



LABS

Life And Building Safety

LABS - GOOD PRACTICES SHARING

24th March 2023

AGENDA

| Time | Contents | PIC |
|------------------|--|-------------|
| 2:30PM - 2:40PM | Welcome & Introduction – 10' | LABS/Brands |
| 2:40PM - 2:00PM | LABS Assessment & Remediation Review – 20' | LABS |
| 3:00PM - 3:10PM | Factory Sharing – 10' | Factories |
| 3:10PM - 3:20PM | Good Practices Sharing – 30' | LABS |
| 3:20PM - 3:50PM | Safety Management systems – 10' | LABS |
| 3:50PM - 4:00PM | LABS Graduation – 10' | LABS |
| 4:00 PM – 4:10PM | Update on LABS helpline | LABS |
| 4:10PM – 4:25 PM | Q&A – 15' | Factories |
| 4:25PM - 4:30PM | Closing – 5' | LABS |

WELCOME & INTRODUCTION



Life and Building Safety Initiative (LABS)

Promoting a safe and secure working environment in the apparel and footwear industry



Brand participants



Gap Inc.



Walmart

The **Life and Building Safety (LABS) Initiative** is an industry-driven program, in which multiple brands and retailers are joining forces with public organizations to operate a scalable program to eliminate preventable **structural, fire and electrical safety risks** in key apparel and footwear producing countries in a targeted way.

Achievements in the last 42 months

Sep 2019 till Mar 2023

Enabling environment

LABS associated firms:

- 3 Inspection firms
- 1 Quality Assurance firm
- 3 Safety Training firms

Engineers and trainers trained:

- 12 Engineers (each with a minimum of 10 years' experience)
- 3 Trainers

70% Overall remediation achieved

Program operations



128 Factories onboarded



126 Assessments conducted



179 Safety trainings delivered



163780 Workers reached

3921 people trained including supervisors, machine operators, electricians, boiler operators, compliance in-charges

Local ownership

1 National Stakeholder Committees established

1 PPP under planning, to be completed by end of 2023

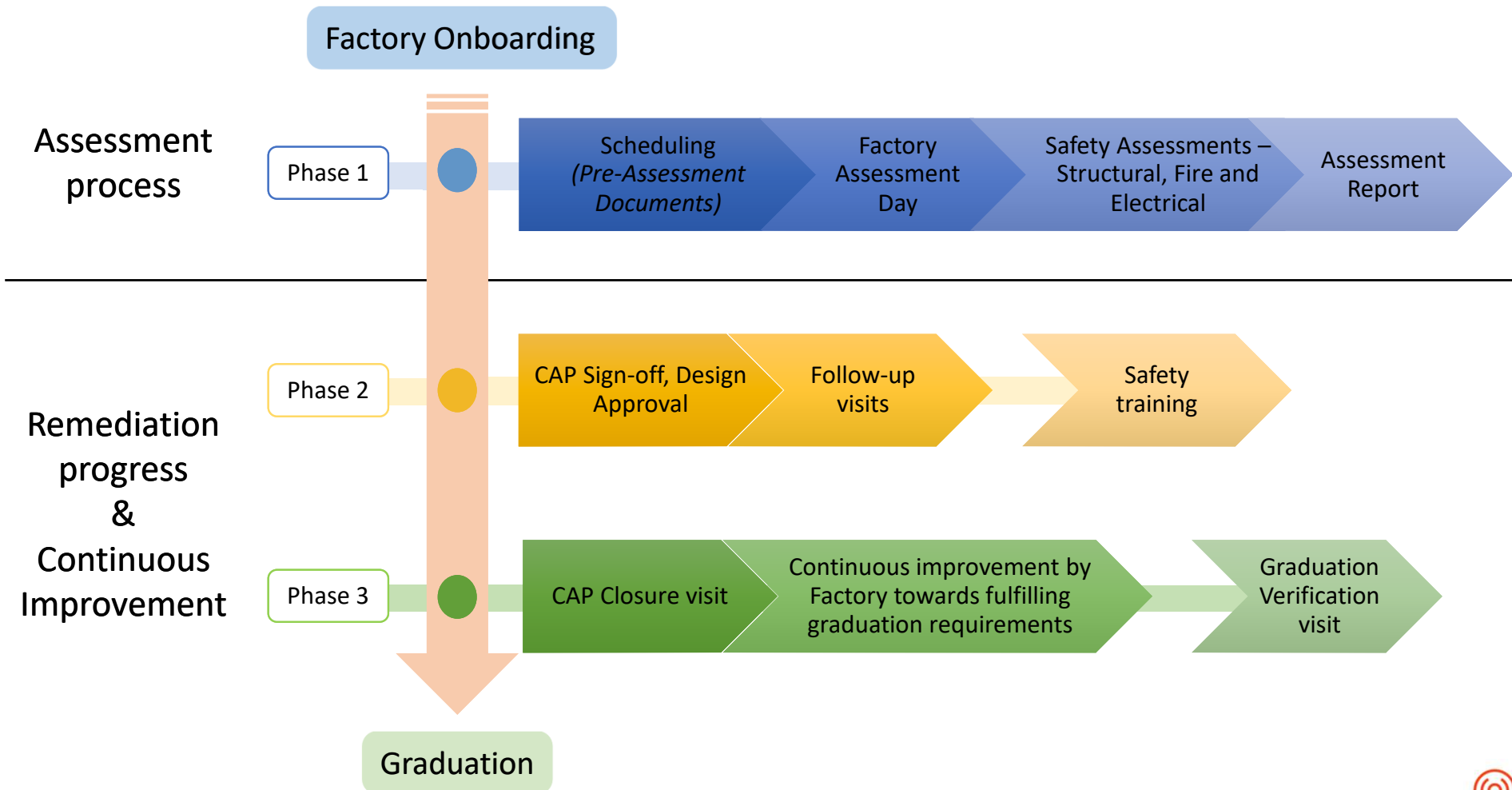
National level
streamlining/harmonization of standards across Apparel industry to enable effective implementations and efficient to achieve safer workplaces

11 factories have completed the LABS Program and Graduated

LABS ASSESSMENT & REMEDIATION REVIEW

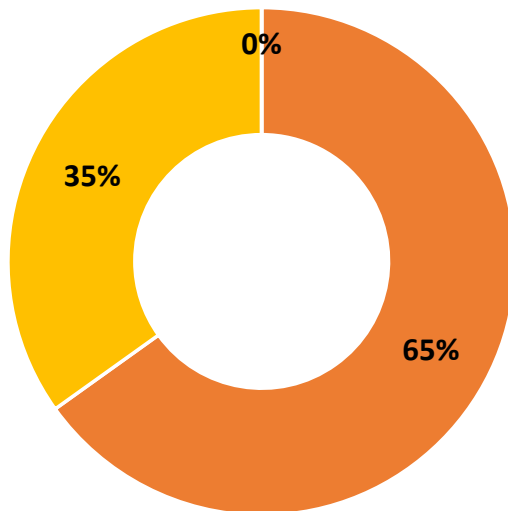


Assessment & Remediation phases

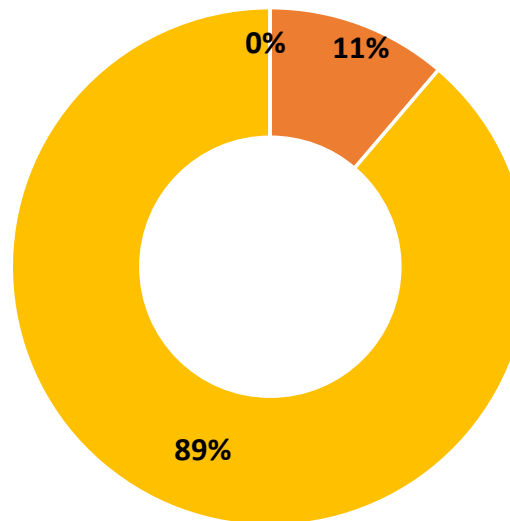


LABS ASSESSMENT RATINGS

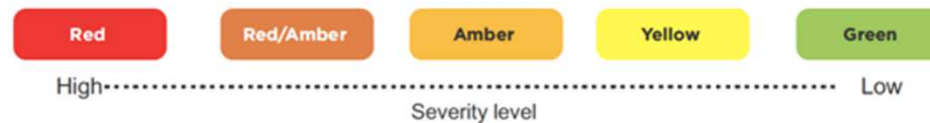
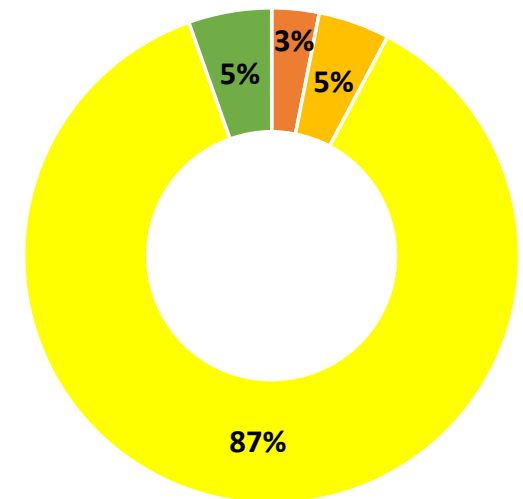
Electrical Assessment Rating



Fire Assessment Rating



Structural Assessment Rating



** Data is from 130 assessments reports issued by LABS Inspection Firms*

LABS ASSESSMENT – ELECTRICAL COMMON ISSUES

P1

High temperature observed during Thermographic survey in electrical equipment's/ panels

Electrical rooms/ panels are not clean and free from dirt, lint, water, oil, and debris

Flammable material or combustible goods stored near electrical Panels

P2

Rubber mats not provided over electrical panels

Cables were not terminated with proper lugs and multi looping of wires was found

Phase separator not provided between terminals of circuit breakers

P3

Battery backup of emergency light not up to 90 min

Glands not provided in electrical panel or opening in electrical panels

Electrical wiring and cables were not properly identified, and proper dressing of cables also not provided

Body earthing not given metal racks or flanges were not bonded in LPG/diesel tank

