



DESIGN CHECKMATES

PH:- +91 – 9164866204 , E-MAIL :- designcheckmates@gmail.com

ABOUT US :

We are a company that was established in 2012 with a simple, deeply committed vision to unleash the power of Engineering. We work on various model outsourcing based on the customer needs and to name few are Build Operate Transfer, On-site/ Offshore outsourcing and Co-Managed Outsourcing.

MISSION STATEMENT :

At ' Design checkmates ', we focus on supporting customers on regular basis by providing quality services within the time and budget. We continuously work on enhancing skills to bring more productivity and to make the process faster.

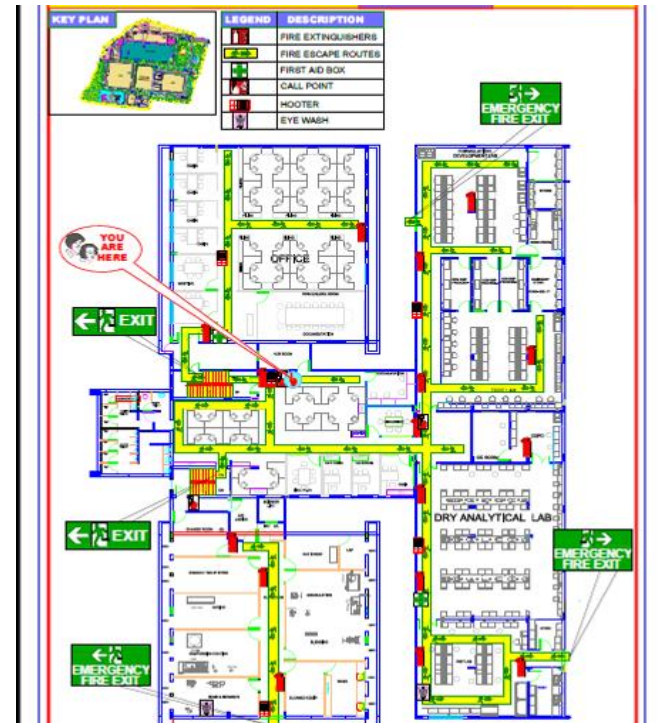


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FIRE ESCAPE ROUTE PLAN AND THE FIRE PROCEDURE:

A fire Escape Route plan (FERP) is a written document which includes the action to be taken by all staff in the event of fire and the arrangements for calling the fire brigade. It can include any relevant information in relation to the FERP.





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THE IMPORTANCE OF SAFETY SIGNS :

At Design Checkmates we have the widest range of legends for you to choose from to ensure you can create a safe, well identified facility. Our range of Safety Signs are designed to meet Indian Standard which outlines specific parameters for safety signs in an occupational environment. This standard sets out the requirements for the design and use of safety signs intended for use in the occupational environment.

These signs are designed to regulate and control safety related behavior, to warn of hazards and to provide emergency information including fire protection information.

CHOOSING SIGNS TO SUIT YOUR APPLICATION



MANDATORY SIGNS

These signs specify an instruction that must be carried out. Symbols (or "pictograms") are depicted in white on a blue circular background. Sign wording, if necessary, is in black lettering on a white background.



PROHIBITION SIGNS

These signs that specify behaviour or actions which are not permitted. The annulus and slash is depicted in red over the action symbol in black. Sign wording, if necessary, is in black lettering on a white background.



WARNING SIGNS

These signs warn of hazards or a hazardous condition that is not likely to be life-threatening. The hazard symbol is black on a yellow background and a triangle is depicted around the hazard symbol. Sign wording, if necessary, is in black lettering on a yellow background.



DANGER SIGNS

These signs provide warning when a hazard or a hazardous condition is likely to be life-threatening. The word "Danger" is featured inside a red oval inside a black rectangle.



EMERGENCY INFORMATION SIGNS

These signs indicate the location of, or directions to emergency related facilities (exits, first aid, safety equipment, etc). Feature a white symbol and/or text on a green background.



FIRE SIGNS

Advise the location of fire alarms and fire fighting equipment. They contain a white symbol and/or text on a red background.



GENERAL INFORMATION SIGNS

These signs are not referred in Indian standards, however are available due to popular demand. They communicate information of a general nature and often refer to Housekeeping, Company Practices and Logistics.

SAFETY RULES



- 1 You are responsible for your own safety and safety of others.
- 2 Wear personal protective equipment necessary for the job.
- 3 Always use equipments / tools / machinery safely and properly.
- 4 Lift properly using your legs and your back.
- 5 Keep your work area clean.
- 6 Wear appropriate and safe work clothing and footwear.
- 7 Report any unsafe conditions.
- 8 Clean up spills immediately.
- 9 Report any unsafe conditions.
- 10 No alcohol or drugs to be used or allowed on company property.

