remove damaged equipment from service area. Implement tagging system for damaged equipment.
			
Pic 09:	Forklift's exhaust not properly mounted; emissions hitting metal parts causing heating of surfaces.		
Proposed Action	Repair forklift exhaust system immediately and properly fill inspection checklist.		
			
Pic 11:	Fire Extinguisher #29 located between two fire hazards (electrical panels).	**Pic 12:**	Finished goods storage area lacks fire detection and firefighting equipment.
Proposed Action	Relocate fire extinguisher to safe, accessible location away from potential fire sources.	**Proposed Action**	Install appropriate fire detection and suppression systems in finished goods area.
 			
Pic 13:	Electrical panels found with open doors, damaged door knobs, allowing wool fibres to enter inside.	**Pic 14:**	Electricians working without proper PPE, specifically missing safety shoes.
Proposed Action	Repair/replace damaged panel doors immediately.	**Proposed Action**	Provide appropriate PPE for electricians including safety shoes, insulated gloves, and arc flash protection where required.
			
Pic 16:	Tripping hazard (cable trays) present in front of emergency equipment/routes.		
Proposed Action	Remove all tripping hazards from emergency routes. Implement regular evacuation route inspections.		

 			
Pic 17:	Emergency stop button found blocked with material.	**Pic 18:**	Cabin floor mat rolls kept alongside pathways in improper array/stacking, creating potential emergency evacuation obstruction.
Proposed Action	Maintain clear access to all emergency stops.	**Proposed Action**	Implement proper storage practices. Keep all evacuation routes clear at all times.
			
Pic 19:	Water bottle found inside machine.	**Pic 20:**	Machine panels open on both sides with evidence of wool contamination inside.
Proposed Action	Remove foreign objects. Train workers on proper machine area practices.	**Proposed Action**	Secure all machine panels. Install proper seals to prevent wool ingress.
			
Pic 21:	Smoke detectors at distances exceeding 3 meters.	**Pic 22:**	Weighing machine located in front of Fire Extinguisher #26, blocking access.
Proposed Action	Reinstall smoke detectors according to NFPA 72 or local fire code spacing requirements.	**Proposed Action**	Relocate weighing machine to maintain clear access to fire extinguisher.
			
Pic 23:	Emergency button not properly designed (not red and clearly demarcated).	**Pic 24:**	Workers found wearing loose clothes and without adequate PPE.
Proposed Action	Replace with standard red emergency stop buttons with clear markings.	**Proposed Action**	Enforce proper PPE usage and appropriate work attire.

 		 	
Pic 25:	PPE (face mask packets) stored inside electrical panel.	**Pic 26:**	Emergency button not demarcated. Also missing buttons.
Proposed Action	Remove all non-electrical items from panels immediately.	**Proposed Action**	Install proper emergency buttons and clearly mark all controls.
			
Pic 27:	Machine poka-yoke and safety measures not verified/filled as per monitoring sheet for April and May 2025.	**Pic 28:**	Daily check sheets for safety equipment not filled/verified for April and May 2025.
Proposed Action	Immediately verify all machine safety systems and maintain records.	**Proposed Action**	Implement strict daily safety equipment verification program with accountability.
			
Pic 29:	Work instructions not legible/readable.	**Pic 30:**	Installation of additional cloth layers to prevent bird droppings has obstructed smoke detectors and fire sprinklers.
Proposed Action	Replace all illegible instructions with clear, laminated versions.	**Proposed Action**	Remove obstructions immediately. Install alternative bird control measures that don't interfere with safety systems.
			
Pic 31:	Smoke detectors at distances exceeding 3 meters.	**Pic 32:**	Worker not wearing adequate PPE and tools not stored properly.
Proposed Action	Reinstall smoke detectors according to NFPA 72 or local fire code spacing requirements.	**Proposed Action**	Enforce PPE requirements. Implement proper tool storage practices.

			
Pic 33:	Mechanical Guard of rotating part removed	**Pic 34:**	Ceiling found heavily damaged.
Proposed Action	Reinstall all mechanical guards immediately. Train operators on machine guarding importance	**Proposed Action**	Repair damaged ceiling. Conduct structural assessment of facility.
			
Pic 35:	Insulation mat not installed properly	**Pic 36:**	Heavy wool accumulation observed in machine.
Proposed Action	Install proper insulation mats in all electrical work areas.	**Proposed Action**	Implement regular cleaning schedule. Improve dust collection systems.
			
Pic 37:	Electrical wires inside panel found jumbled, without ferrules, and contaminated with foreign material.	**Pic 38:**	Tools found laying in open area which suggests minor maintenance activities are being carried out on regular basis.
Proposed Action	Rewire panels with proper organization, install ferrules on all conductors, and clean foreign materials.	**Proposed Action**	Establish designated tool storage areas.
 			