P4

No Lightning Protection System (LPS) protection zone layout was available

No maintenance records for Transformer substations and Generators

Access to the panel is less than 1 meter

SLD/Earthing diagram not available or not signed by competent authority

LABS ASSESSMENT – FIRE COMMON ISSUES

P1

Locking mechanism was observed on the exit doors

Exit doors not side hung to swing correctly in direction of escape

Escape paths not clear of temporary obstacles

Emergency lighting and exit signages were not working properly

Fire Detection and Alarm system was not working during testing

Inadequate water storage observed for Fire- Fighting purposes

P2

Lack of enclosure of Stairs connecting more than 2 floors

Inadequate separation of different occupancies. Unprotected window available in between Boiler area, panel area, transformer & compressor

Use of loose polythene cover for fabric racks

Capacity of secondary containers not displayed

Non availability of hydrotest report of fire extinguishers

P3

Handrails are not provided on both sides of the stairway

Emergency Evacuation Plan was not posted

Proper testing & training requires for fire hydrant drill, how to handle the nozzle, fire extinguisher, hydrant etc

Emergency action plan not updated all emergencies are not covered under emergency plan

LABS ASSESSMENT – STRUCTURAL COMMON ISSUES

P1

Risk of collapse of metal sheeting canopy

Severe cracks observed on the concrete beams, slabs, columns

P2

No available load posted at place on the floors

Missing of lateral column bracings, roof bracings in the steel buildings

Cracks observed on the Structural members (concrete beams, slabs, columns)

The non-engineered structural additions were observed

P3

No as-built document for review

Sagging column bracings

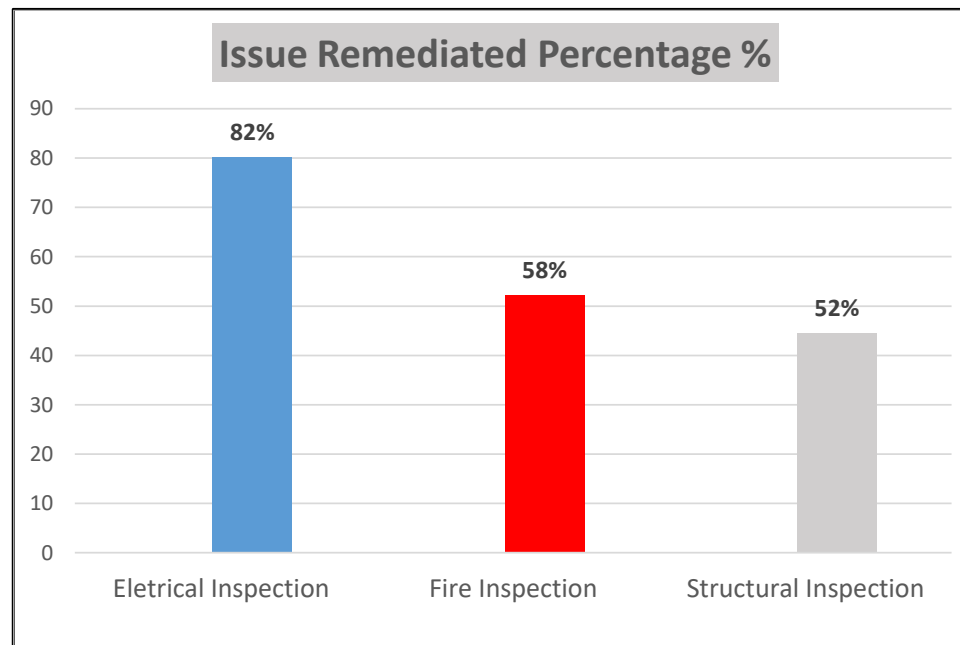
Cracks observed on the Non-Structural members (walls)

Lack of maintenance works (corrosions)

Dampness marks are observed on the external & internal walls

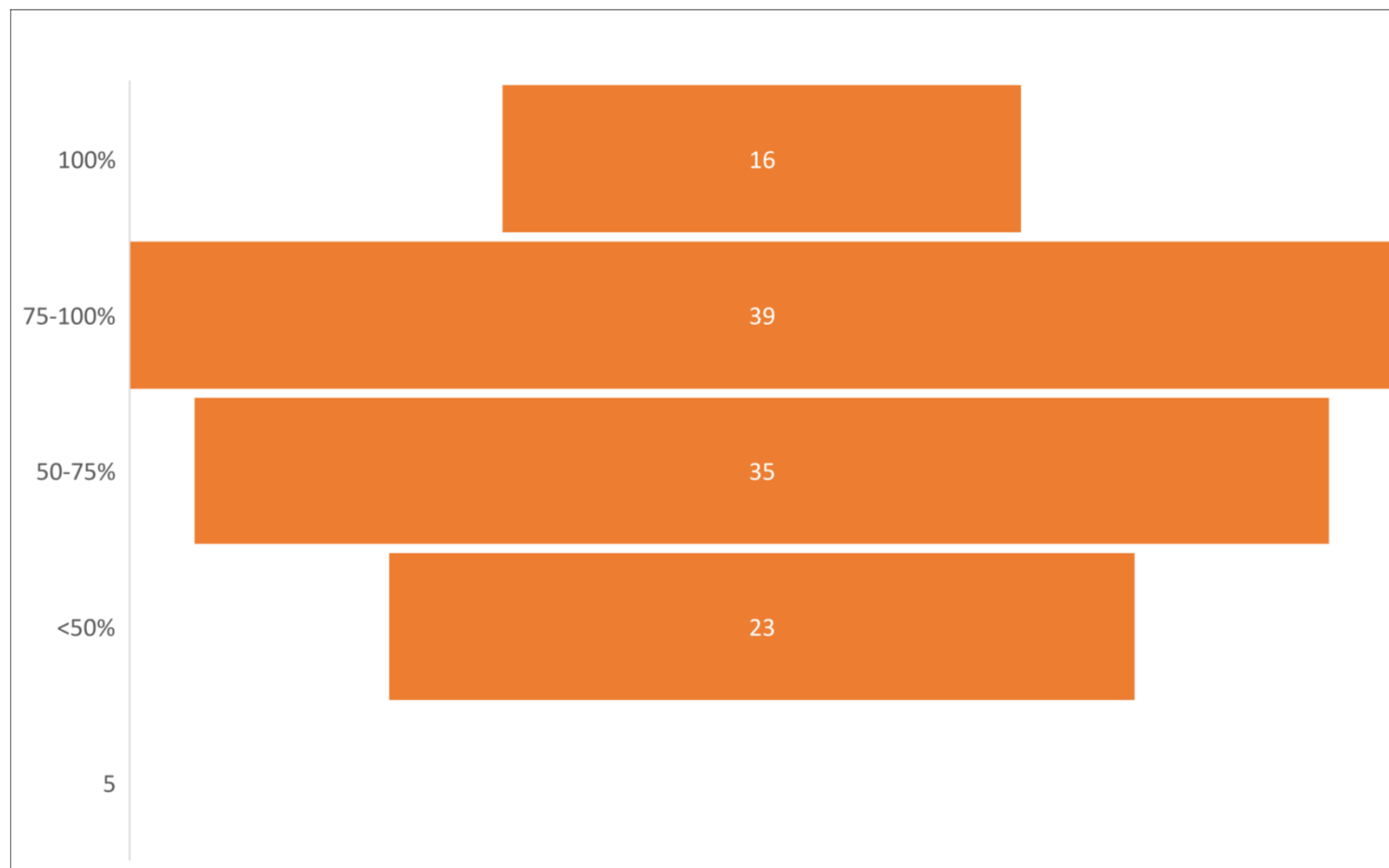
REMEDIATION REVIEW – OVERVIEW

70% issues have been remediated



Note: - Remediation data is based on the observations during the Follow up visits conducted by LABS team.
- All issues will be verified by Inspection Firms during the CAP Closure visits

REMEDIATION REVIEW – OVERVIEW



Note: - Remediation data is based on the observations during the Follow up visits conducted by LABS team for active factories.
- All issues will be verified by Inspection Firms during the CAP Closure visits

FACTORY SHARING



FACTORY SHARING – Shahi Exports Pvt Ltd Unit 27

Identified



Sprinkler system not installed in Fabric store & CTPAT



Electrical wiring and cables not properly identified



Single 7.5 HP pump installed for fire fighting



Hose pipe cabinet having single 15 meter length hose pipe



Damage boundary wall.

Remediated



Sprinkler protection systems has been installed



Cable identification has been given to all wiring.



Jockey/Electrical/Diesel Operated pumps installed



Double hose 2X15m Has been fixed all existing setup.



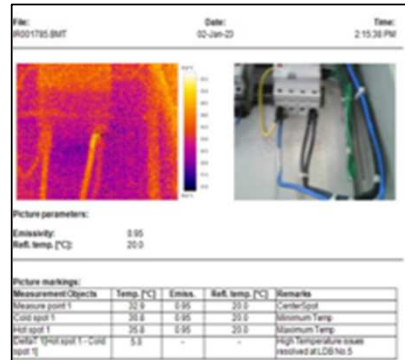
Boundary wall repaired

FACTORY SHARING – Indian design exports Pvt Ltd unit 9

Identified



No identification of panels and cables



High temperature in panels



Rolling shutter on Exits

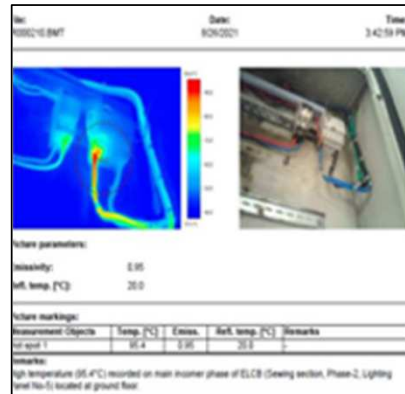


Uncontrolled storage area without sprinklers

Remediated



Panels and cables identified



High temperature has been resolved



Rolling shutter replaced with fire rated doors with push bar



Sprinklers installed in storage area

FACTORY SHARING – Fancy Fashion

Identified



Wooden door installed on stair enclosure



Earthing not provided to Ms truss



Diesel storage in evacuation path



Insulated rubber mat not installed under electrical panel



Body earthing not provided to electrical panel

Remediated



Fire rated doors installed



Earthing provided to MS truss



Diesel storage has been removed



Electrical mats provided under electrical panel



Body earthing provided to electrical panel

Safety Trainings

Through associated Safety Training Firms, LABS trains staff members and key safety personnel of factories to build up their skills around flagging safety issues, evacuation, and create additional awareness around structural, electrical, and fire safety proficiency.