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SP-A-01

SITE SAFETY RULES

- Safety helmet must be worn
- Eye protection must be worn
- Ear defenders in designated areas
- Wear gloves for manual handling task
- Hi visibility clothing must be worn
- Safety boots must be worn
- No children & unauthorised persons
- All drivers & visitors must report to site office

SP-A-02

EMERGENCY EYE WASH



CHECK	IRRIGATE	DISPOSE
1 CHECK the expiry date	1. Sit the casualty down	1 Do NOT put partly used eyewash back in the station THROW IT AWAY
2 CHECK the seals are intact	2. Lean them towards the side of the injured eye	2 Ensure that ANY solution spilled onto the floor etc. is cleaned up immediately to prevent it becoming a SLIP HAZARD!
3 CHECK the contents are clear and not cloudy	3. Stand behind the casualty	
	4. Part the eye with your thumb and index finger	
	5. Allow the solution to flow across the eye from the inside towards the ear	
	6. Seek medical attention	

SP-A-03

FIRE ORDER IN CASE OF FIRE

- Alert the security at the security room by activating the manual call point location at strategic locations
- Evacuate the Occupants by using the stair case only and Assembly at ground level. (Do not use the lift)
- If possible try to extinguish the fire by using portable fire extinguisher, or water from hydrants available at each floor lobby
- Be calm and do not give any room for panic. Walk do not run.
- If you encounter serious difficulties in evacuation, stay in your office, flat, room and try to attract attention of the rescue team.

ACTION BY SECURITY

Upon receipt of information through fire alarm or the fire detector or sprinklers or by any other safety means.

- Alert the occupants by using public address system.
- Inform the fire control through any one of the following phone nos; 101, -----
- Operate the founding switch to bring all elevators to ground floor level and guide the fire force on their arrival to the seat of fire.
- Call Ambulance by dialing number 102 / 108

SP-A-04

ಅಗ್ನಿ ದುರಂತದಲ್ಲಿ ಪಾಲಿಸಬೇಕಾದ ನಿಯಮಗಳು

- ಭದ್ರತಾ ಸಿಬ್ಬಂದಿಯನ್ನು ಎಚ್ಚರಿಸಬೇಕು. ಹಾಗೂ ದುರಂತ ಸಂಭವಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ಅಥವಾ ಪತ್ತೆದಡಿದಾಗ ಅಗ್ನಿಕರೆ ಗಂಭೀರವಾಗಿ ಭಾರವಿಡಬೇಕು.
- ದುರಂತ ಸ್ಥಳದಲ್ಲಿದ್ದವರನ್ನು ಇರುಸು ನಡೆಯಲು ಮೈಲುಗಳ ಮೂಲಕ ಖಾಲಿ ಸುರಕ್ಷಿತ ವಲಯದಲ್ಲಿ ಸೇರಿಸಬೇಕು. (ಅವಶ್ಯಕವಿದ್ದರೆ ಉಪಯೋಗಿಸಬೇಕು)
- ಪರಿಣಿತರ ಸಾಧ್ಯವಾದಲ್ಲಿ ಅಗ್ನಿಕಾಮಕ ಉಪಕರಣ ಅಥವಾ ಹೈಡ್ರಂಟ್‌ನ್ನು ಬಳಸಿ ಅಗ್ನಿ ನಂದಿಸಲು ಪ್ರಯತ್ನಿಸಬೇಕು.
- ಪ್ರತಿಯೊಬ್ಬರೂ ಗಾಬರಿಗೊಳ್ಳದೆ, ಒದ್ದೆ, ಜರುಸಾಗಿ ನಡೆಯಬೇಕು.
- ದುರಂತದಲ್ಲಿ ಸಿಬ್ಬಂದಿ ನಡೆಯಬೇಕಾದ ಸಂದರ್ಭದಲ್ಲಿ ಕಾವು ಖಾಲಿ ಸ್ಥಳದಿಂದಲೇ ರಕ್ಷಣಾ ಸಿಬ್ಬಂದಿಯ ಗಮನವನ್ನು ಸೆಳೆಯಲು ಯತ್ನಿಸಬೇಕು.

ಭದ್ರತಾ ಸಿಬ್ಬಂದಿಯ ಕಾರ್ಯಚರಣೆ

- ಅಗ್ನಿ ದುರಂತದ ಸಂದರ್ಭದಲ್ಲಿ ಅಗ್ನಿ ಕರೆಗಂಭೀರವಾಗಿ ಎಚ್ಚರಿಸಿ ಪರಿಗಂಭೀರವಾಗಿ ಭಾರವಿಡಬೇಕು.
- ದುರಂತದಲ್ಲಿ ಸಿಬ್ಬಂದಿ ನಡೆಯಬೇಕಾದ ಸಂದರ್ಭದಲ್ಲಿ ಪಾಲಿಸಬೇಕಾದ ನಿಯಮಗಳನ್ನು ಪಾಲಿಸಲು ಕಳಿಸಬೇಕು.
- ಅಗ್ನಿಕಾಮಕ ದಳದವರನ್ನು ಈ ಕೆಳಗಿನ ಸಂಖ್ಯೆಯಲ್ಲಿ ಸಂಪರ್ಕಿಸಿ ತಿಳಿಸಬೇಕು. 101, -----
- ಸಿಬ್ಬಂದಿ ಸ್ಥಳವನ್ನು ಭೇಟಿ ಮಾಡಿ ಅವಶ್ಯಕವಾಗಿ ನೆಲಸಮಗೊಳಿಸಬೇಕು. ಅಗ್ನಿಕಾಮಕ ಸಿಬ್ಬಂದಿಯನ್ನು ಅಗ್ನಿ ದುರಂತ ಸಂಭವಿಸಿದ ಸ್ಥಳಕ್ಕೆ ಕರೆದೊಯ್ಯುವುದು.
- 102/108 ಈ ದೂರವಾಣಿ ಸಂಖ್ಯೆಯಲ್ಲಿ ಸಂಪರ್ಕಿಸಿ ಅಂಬುಲೆನ್ಸ್‌ನ್ನು ಬರಮಾಡುವುದು.