Pic 39:	Machine operators working between two machines.	**Pic 40:**	Emergency button and other buttons not demarcated. Also missing buttons.
Proposed Action	Improve workstation layout to provide clear access/exit paths.	**Proposed Action**	Replace missing buttons and label all controls clearly.

		 	
Pic 41:	Pathway found blocked with material.	**Pic 42:**	Grinder used without guarding. Wooden electrical board used for heavy work.
Proposed Action	Clear all pathways and mark with floor indicators.	**Proposed Action**	Install proper guards on all grinders. Replace wooden electrical boards with appropriate materials.
  			
Pic 43:	Electrical equipment connected with direct wires instead of proper plugs.	**Pic 44:**	Pathway found blocked with material.
Proposed Action	Install appropriate industrial plugs on all equipment. Implement an electrical safety program.	**Proposed Action**	Clear all pathways and mark with floor indicators
		 	
Pic 45:	Forklift tyres are completely damaged.	**Pic 46:**	Fire sprinklers spacing is not as per IS code.
Proposed Action	Replace damaged forklift tires immediately	**Proposed Action**	Remove all obstructions from fire safety equipment immediately. Implement regular inspection program.
			
Pic 47:	Key left inside both the forklifts which might lead to unauthorised operation.	**Pic 48:**	Unprotected motor connections.
Proposed Action	Implement key control system. Instruct operators not to leave key inside.	**Proposed Action**	Install proper motor terminal covers and junction boxes

			
Pic 49:	Machine guarding insufficient as raw material wool was observed entering guarded areas.	**Pic 50:**	Cooler connection wire lying on floor creating trip hazard.
Proposed Action	Improve adequate machine guards that prevent material intrusion.	**Proposed Action**	Route all cables through proper cable management systems. Replace with longer cables if necessary.
			
Pic 51:	Control buttons not properly demarcated, missing buttons, and SLD not available.	**Pic 54:**	Fire hydrant found blocked with material.
Proposed Action	Label all control buttons clearly, replace missing buttons, and install up-to-date SLD near panel.	**Proposed Action**	Remove all materials blocking access to fire hydrants. Mark clear zones around all fire equipment.
			
Pic 55:	Heavy dust accumulation of sensors, and other devices.	**Pic 56:**	Leakage of fuel from machine oil tank evident.
Proposed Action	Implement regular cleaning schedule for all sensors and control devices	**Proposed Action**	Repair leaking tank immediately. Implement spill containment measures and regular equipment inspection.

6. DISCLAIMER

This report has been prepared by eGrowth ("the Assessor") with reasonable skill, care, and diligence, based on available documentation, on-site observations, and discussions with relevant personnel during the audit. The contents reflect findings as of the date of the site visit and assessment.

1. **Scope and Reliance**: This report is intended solely for the Client named in the audit and for the purposes outlined in the proposal or scope of work. The Assessor does not accept liability for any use or interpretation of the report beyond its stated scope, purpose, or validity period. No third party may rely on this report without the prior written consent of the Assessor.
2. **Limitation of Liability**: Except in the case of death or personal injury caused by proven negligence under Indian law, the liability of the Assessor for any claim-whether in contract, tort, or otherwise-shall be limited to the professional fees paid by the Client for the preparation of this report. The Assessor shall not be liable for any indirect, incidental, consequential, punitive, or special damages including, but not limited to, business interruption, loss of profits, or third-party claims.
3. **Accuracy and Limitations of Data**: The findings in this report are based on the information provided by the Client, physical observations during the site audit, and documents made available at the time of the visit. The Assessor shall not be liable for any deficiencies or inaccuracies arising from incomplete, inaccurate, or misleading information supplied by the Client or its representatives.
4. **Validity of Report**: The conclusions drawn are valid only for the time period stated in the report and under the site conditions that prevailed at the time of the audit. Any significant changes in occupancy, layout, usage, or fire safety systems may render parts of this report invalid unless re-evaluated.
5. **Interpretation of Recommendations**: The recommendations provided are based on professional judgment and good industry practices, taking into account Indian regulations such as the National Building Code (NBC) of India, IS standards, and local fire safety requirements. The report does not constitute a legal opinion or approval under any statutory certification scheme unless explicitly stated.
6. **Jurisdiction**: This disclaimer and any dispute arising from or in connection with this report shall be governed by and construed in accordance with the laws of India. The courts of New Delhi shall have exclusive jurisdiction.

Assessor/ Auditor

Vishal Sahu

---------- End of Report ----------