- **Three levels of Safety Training are provided to the factory (1 level per year):**
 - **Basic Safety Training**
 - **Advanced Safety Training – Level 1**
 - **Advanced Safety Training – Level 2**
- **Topics covered:**
 - Identifying and flagging of the issues related to Structural, Fire & Electrical safety
 - Usage of PPE's (Personal Protective Equipment)
 - Emergency drills that includes evacuation, usage of fire extinguishing equipment and hydrant system
 - Effective workplace precautions provided, etc.
- **Targeted audience:**
 - Members of Occupational Health and Safety (OHS) Committee, Factory Management
 - Engineers and Technicians
 - Supervisors (Floor supervisors, Factory supervisors etc.)
 - Maintenance and Compliance Staff
 - Fire Safety Officers
 - Security Guards (selected security guards)
 - Workers
 - Any other staff/worker who the factory believes can contribute towards ensuring safe working environment



GOOD PRACTICES SHARING



FIRE SAFETY PRACTICES

Insufficient water storage

| Description | LABS Standard |
|---|---------------|
| Fire Water requirement should be maintained | 5.8.1.2 |



FIRE SAFETY PRACTICES

Fire pumps

| Description | LABS Standard |
|--|---------------|
| Provide new pumps that meet the pressure and flow capacity | 5.4 |



FIRE SAFETY PRACTICES

Lift Separation

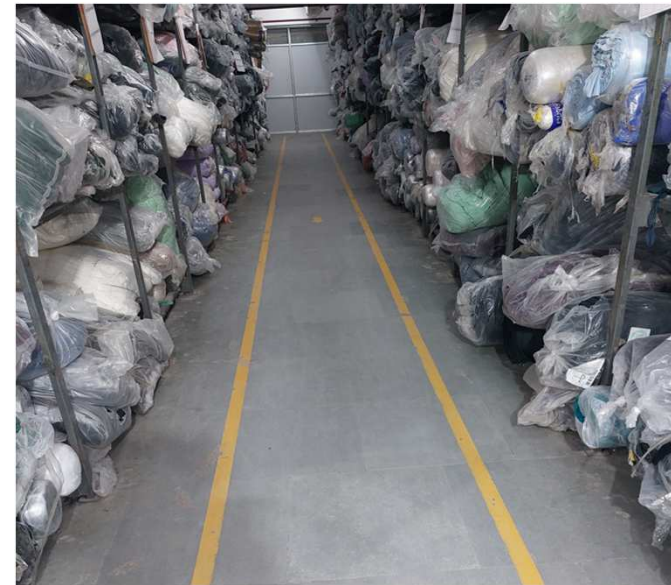
| Description | LABS Standard |
|---|---------------|
| Openings through floors shall be enclosed with fire barrier walls | 4.10.1 |



FIRE SAFETY PRACTICES

Means of Escape

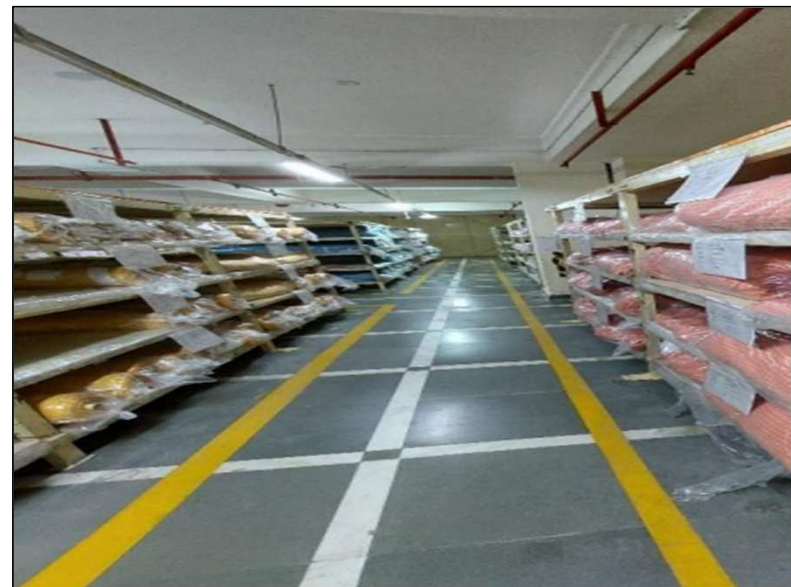
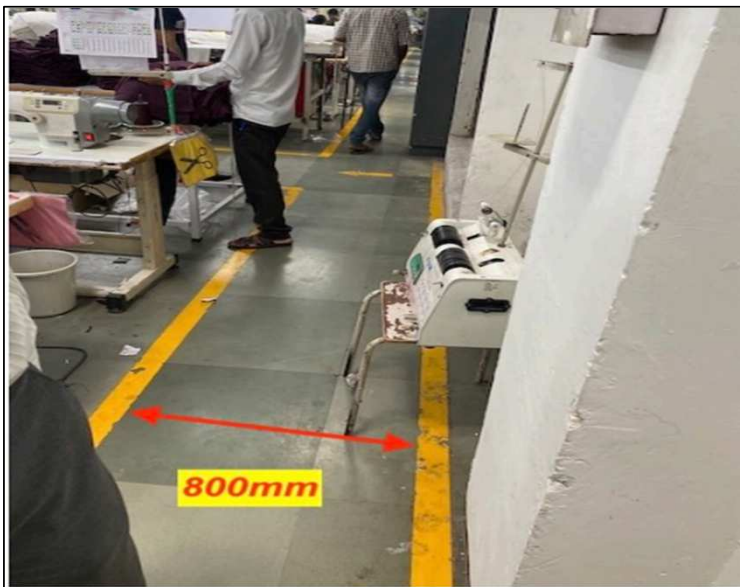
| Description | LABS Standard |
|--|---------------|
| No furnishings, decorations, or other objects shall obstruct exits and access to exits | 6.3.9 |
| A means of escape shall be a continuous and unobstructed way of exit travel from any point | 6.1.1 |



FIRE SAFETY PRACTICES

Means of Escape

| Description | LABS Standard |
|--|---------------|
| Aisles shall be provided with a minimum unobstructed clear-width of 915mm. | 6.5.6.1 |



FIRE SAFETY PRACTICES

Means of Escape

Description

LABS Standard

The total capacity of the means of egress shall for any story, floor, or other occupied space shall be sufficient for the occupant load. The capacity factors as below

6.5.4

| Area | Stairways (mm / person) | Corridors, doors, other level components and ramps (mm / person) |
|----------------------|----------------------------|--|
| Industrial | 7.6 | 5 |
| Storage | 7.6 | 5 |
| All others | 7.6 | 5 |
| High Hazard Contents | 18 | 10 |

Minimum numbers of exits

- 500 people or less - minimum of 2 exits
- 501-1000 people - minimum of 3 exits
- More than 1000 people - minimum of 4 exits

* LABS methodology 5.3.1.1

FIRE SAFETY PRACTICES

Means of Escape

To be updated

Description

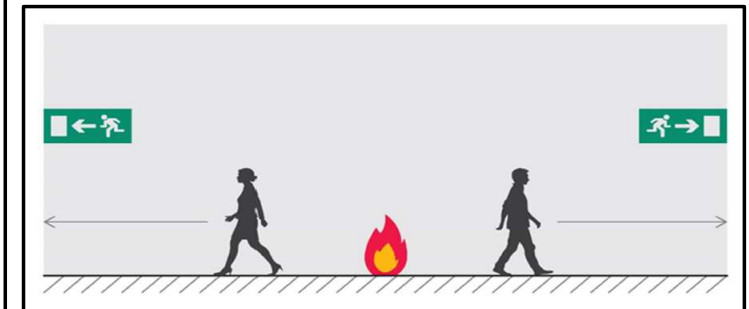
LABS Standard

Travel distance to reach an exit for new or existing building shall not be exceed the values listed as below

6.7

Table 6.7 Common path, Dead-End and Travel Distance Limits (by occupancy)