SP-A-05



AVOID INJURY

Carry loads with a straight back

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SP-A-06



AVOID INJURY

Don't jump from heights

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SP-A-07

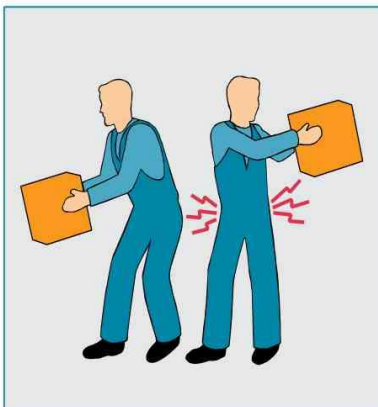


AVOID INJURY

Don't climb on equipment or racks

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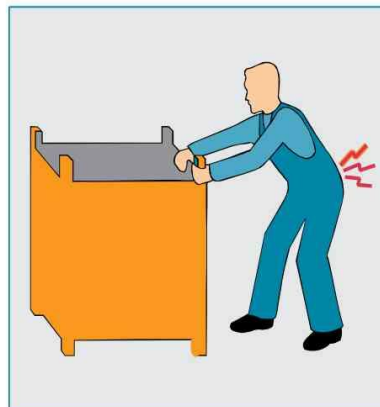
SP-A-08



AVOID INJURY
Don't twist
move your feet

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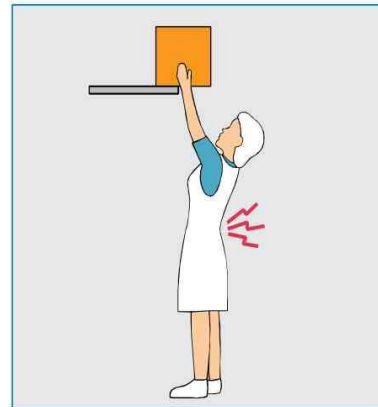
SP-A-09



AVOID INJURY
Use mechanical
means

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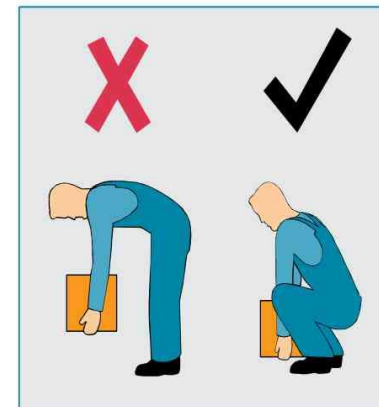
SP-A-10



AVOID INJURY
Store goods below
shoulder height

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SP-A-11



AVOID INJURY
Straight back
and knees bent

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SP-A-12

ELECTRIC SHOCK SURVIVAL

EMERGENCY: An electric shock may stun the victim and they may stop breathing. Check for any potential **DANGER**. For **HIGH VOLTAGE** situations, wait until a certified person has turned off the power. In **LOW VOLTAGE** situations, immediately switch the power off or if not practical clear the area of electrical contact around the victim with materials such as wood, rope, plastic or rubber. Do not use any metal or moist objects. Begin the **RESUSCITATION** procedure below immediately.

1 Danger Check For Danger To You To Casualty And To Others.	2 Response Talk & Touch RESPONSE Reasonable, Make Comfortable, Treat Bleeding And Other Injuries.	3 Send Call For Help EMERGENCY PHONE: 100 NUMEROUS AREAS PHONE: 112 YOUR MOBILE
4 Airway Check Airway NO RESPONSE If Required, Roll Casually On Side To Clear Airway.	5 Breathing Check For Signs Of Breathing BREATHING Look, Listen & Feel Observe Breathing	
6 CPR NOT BREATHING NORMALLY Begin CPR 1. Tilt Head Back 2. Place Heel Of Hand On The Middle Of Chest 3. Compress Chest 1/3 Of Chest Depth 4. 30 Compressions Followed By 2 Rescue Breaths 5. Continue CPR Until Responsiveness Or Normal Breathing Returns	7 Defibrillation Attach AED (Automated External Defibrillator) If Available & Follow Prompts.	

REMEMBER: DANGER • RESPONSE • SEND • AIRWAY • BREATHING • COMPRESSIONS • DEFIBRILLATION

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SP-A-13

BATTERY CHARGING PROCEDURES

- 1 ENSURE BATTERY CHARGER IS OFF WHEN CHANGING BATTERIES.
- 2 REMOVE CELL CAPS AND ENSURE TERMINALS ARE CORRECTLY CONNECTED.
- 3 RED/POSITIVE + IS LARGE TERMINAL.
- 4 BLACK/NEGATIVE - IS SMALL TERMINAL
- 5 DOUBLE CHECK CABLE CONNECTIONS.
- 6 SWITCH CHARGER ON.
- 7 WASH BATTERY WITH FRESH WATER THOROUGHLY AFTER CHARGING.
- 8 DANGER - INCORRECT PROCEDURE CAN LEAD TO BATTERY EXPLOSION.

BATTERY SAFETY - DO'S

- MAKE SURE CHARGER IS OFF WHEN CHANGING BATTERIES.
- WEAR SAFETY FACE SHIELD.
- WEAR RUBBER GLOVES.
- WEAR APRON.
- MAKE SURE CAPS ARE OFF BATTERY CELLS.
- MAKE SURE CELL PLATES ARE COVERED WITH WATER.

BATTERY SAFETY - DON'TS

- SMOKE OR USE NAKED FLAMES
- SHORT OUT TERMINALS TO TEST BATTERY.
- CHANGE BATTERIES WITH CHARGER ON.

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SP-A-14

HOW TO LIFT CORRECTLY

THE WRONG WAY TO LIFT

LEGS STRAIGHT, BACK BENT... THIS PUTS ALL THE STRAIN ON THE MUSCLES OF THE BACK AND CAN CAUSE INJURY.



THE CORRECT WAY TO LIFT

LEGS BENT, BACK KEPT AS STRAIGHT AS POSSIBLE. LOAD CLOSE TO BODY GRIPPED AT OPPOSITE CORNERS.



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SP-A-15

SWIMMING POOL RULES

1. Exclusively for the use of residents only.
2. Swim at your own Risk.
3. Please shower before and after using the Pool.
4. No Food, Drinks, Glass and Pets are allowed in and around the Pool area.
5. Proper swim attire required.
6. No running or horseplay on pool deck.
7. Children below 14 years must be accompanied by an adult.
8. No running, Jumping or Boisterous conduct in the Pool area.
9. SWIM DIAPERS Are required for all children who are not toilet trained.

For The Safety And Comfort, All Users Of This Facility Please Observe The Following



SHOWER BEFORE ENTERING THE POOL



USE REST ROOMS



WATCH YOUR CHILDREN

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SP-A-16

CLUB HOUSE RULES & REGULATIONS

1. Admission only to authorized members their guests & service-providers.
2. Children below 14 years shall be accompanied by adults.
3. Members shall be held responsible for the behavior, manners and actions of their guests.
4. Pets or livestock are not allowed within the Club House premises.
5. Managing committee shall not be responsible for any loss /damage of your personal belongings.
6. Any loss or damages to Club-House property shall be recovered from respective members
7. Smoking & consumption of Alcohol within Club-House premises are strictly prohibited.
8. Please maintain the decorum, good behaviour and manners to avoid any confrontations, complicit and safety and security hazards.
9. Managing committee reserves the rights of admission to the Club-House premises.
10. All clubhouse rules shall be strictly followed.
11. Club-House booking for private events please contact Manager.
12. One (1) adult must be present at all times for every five (5) minors. The homeowner/tenant must be included, as provided in Rule A.5.
13. In addition to Rule A.6, no alcoholic beverages of any kind are allowed at any time in the club house (including grounds.)
14. The club house facilities must be vacated by 10:00 PM.
15. Absolute maximum number of people allowed is 150.

For The Safety And Comfort, All Users Of This Facility Please Observe The Following



NO PETS



NO SMOKING



NO ALCOHOL

SP-A-17

GYM AREA RULES

1. Exclusively for the use of residents only.
2. Always be courteous respectful & considerate of others.
3. Consult your physician before beginning of an exercise.
4. Follow an appropriate gym dress code - clean clothing & closed top athletic shoes. No casual shoes, boots or sandals etc.
5. Use of gym equipments is available only for users above 14 years of age
6. No trainers are available. Use facilities and equipments at your own risk.
7. Smoking & consumption of Alcohol within Club-House premises are strictly prohibited.
8. Return weight to rack after use and don't drop the weights.
9. Use equipment only for it's intend purpose. No horse play.
10. Report any damaged equipments to the Manager immediately and do not use.
11. During peak hours stick on 20 minutes limit per station while others are waiting for treadmill, exercbike, cross trainer etc.
12. Do not lean on equipment. Keep your hands always away from any moving parts / objects. Please wipe-off the equipment after use.
13. Use a spotter when lifting - No exceptions.
14. No food or drinks except bottled water, Gatorade or energy drinks.
15. No loud noise or grunting (It's not necessary & indicates inefficient breathing.)
16. Turn-off lights, air, equipments when leaving.

For The Safety And Comfort, All Users Of This Facility Please Observe The Following



NO FOOD & DRINKS



NO SMOKING



NO BARE FEET

SP-A-18

PLAYGROUND RULES



DO NOT USE EQUIPMENT WHEN WET



NO RUNNING, PUSHING OR SHOVING



DO NOT USE PLAY EQUIPMENT IMPROPERLY



NO BARE FEET, WEAR PROPER FOOTWEAR

**ADULT SUPERVISION
REQUIRED FOR USE
PLAY CAREFULLY!**

SP-A-19



SP-A-20

WORLD ENVIRONMENT DAY


EARTH AND SKY, WOODS AND FIELDS, LAKES AND RIVERS, THE MOUNTAIN AND THE SEA,
ARE EXCELLENT SCHOOLMASTERS, AND TEACH SOME OF US MORE THAN
WE CAN EVER LEARN FROM BOOKS.



SP-A-21



SP-A-22



10 Forklift Safety Rules

- 1 Do not operate a forklift unless you have been trained and licensed.
- 2 Use seatbelts if they are available.
- 3 Do not allow passengers to ride on a forklift truck.
- 4 Operate the forklift at a speed that will permit it to be stopped safely.
- 5 Do not raise or lower the load (fork) while the forklift is moving.
- 6 Do not drive up to anyone standing in front of a bench or other fixed object.
- 7 Do not exceed the lift capacity of the forklift.
- 8 Complete an inspection of the forklift at the beginning of each shift.
- 9 Look in the direction you are traveling and maintain a clear view.
- 10 Sound the forklift horn at blind corners and intersections.