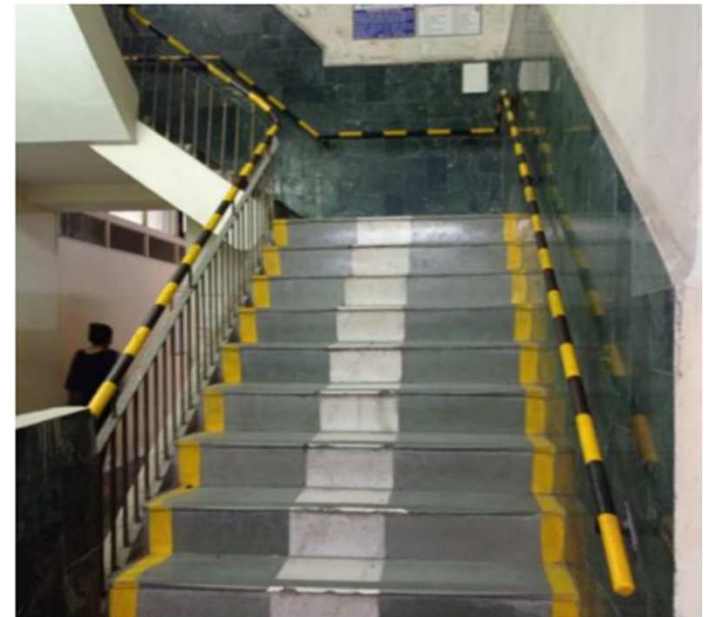
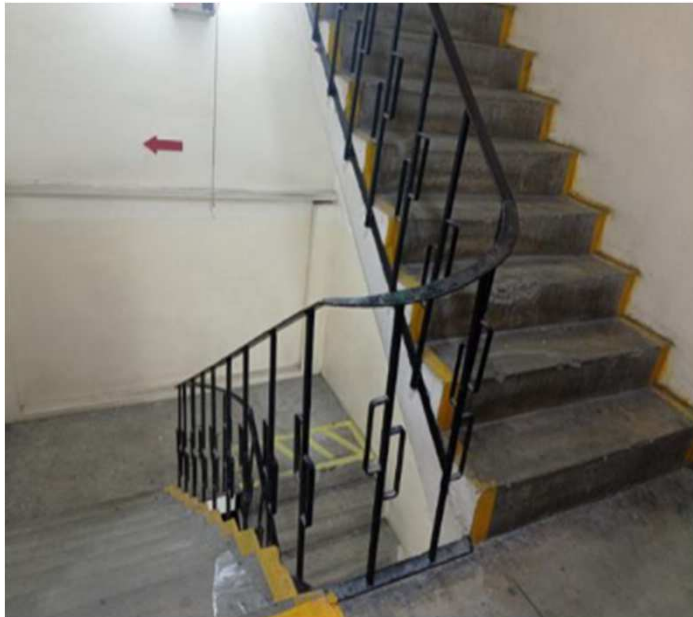
| Occupancy Type | Common Path Limit (single way) | | Dead-End Limit (closed corridor branch) | | Travel Distance Limit (alternate ways) | |
|------------------------------|--------------------------------------|------------------------------|---|------------------------------|--|------------------------------|
| | No auto suppression system | Automatic suppression system | No auto suppression system | Automatic suppression system | No auto suppression system | Automatic suppression system |
| Industrial - General | 15 m | 30 m | 15 m | 15 m | 61 m | 76 m |
| Industrial - Special Purpose | 15 m | 30 m | 15 m | 15 m | 91 m | 122 m |
| Industrial - High Hazard | Prohibited | Prohibited | Prohibited | Prohibited | Prohibited | 23 m |
| Storage - Low Hazard | Unrestricted | Unrestricted | Unrestricted | Unrestricted | Unrestricted | Unrestricted |
| Storage - Medium Hazard | 15 m | 30 m | 15 m | 30 m | 61 m | 122 m |
| Storage - High Hazard | Prohibited | Prohibited | Prohibited | Prohibited | 23 m | 30 m |
| Parking - Open | 15 m | 15 m | 15 m | 15 m | 91 m | 122 m |
| Parking - Enclosed | 15 m | 15 m | 15 m | 15 m | 46 m | 60 m |
| Other | Refer to NFPA 101 (2015) Table A.7.6 | | | | | |



FIRE SAFETY PRACTICES

Means of Escape

| Description | LABS Standard |
|--|---------------|
| Handrails shall be provided on both sides of each stairway | 6.10.8 |



FIRE SAFETY PRACTICES

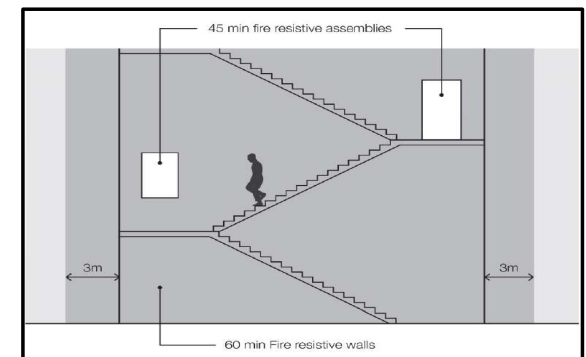
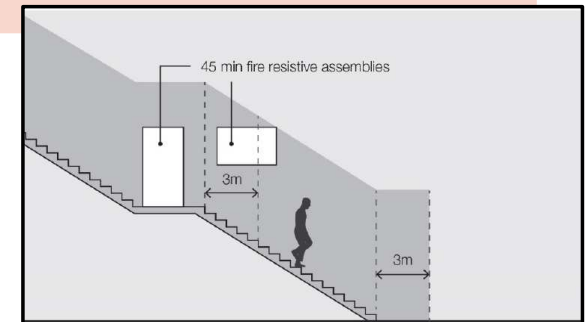
Means of Escape

Description

Exterior exit stairs shall be separated from the building with Exits connecting three or fewer stories shall be enclosed with a minimum 1-hr fire-resistance rating. The rating of the exterior wall shall extend 3.0 m beyond the ends of the stair structure

LABS Standard

6.3.1.3



FIRE SAFETY PRACTICES

Means of Escape

Description

All paths of egress shall be provided with illumination, Emergency illumination shall be provided for not less than 90 minutes in the event of failure of normal lighting

LABS Standard

6.8



FIRE SAFETY PRACTICES

Fire Safety Construction

| Description | LABS Standard |
|---|-----------------|
| Provide fire rated protective enclosures to the exit stairs | 4.8, 4.10 ,6.14 |



FIRE SAFETY PRACTICES

Fire Safety Construction

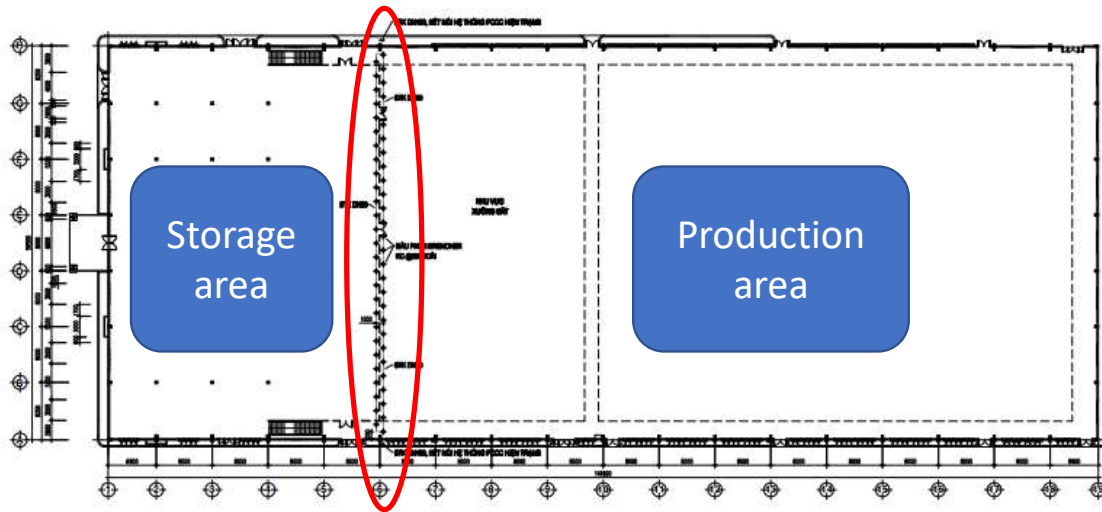
| Description | LABS Standard |
|---|---------------|
| Separate storage areas from adjacent areas by means of 1-hour fire rated construction | 3.10 & 3.11 |



FIRE SAFETY PRACTICES

Fire Safety Construction

| Description | LABS Standard |
|---|---------------|
| Separate storage areas from adjacent areas by means of 1-hour fire rated construction | 3.14.3 |

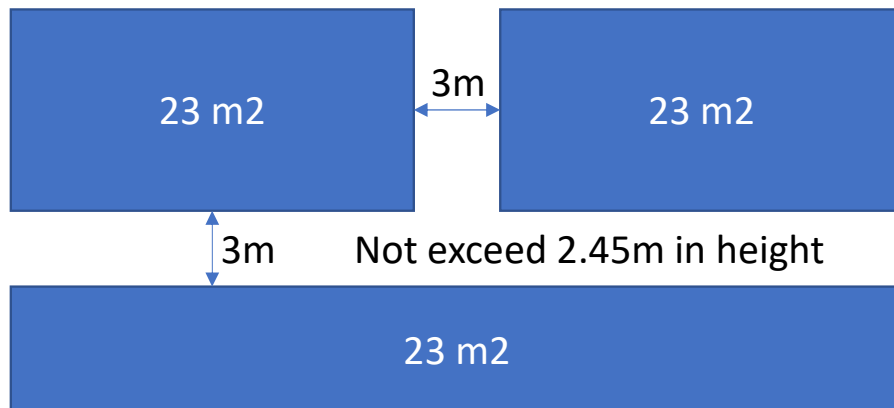


Alternative Option
Drencher System Installing

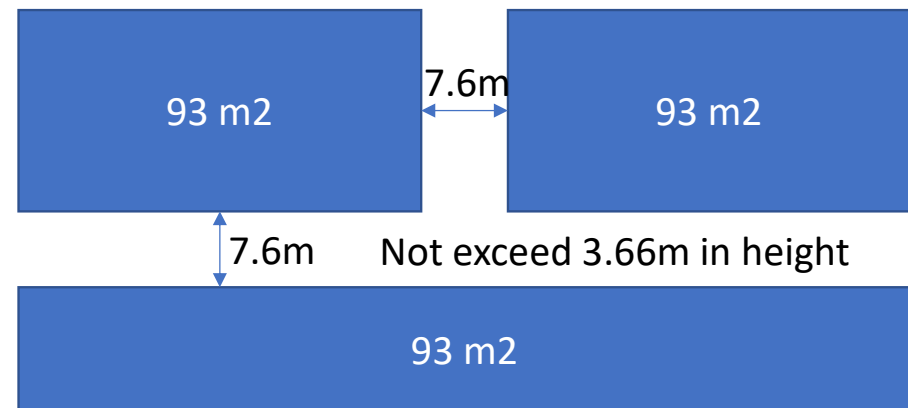
FIRE SAFETY PRACTICES

Fire Safety Construction

| Description | LABS Standard |
|---|---------------|
| in-process temporary storage arrangement for non-sprinklered areas material should be stored as per Labs compliance | 3.14.11 |



Non-Sprinkler area



Sprinkler area

FIRE SAFETY PRACTICES

Fire Safety Systems

| Description | LABS Standard |
|---|---------------|
| Automatic and manual fire alarm and detection systems shall be provided throughout all new and existing buildings, regardless of occupancy type | 5.9.3 |



FIRE SAFETY PRACTICES

Fire Safety Systems

| Description | LABS Standard |
|---|---------------|
| <p>Test decibel levels of alarm sounders in all areas. Add sounders for all areas where the alarm decibel level is not sufficient. Hooter Cum strobe installation is recommended.</p> <p>Note: Minimum sound level usually around 65dB throughout the building but importantly 5dBA above any background noise</p> | 5.9 |



FIRE SAFETY PRACTICES

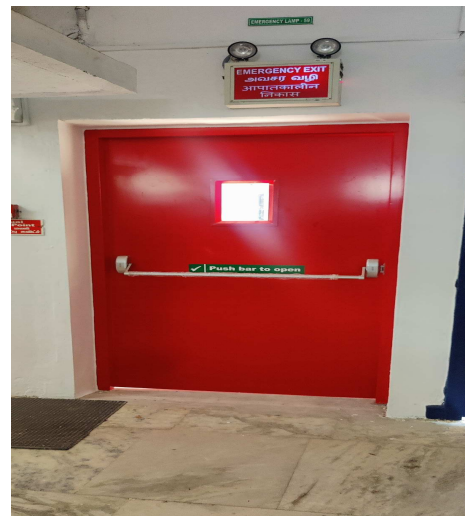
Fire Safety Systems

Description

LABS Standard

Emergency illumination shall be provided for not less than **90 minutes** in the event of failure of normal lighting. Emergency lighting facilities shall be arranged to provide initial illumination that is not less than an average of 10.0 lux (lumen/m²)

6.8.3



Escape lighting luminaires should be sited to cover the following locations:

- Near each intersection of corridors
- At exits and at each exit door
- Near each change of direction in the escape route
- Near each staircase so that each landing of stairs receives direct light
- Near any other change of floor level
- Outside each final exit and close to it
- Near each fire alarm call point
- Near firefighting equipment

For the purpose of above clause 'near' is normally considered to be within 2m measured horizontally.

FIRE SAFETY PRACTICES

Provisions for Fire Fighting

| Description | LABS Standard |
|---|---------------|
| <p>Provide adequate fire water pumps and water storage tanks with capacity required by Cl.5.7 of the LABS standards.</p> <p>Comprehensive fire hydrant and wet riser system (fully charged at the rated pressure and pumps maintained on Auto mode at all times) designed and installed as per TAC rules/</p> | 5.7 |



Note:

Diesel driven and electrical (with independent power supply) standby pump and jockey pump to be provided. (Chart of jockey, main and standby pumps cut-in and cut-off pressures should be displayed in the pump room)

FIRE SAFETY PRACTICES

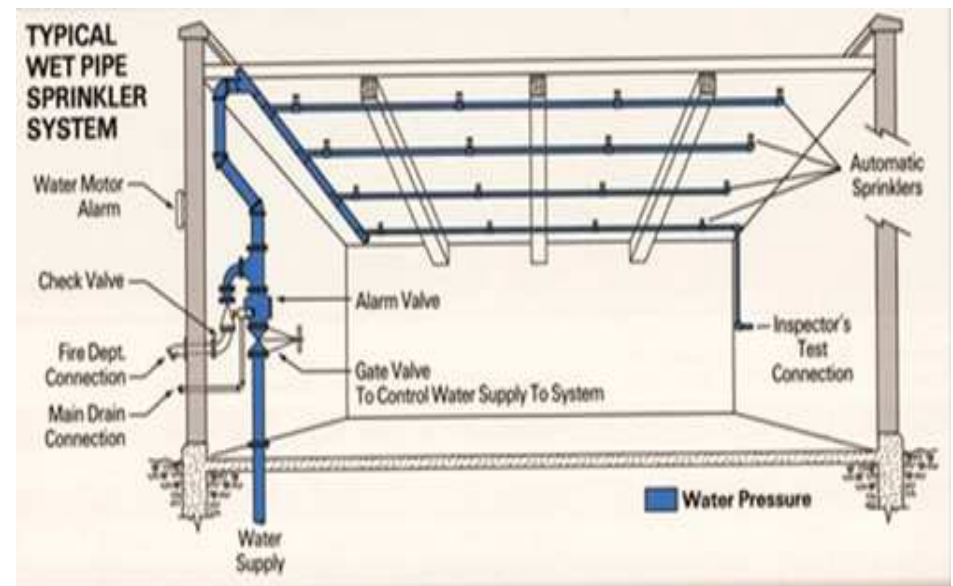
Provisions for Fire Fighting

Description

LABS Standard

To ensure the protection coverage of sprinkler for materials, all storage shall be maintained with 460 mm minimum clearance from the top of storage to sprinkler deflector. Automatic sprinklers system designed, as per TAC rules/IS15105 Guidelines to be provided in all manufacturing, storage, utility and service areas, including fire pump rooms.

5.3.8



FIRE SAFETY PRACTICES

Provisions for Fire Fighting

| Description | LABS Standard |
|---|---------------|
| Unless in-rack automatic sprinklers have been designed and installed, solid shelf racking shall not be used | 5.3.8.2 |



FIRE SAFETY PRACTICES

Provisions for Fire Fighting

| Description | LABS Standard |
|---|---------------|
| Unless in-rack automatic sprinklers have been designed and installed, solid shelf racking shall not be used | 5.3.8.2 |



FIRE SAFETY PRACTICES

Provisions for Fire Fighting

Description

The distance between the sprinkler deflector and the ceiling shall be from 1 in. (25 mm) to 12 in. (300 mm) throughout the area of coverage of the sprinkler

LABS Standard

5.3.4
TCVN 7336:2003 (Cl 6.6)

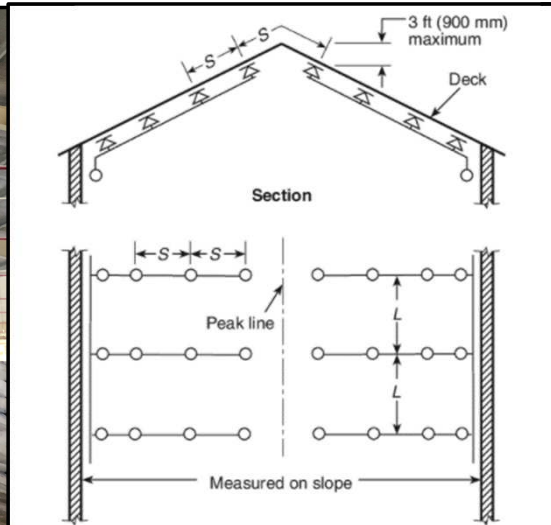


FIGURE 8.6.4.1.3.1(b) Sprinklers at Pitched Roof; Branch Lines Run Up Slopes.



ELECTRICAL SAFETY PRACTICES

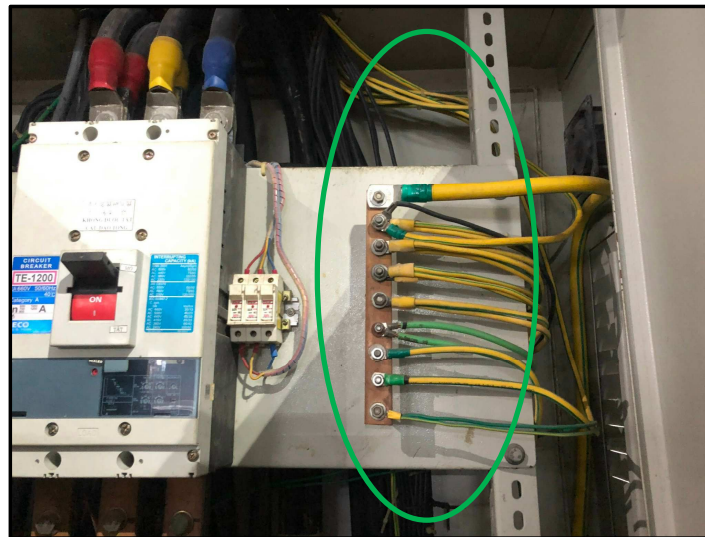
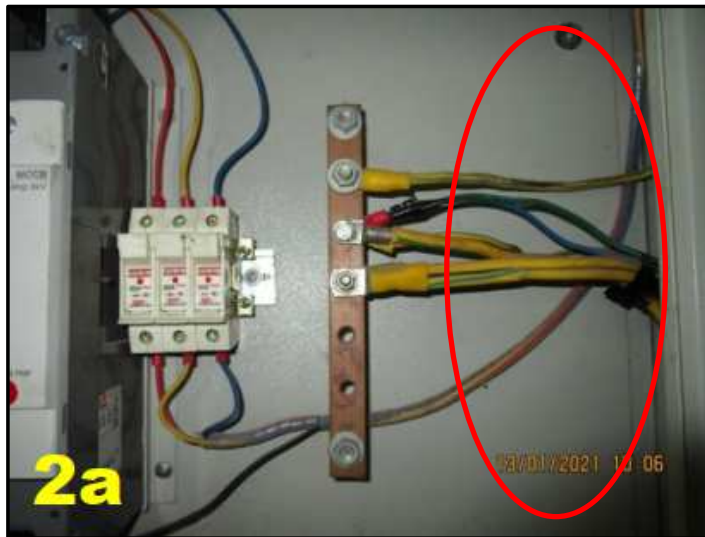
Earthing and Bonding

Description

Cross sectional area check of all conductors with respect to short circuit current levels e.g., cable, PE Conductor (as per IS3043) sizing calculations for short circuit current, etc.