**Practice Safety—
Avoid Forklift Accidents**

SP-A-23

**SAFETY
DOESN'T HAPPEN
BY ACCIDENT**



SP-B-01



SP-B-02

SP-B-03

SP-B-04

SP-B-05



SP-B-06

SP-B-07

SP-B-08

SP-B-09

How to Handrub?

RUB HANDS FOR HAND HYGIENE! WASH HANDS WHEN VISIBLY SOILED

Duration of the entire procedure: 20-30 seconds



SP-B-10



SP-B-11



SP-B-12

HAZARDOUS MATERIALS CLASSIFICATION



SP-C-01

WORK PLACE SAFETY

- 1 Start work after obtaining work permit and with required PPE's
- 2 Follow all LOTO rules, while isolating energy sources
- 3 While working at height, follow all directions given in the work at height standard
- 4 Start work after obtaining work permit and with required PPE's
- 5 Ensure compliance to all relevant conditions for safety during welding & gas cutting
- 6 while entering the confined space, follow all rules of confined space Always report near miss and accidents

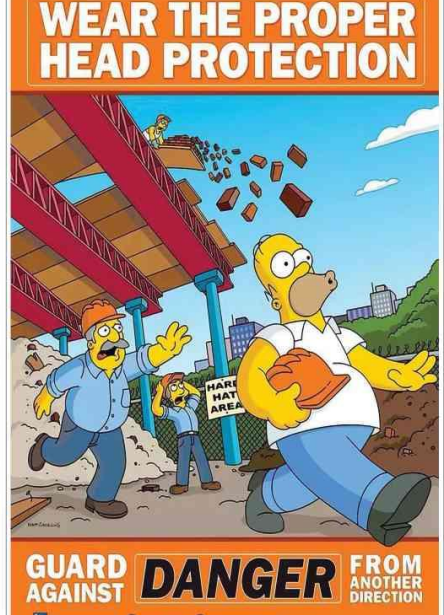
SP-C-02



SP-E-01



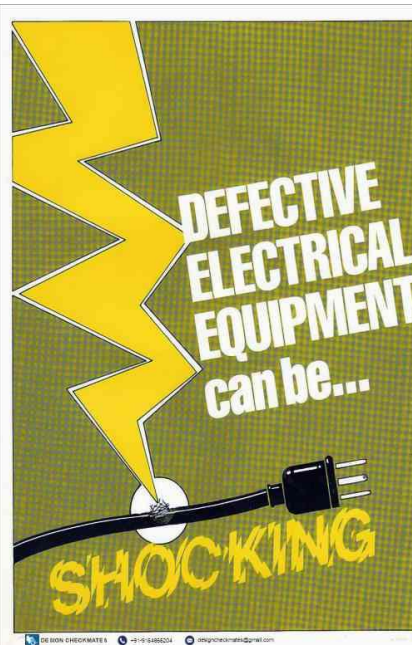
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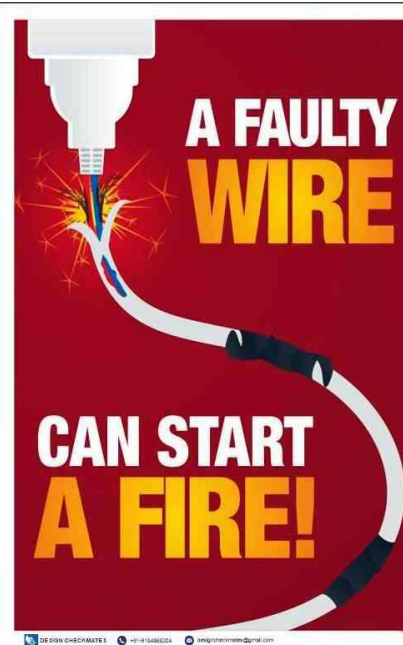
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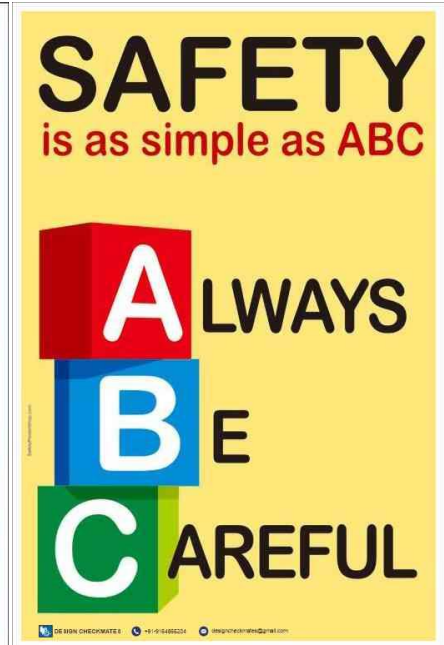
SP-F-01