LABS Standard

10.25.2.2 and 10.32.1
10.33.2.5



Cross-sectional area of line conductors

(mm²)

$S \leq 16$

$16 < S \leq 35$

$S > 35$

Minimum cross- sectional area of the PE

(mm²)

S

16

$S/2$

ELECTRICAL SAFETY PRACTICES

Substations

| Description | LABS Standard |
|--|---------------|
| Post first aid signage and provide first aid equipment in Main distribution panel room | 10.7.6 |



ELECTRICAL SAFETY PRACTICES

Substations

| Description | LABS Standard |
|---|---------------|
| Transformers and equipment installed outdoors (having an individual or aggregate) oil content of 2000 liters or more to be located in a suitably fenced & locked enclosure separated. At least 6m from any building including substation. | 10.7.7 |



ELECTRICAL SAFETY PRACTICES

Substations

| Description | LABS Standard |
|---|---------------|
| Post adequate warning/danger, voltage level signage & also it should be legible at transformer/substation areas | 10.7.6 |



ELECTRICAL SAFETY PRACTICES

Substations

| Description | LABS Standard |
|--|---------------|
| Electrical safety is the overriding concern of all electrical design work. Safety is basically governed by the electrical codes and standards as adopted by government agencies, commercial entities and good engineering judgement on the part of the designer. | 10.6.3 |



ELECTRICAL SAFETY PRACTICES

Distributions

| Description | LABS Standard |
|--|---------------|
| Housekeeping and hygiene go hand in hand with safe working practices. Contractors and sub-contractors must leave work areas in a clean, tidy and safe condition at the end of each working period. Special attention must be paid to potential fire hazards, trip hazards and equipment left in a hazardous condition. | 10.11.1.2 |



ELECTRICAL SAFETY PRACTICES

Distributions

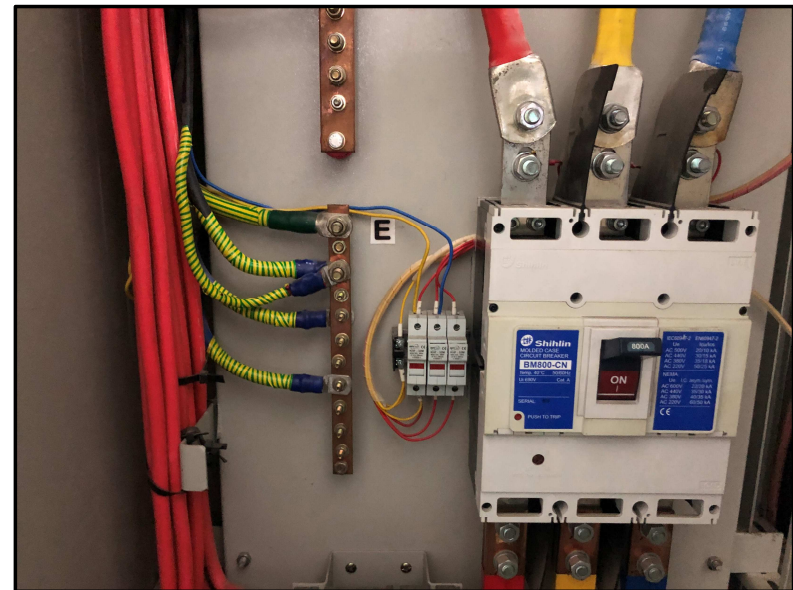
| Description | LABS Standard |
|---|---------------|
| 1) For good electrostatic & electromagnetic shielding galvanized steel cable trays with solid aluminium top and bottom covers are recommended. 2) For corrosive atmosphere stainless steel or GI with corrosion resistant coating are recommended. 3) Ladder type trays are recommended for power circuit and less sensitive control circuits. 4) For cables used on circuits that are very noise sensitive, the path between the cable tray and equipment should be via metallic conduits. | 10.16.4 |



ELECTRICAL SAFETY PRACTICES

Distributions

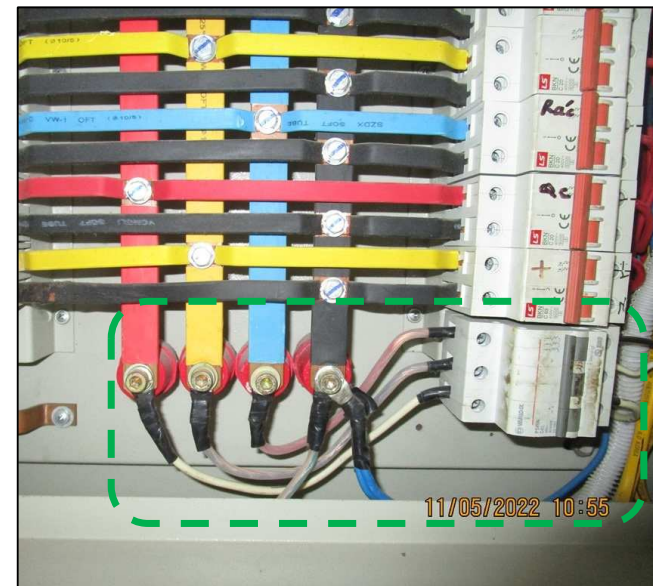
| Description | LABS Standard |
|--|---------------|
| PE and Neutral cable should be identified with proper installation | 10.15.1.4 |



ELECTRICAL SAFETY PRACTICES

Distributions

| Description | LABS Standard |
|--|-------------------|
| The circuit should be protected by suitable Protective Devices | 10.27.1 and 10.29 |



ELECTRICAL SAFETY PRACTICES

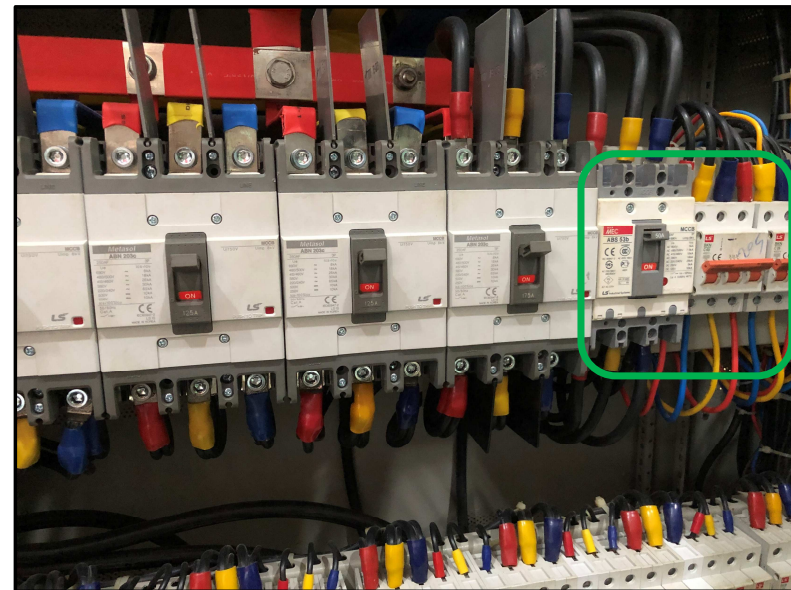
Distributions

Description

The small cable should be separated with the suitable Protective Device

LABS Standard

10.27.1 and 10.29



ELECTRICAL SAFETY PRACTICES

Distributions

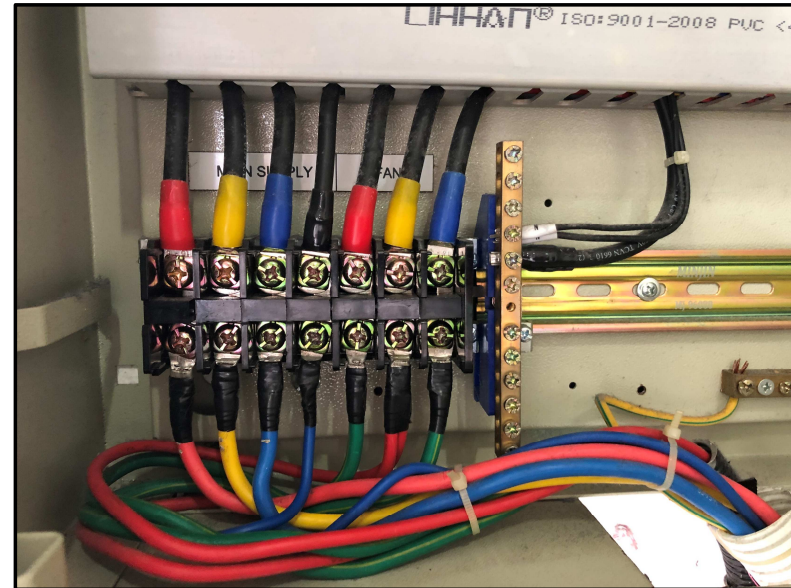
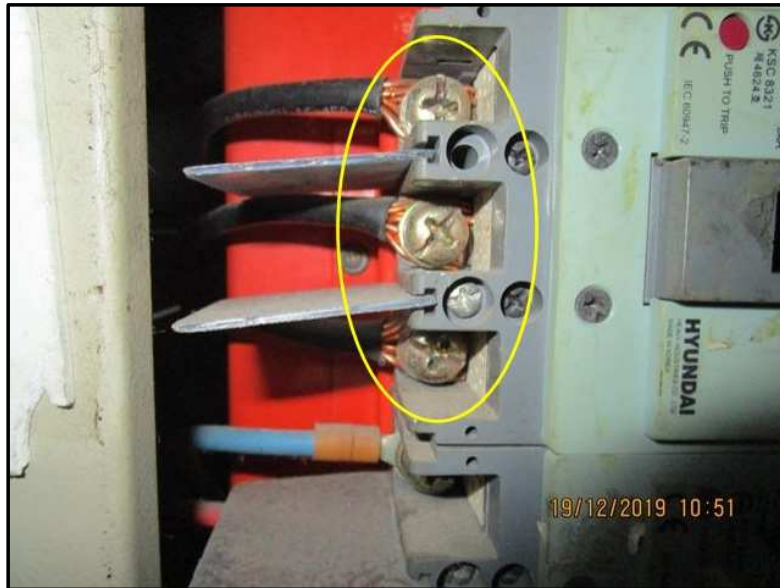
| Description | LABS Standard |
|---|---------------|
| Insulation and shrouding of electrical live parts is not only a must for the performance of electrical system but also safety of the operation and maintenance personnel. | 10.5.2.1 |



ELECTRICAL SAFETY PRACTICES

Distributions

| Description | LABS Standard |
|---|---------------|
| All lighting and small power circuit and point wiring to be provided with circuit identification labels at DBs, switches, sockets, etc. Cable sockets/ferrules should be used for cable with the cross-sectional area from 6mm ² and above | 10.15.3 |