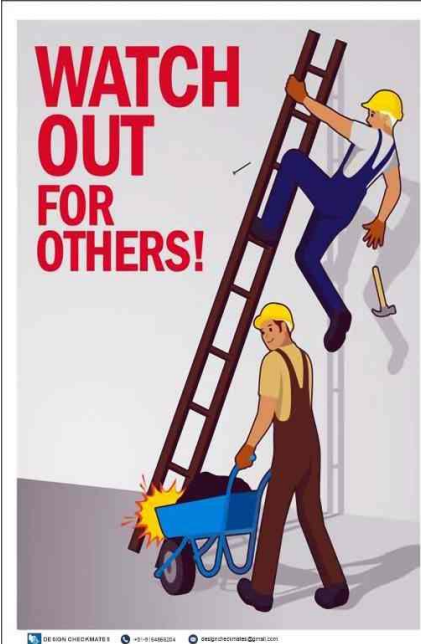
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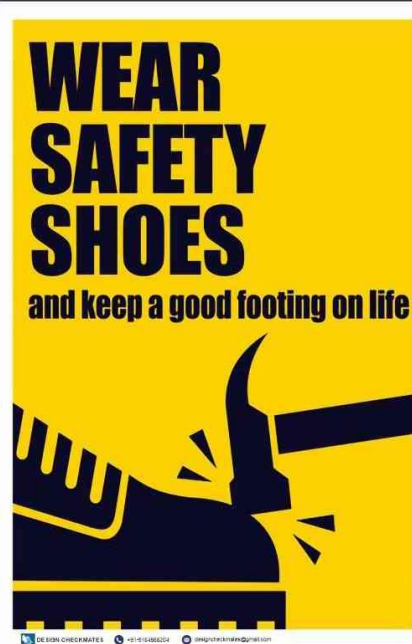
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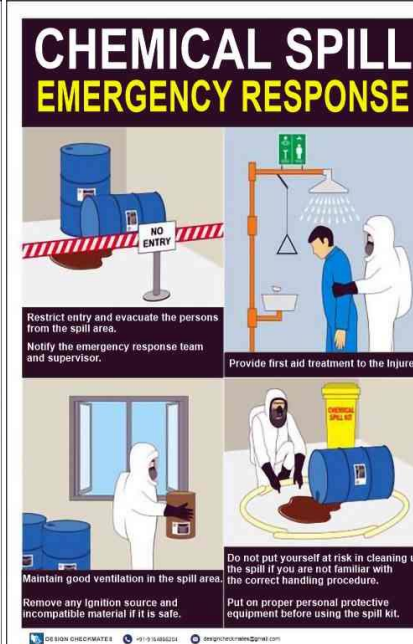
SP-G-01



SP-G-02



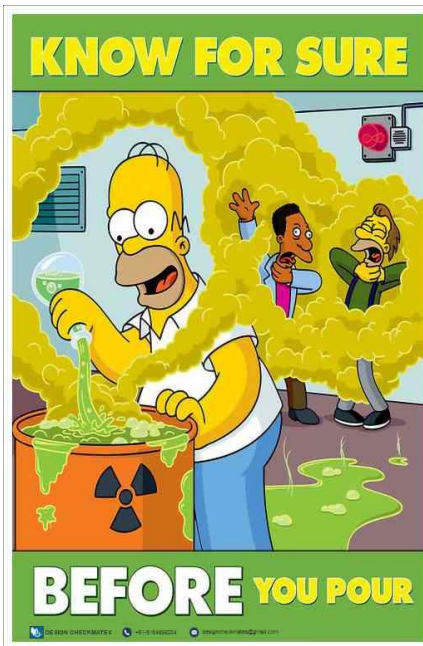
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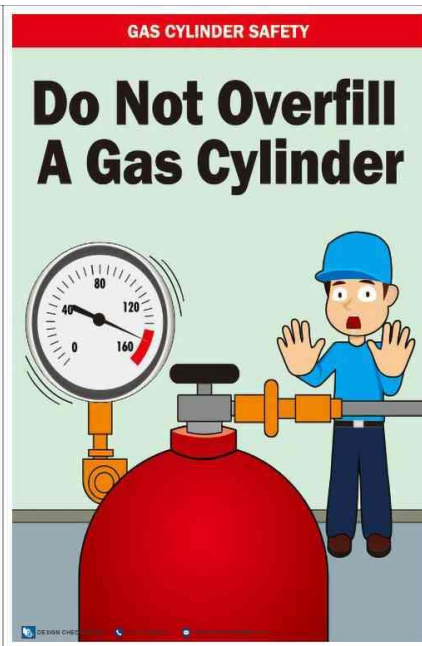
SP-H-01



SP-H-02



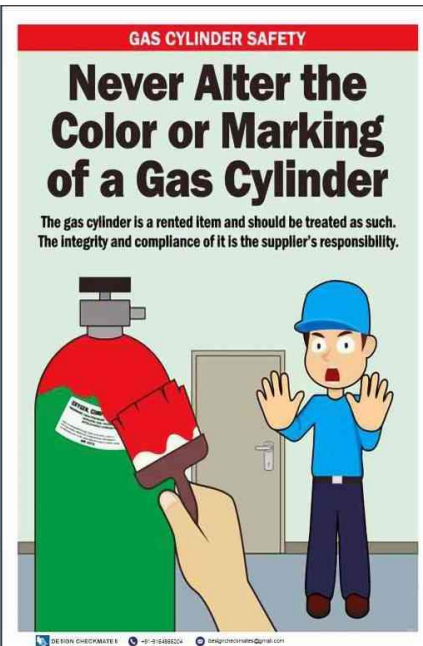
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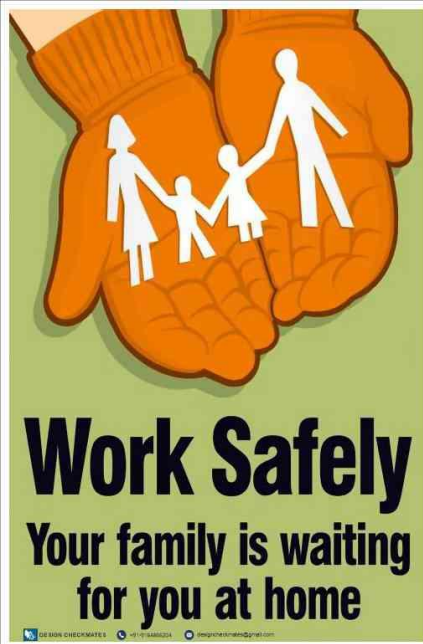
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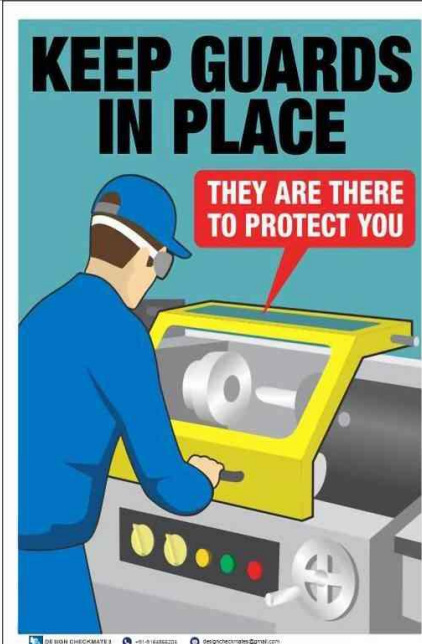
SP-I-02