ELECTRICAL SAFETY PRACTICES

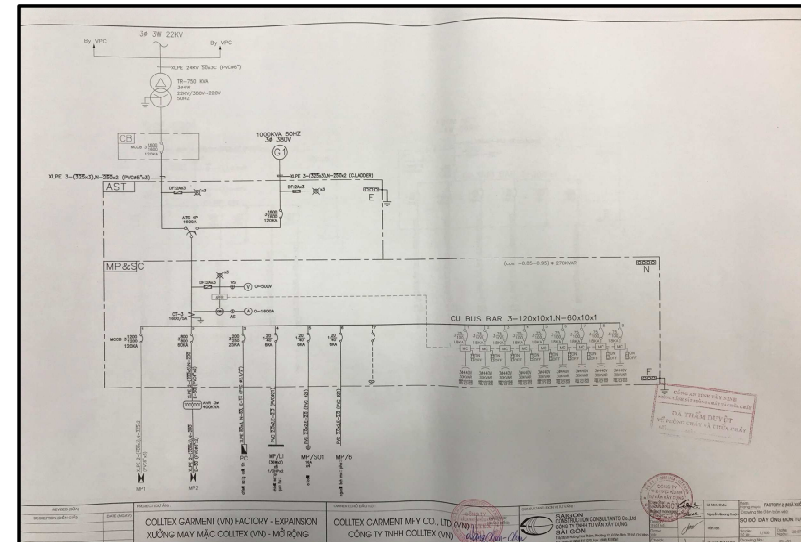
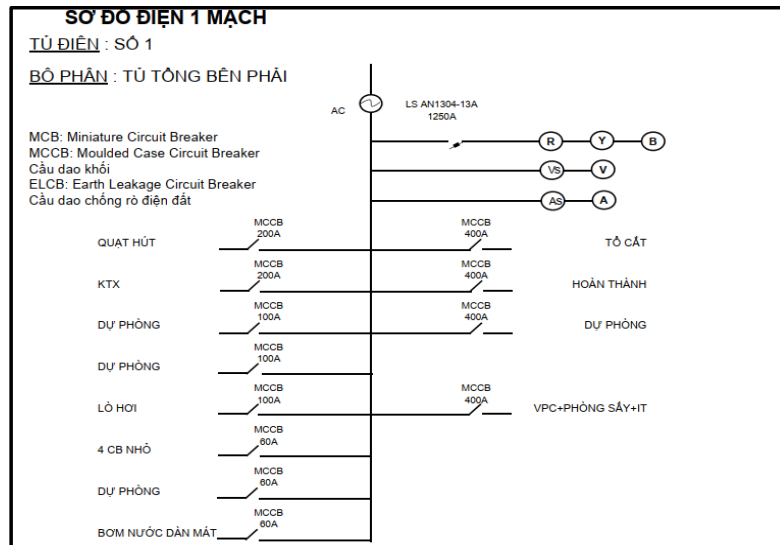
Drawings

Description

LABS Standard

Updated as built single line diagram & drawings of the installation to be available. These drawings to include information on all equipment ratings (e.g. motors, cables, switchgear, etc.), short circuit levels, protections provided and equipment layouts etc. Updated Single Line Diagram drawing to be displayed in Electrical room.

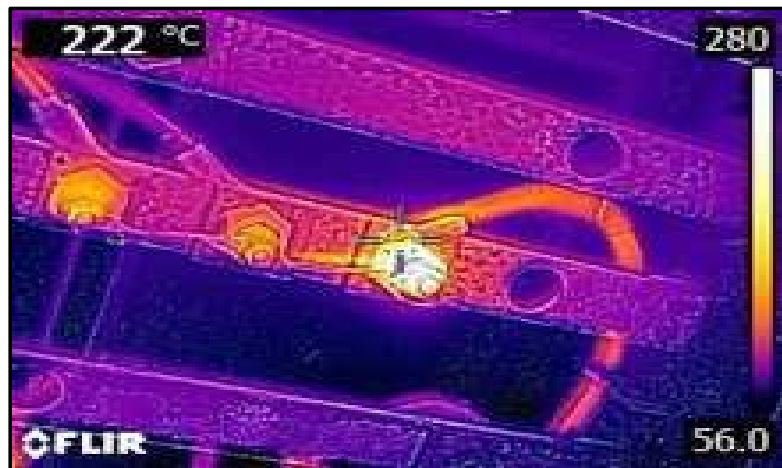
10.22



ELECTRICAL SAFETY PRACTICES

Thermographic Scanning

| Description | LABS Standard |
|---|------------------|
| <p>Millivolt drop across terminal connections in panels to be measured (should be within 10mV). Alternately, thermographic survey can be carried out in live condition with due safety precaution (adequate work instructions & PPEs to be available for conducting thermographic survey). The scope should cover all electrical joints which cannot be shut down for maintenance. Thermographic inspection of electrical equipment to be provided on a tri-annual basis.</p> | <p>10.38.2.2</p> |



STRUCTURAL SAFETY PRACTICES

Vertical Structural System

| Description | LABS Standard |
|--|-------------------|
| Appoint Structural Engineer to produce safe load plans for all mezzanine/ second floors, giving consideration to floor capacity and column capacity. | 8.8, 8.9 and 8.10 |

| No | Type | Item | Max PSF Load | Description |
|----|---------|---------------------|--------------|---|
| 1 | HS | Box Goods Rack | 120 | W36" x H72", Max 6 boxes high, 15kg/box |
| 2 | HS | Denim Rolls Storage | 150 | 13" dia, 72" long, 150kg/roll, 6 high max |
| 3 | LS | Bundled Box Storage | 40 | Max 48" high, 24" aisle each bay |
| 4 | Light | Office | 40 | W36" x H72", Max 6 boxes high, 15kg/box |
| 5 | Light | Sewing Tables | 40 | Typical sewing tables |
| 6 | Special | Water Tanks | N/A | 4000 lbs, 60" dia, 84" tall, 5000 gal |

Notes:

HS – Heavy Storage

LS – Light Storage

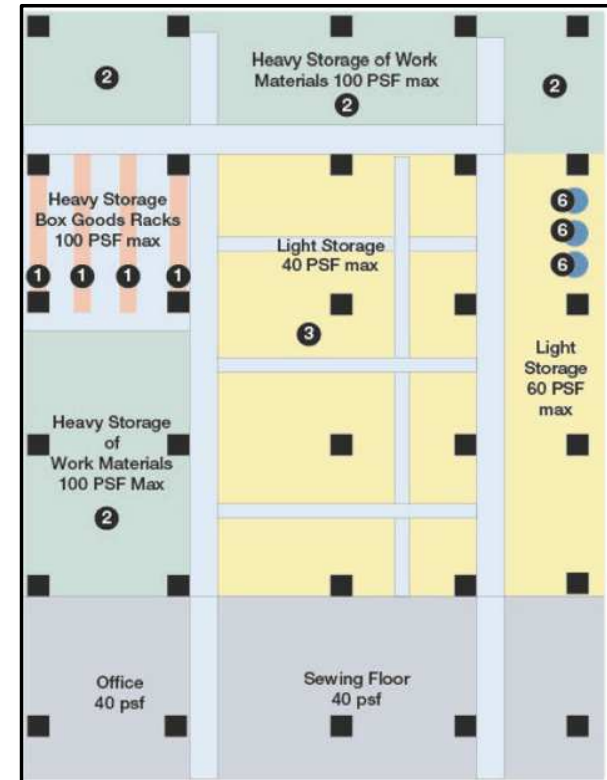
Floor x Load Plan

Factory name:.....

Date Approved:.....

Prepared by:

Approved by:



STRUCTURAL SAFETY PRACTICES

Vertical Structural System

| Description | LABS Standard |
|--|-------------------|
| Appoint Structural Engineer to produce safe load plans for all mezzanine/ second floors, giving consideration to floor capacity and column capacity. | 8.8, 8.9 and 8.10 |



STRUCTURAL SAFETY PRACTICES

Lateral Structural System

| Description | LABS Standard |
|--|---------------|
| Installing the missing or sagging column/roof bracings in the Pre-engineered buildings | 8.18 |



STRUCTURAL SAFETY PRACTICES

Lateral Structural System

| Description | LABS Standard |
|---|---------------|
| Installing the missing or sagging column/roof bracings in the Pre-engineered buildings. | 8.18 |



STRUCTURAL SAFETY PRACTICES

Visible Distress

| Description | LABS Standard |
|---|---------------|
| Appoint Structural Engineer to study the cracks and propose the remedial measures | 8.5 |



LABS TOOL BOX

LABS team has developed Tool box for factories teams to make them understand about remediation of Issues that are identified by inspection firm. Factory team can refer this module while remediating in their premises.

<https://labsinitiative.com/wp-content/uploads/2023/02/LABS-Tool-Box.pdf>



LABS GRADUATION CRITERIA



Slide 62

- AH6** SMS slide is missing. As per agenda there should be a slide or two here
Ankith Hegde, 21-03-2023
- AH7** Should include some templates of formates prepared by graduated factories as examples
Ankith Hegde, 21-03-2023

LABS GRADUATION CRITERIA

Key requirements for factory graduation:

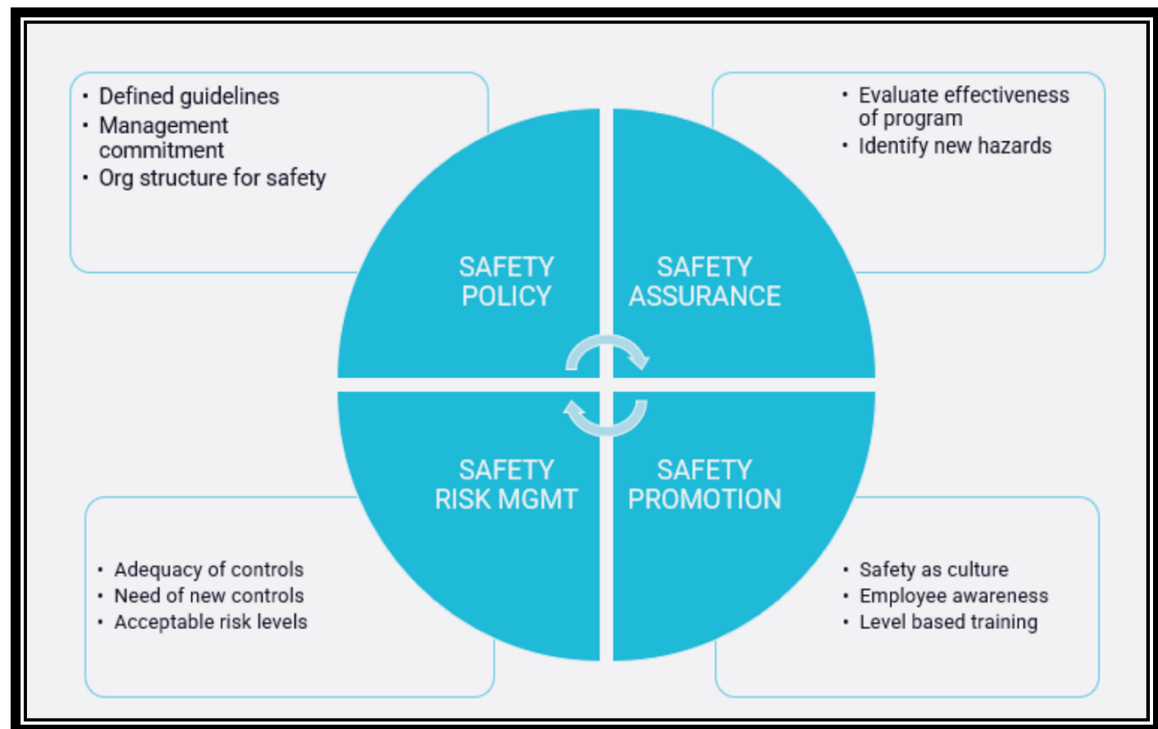
1. All issues have been remediated as per LABS Standard guideline and confirmed with the CAP Closure report by the Inspection Firm (IF)
2. Basic Safety Training, Advanced Safety Training Level-1 and Advanced Safety Training Level-2 have been completed
3. OHS Committee has been established and the LABS mandated trainings are further being conducted with a process established to cover 100 % workers and record participation rates
4. Dedicated safety manager is available in the factory
5. No infrastructural changes made to the building after the CAP Closure visit
6. No more than 30% increase of workers within the factory after the CAP Closure visit
7. Factory supports that the Helpline is operating and functioning well
8. Demonstrated capacities to maintain Structural, Fire and Electrical Safety

Safety Management system

Safety Management System refers to a systematic approach to managing safety by organizational goals, policy, structure, planning, accountability, and safe standard operating procedures. Alternately, a safety management system can be defined as an explicit element of the corporate management responsibility which sets out the company's safety policy and defines how it intends to manage safety as an integral part of the overall business operations.

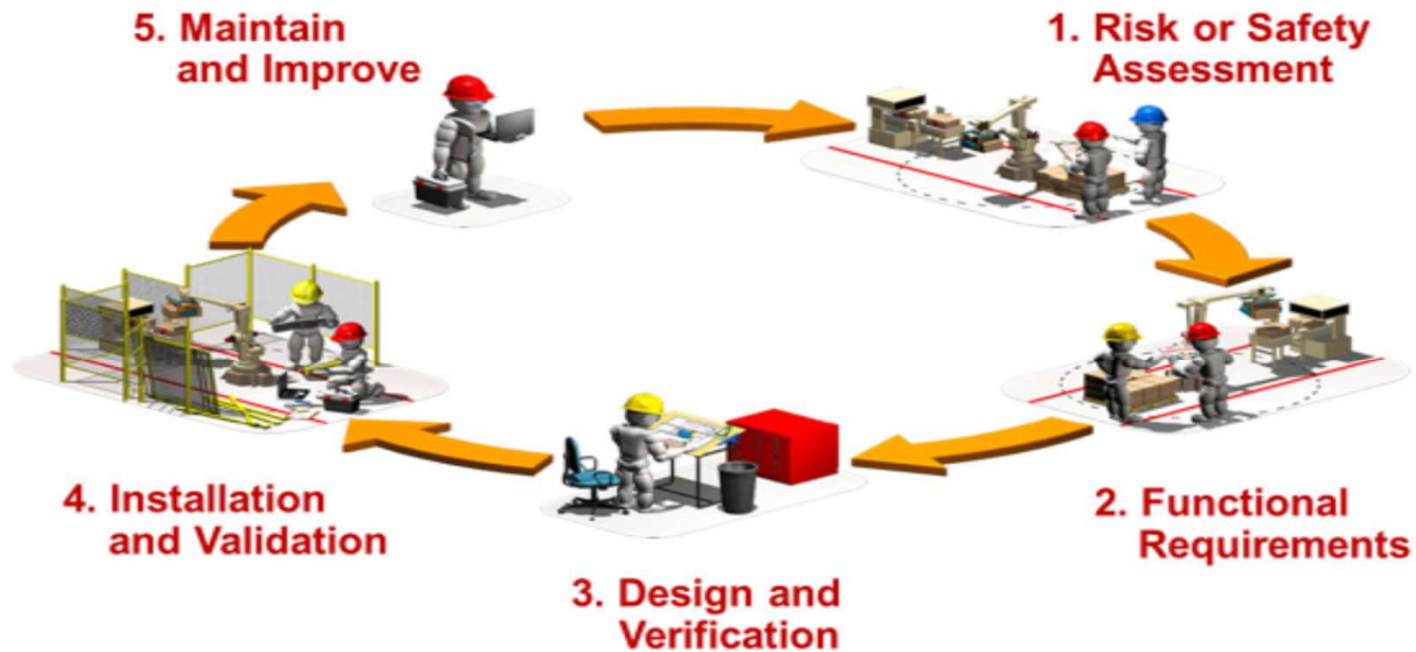
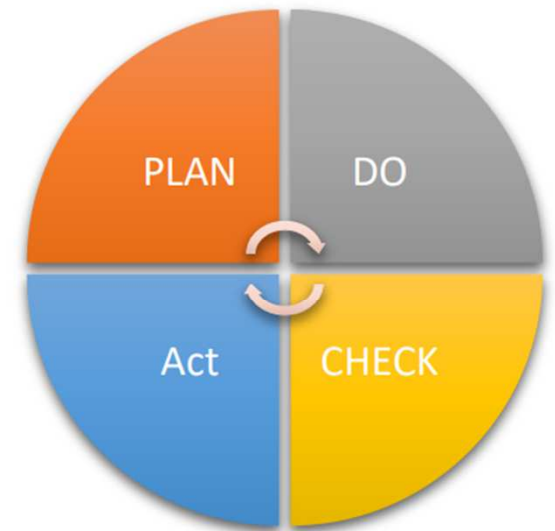
Component of SMS

1. Safety Policy
2. Safety Assurance
3. Safety Promotion
4. Safety Risk management



IMPLEMENTING SMS

- Setting up Policies & Protocols
- Leadership commitment & implementation team
- Allocate timelines and responsibilities
- Monitoring mechanism
- Continuous improvement.



Key parameters of Safety Management System to be ensured in a factory for managing safety are as per below:

- Safety procedures and instructions should be displayed at workplaces
- Workers comply with safety procedures and instructions relevant to their work and/or about which they have been trained or notified.
- Ensure workers know what to do if an emergency occurs at their place of work.
- Identify safety hazards and manage/control risks arising from work and factory routines and planned operations, activities and services.
- Report all incidents, accidents and near misses, including thorough investigation, follow-up and communication of lessons learned.
- Factory management have overall operational responsibility for safety at factory location.
- Establish and maintain an appropriate safety work management system for the factory and their teams, including the appointment of committees, managers, competent experts and a system for gathering employees, channels for employees to raise their concerns/inputs.
- Regularly review and comply with all applicable local and LABS Safety Standards, including relevant organizational safety policies.
- Fire & Life Safety Management Guidelines and be maintained in good condition and records (including schedules and history sheets) kept.

LABS Helpline

LABS is introducing a mobile based chat platform along with helpline number where workers can reach out to LABS immediately and can report any safety related risk of their respective factories.

Kindly visit **labs-Chat.com** from the mobile browser and register your concern or scan QR code from LABS updated danglers and register your concern through LABS Chat



The graphic is a promotional poster for LABS. At the top left, it says "YOUR SAFETY IS IN YOUR HANDS!" with an illustration of a worker. At the top right is the LABS logo with the tagline "Life And Building Safety". A red banner across the top reads "Reach LABS Chat for immediate support!". Below this, on the left, is a QR code with a "SCAN" button underneath. In the center, text says "To register the case please use this link **labs-chat.com** or Scan the QR code from mobile Camera". On the right, a hand is shown holding a smartphone displaying the LABS chat interface. At the bottom right, text says "To reach Helpline, dial: **1800-212-5227**".

YOUR SAFETY IS IN YOUR HANDS!

LABS
Life And Building Safety

Reach LABS Chat for immediate support!

To register the case please use this link
labs-chat.com
or
Scan the QR code
from mobile Camera

To reach Helpline, dial:
1800-212-5227

SCAN



YOUR SAFETY IS IN YOUR HANDS!

Electrical issues can be life threatening. Be aware and report potential risks.



Multi looping of cables



Lint/dirt on electrical panel



Combustible material inside electrical panel

Reach LABS Chat for immediate support!

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labs-chat.com

or
Scan the QR code
from mobile Camera

To reach Helpline, dial:
1800-212-5227



SCAN



YOUR SAFETY IS IN YOUR HANDS!

Fire issues can be life threatening. Be aware and report potential risks.



Blocked exit



Illuminated exit sign not provided over exit



Exit passage blocked by vending counter

Reach LABS Chat for immediate support!

To register your concern please use this link
labs-chat.com

or
Scan the QR code
from mobile Camera

To reach Helpline, dial:
1800-212-5227



SCAN



YOUR SAFETY IS IN YOUR HANDS!

Structural issues can be life threatening. Be aware and report potential risks.



Structural cracks



Unplanned/unsafe loading



Crack in the pillar

Reach LABS Chat for immediate support!

To register your concern please use this link
labs-chat.com

or
Scan the QR code
from mobile Camera

To reach Helpline, dial:
1800-212-5227



SCAN



Q & A

For further queries, contact : –

Ankith Hegde, Program Manager – hegde@labsinitiative.com

Rishi Ahlawat, Sr. Factory Coordinator – ahlawat@labsinitiative.com

Jayavardhan, Sr. Factory Coordinator – jayavardhan@labsinitiative.com

The image shows the interior of a large industrial or laboratory facility. The most prominent feature is the high ceiling, which has a complex network of dark steel trusses and beams. Below the ceiling, the floor is filled with rows of long, rectangular tables or workbenches, some of which are covered with dark materials. In the background, several people can be seen standing near a large white wall or partition. The overall lighting is somewhat dim, with light coming from the background area.

T H A N K Y O U