SP-I-03



SP-J-01



SP-J-02



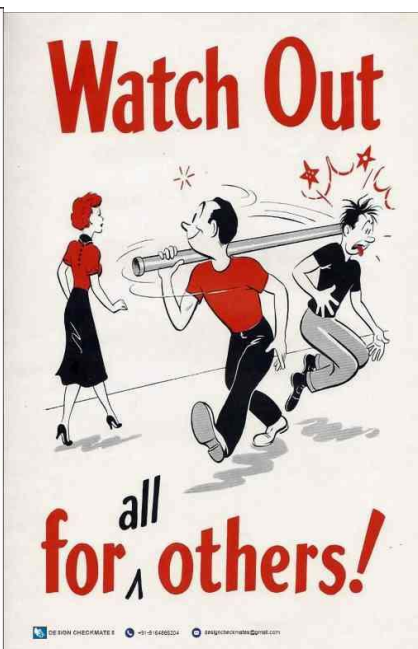
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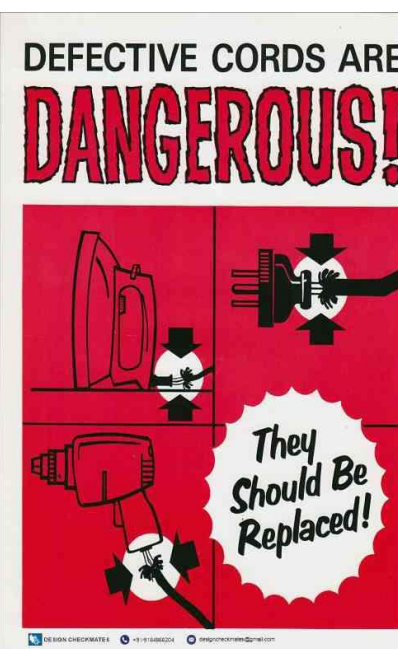
SP-K-01



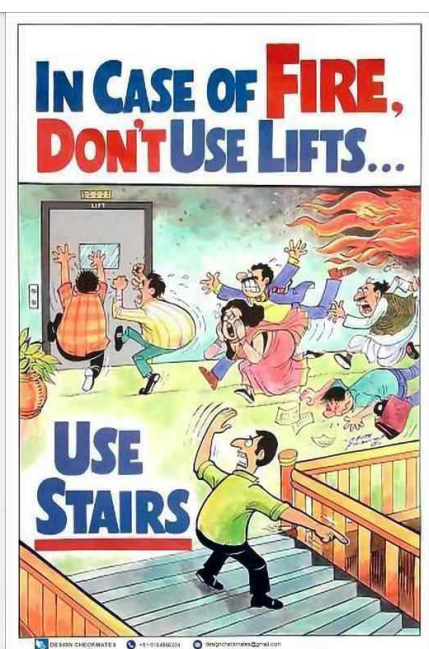
SP-K-02



SP-K-03



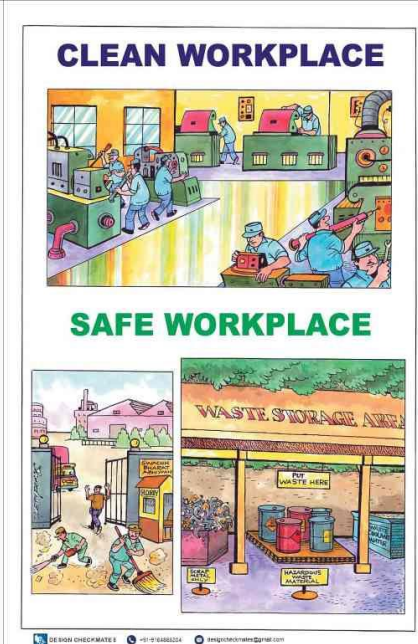
SP-L-01



SP-L-02



SP-L-03



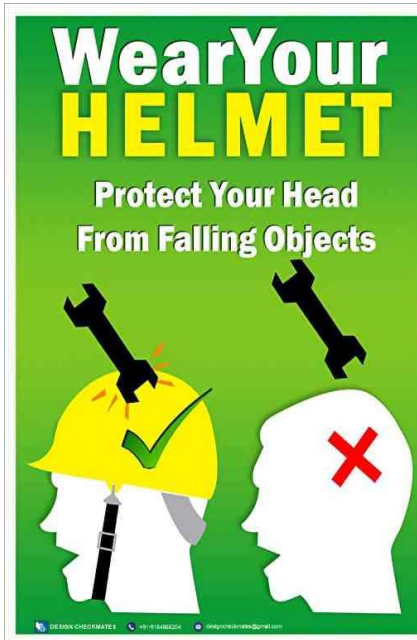
SP-M-01



SP-M-02



SP-M-03



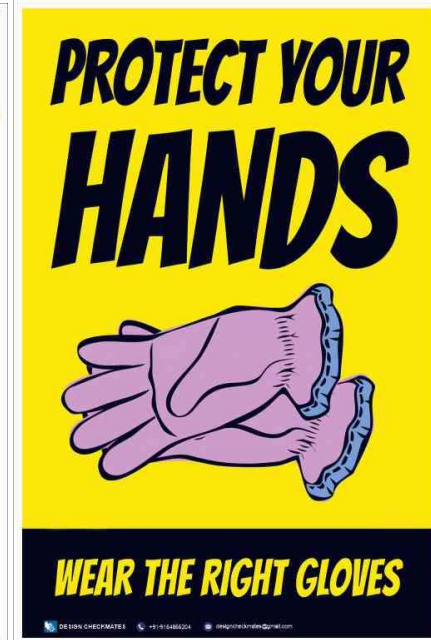
SP-N-01



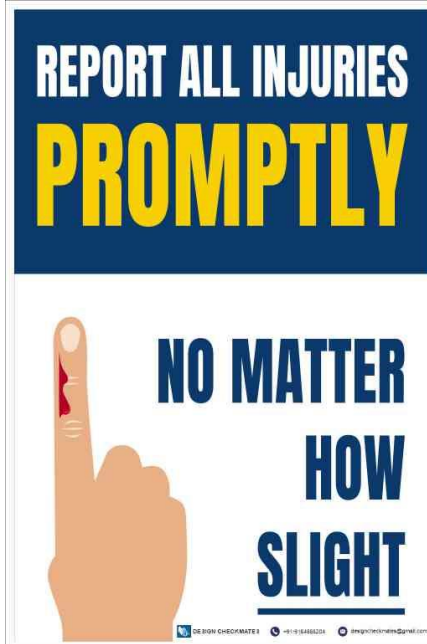
SP-N-02



SP-N-03



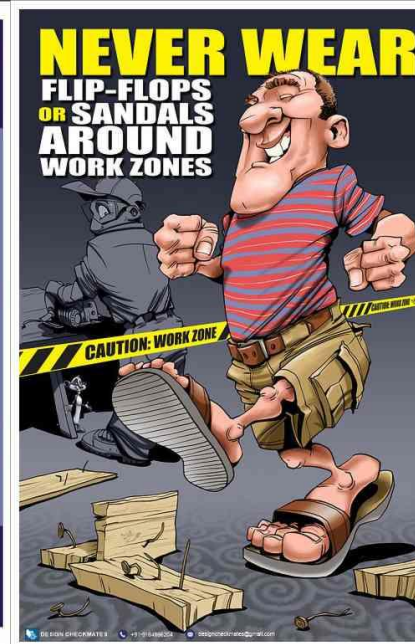
SP-O-01



SP-O-02



SP-P-01



SP-P-02



SP-P-03



SP-Q-01



SP-Q-02



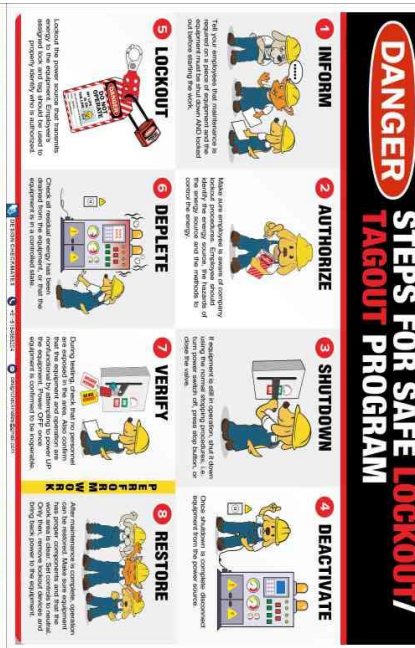
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SP-R-01



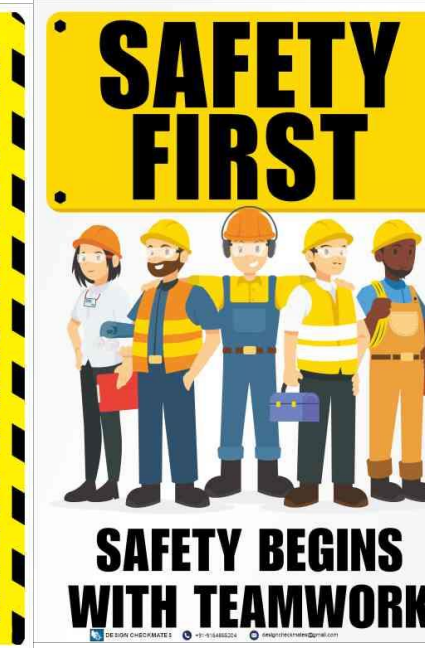
SP-R-02



SP-R-03



SP-R-04



SP-R-05