

# MONSOON SAFETY GUIDELINES

MS – BHARTI (FIELD OPERATIONS)  
ERICSSON



# MONSOON SAFETY



# SAFETY SHIELD



# DRIVING & RIDING SAFETY DURING MONSOON





# Common Scenarios in Monsoon... Right??





# Road Hazards



# Road Hazards (contd.)



- **Reduced friction** - Less friction increases the stopping distance.
- **Braking inefficiency** – Higher efforts required to stop, the tyre skids and makes the stopping difficult.
- **Reduced visibility** – Water dispersed from the wheels of vehicles in front forms a misty layer
- **Pedestrians** - Many pedestrians runs in panic to find shelter without realizing the speed and & direction of an oncoming vehicle.





# Road Hazards (contd.)

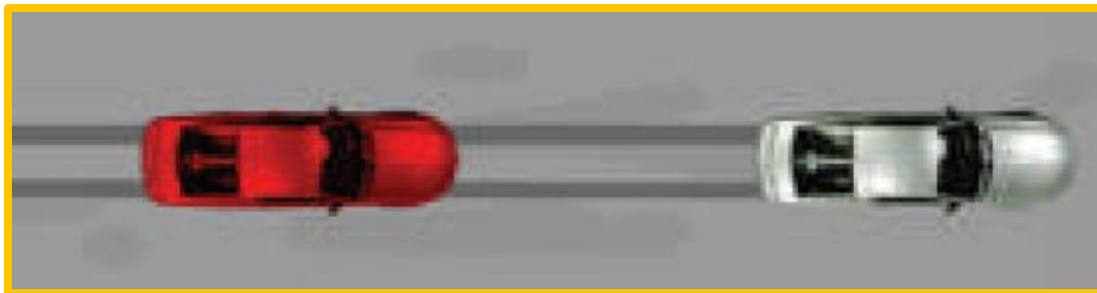
**Aquaplaning** i.e. forming of water film between road and the tyre makes the steering very light as the tires are not touching the road surface and thus the braking becomes ineffective.

This happens during high speed & is the reason for many accidents.

Do not try to cross **submerged Bridge / Culvert** or which have water flowing on the same. We see every year many vehicle getting washed away while crossing such culverts

Drive slow and in the track of the vehicle ahead of you. This will help in knowing any negotiation requirement

New roads to be avoided as the actual road pot holes or road breaks may not be visible due to water on roads





# Maintaining Safe distance



- A safe distance of 4-6 seconds from the vehicle moving in front of your vehicle. – keep reference to fixed object like tree or lamp post .
- For distance measurement you should count like that 1001,1002,1003....
- Don't drive if the visibility is less than 100 meters



# Things to be remembered



- Driving through **Stagnant water at high speed** may sometime make the wheels loose their traction control and cause dis-balance.
- Ensure wipers are working properly, wiper fluid is available.
- Once you come out from the areas filled with water, **pump your brake from 8-10 times**. It will drain water from brake drum and will also help in effective braking.
- Avoid **loud music** and keep your ear alert.
- Give left and right **indicators at least 10 seconds before you take any sudden turn**, moves and brake could be risky.
- All the **lights** must be in working condition.
- Exhaust pipes should not hang loosely.





# 2W Riders Safety

- **Full faced helmet** – Always use full faced helmet with visor covering the face to protect from rain drops which sting like bees and causing distraction.
- **Snug fit Waterproof gear** While riding motorcycles in the rain, comfort is all about waterproof gear, especially for your feet and hands
- **Being visible**, use reflective jacket over the rain coat or reflective rain coat while riding in the rain. Also ensure reflective stickers are available in good condition on the back side of cycle, bike and helmet.
- Watch for **extra slippery spots** like sandy, marshy or mud puddle spots
- **Good Tyres and Correct PSI** (i.e. tyre air pressure)
- Use the **rear brake in combination with the front brake** - Don't apply sudden brake in slippery situation.
- Always pass on the message to your line manager , where you are going and when you will come back. Similarly line managers must do monitor 2W riders in the field.
- Always **expect the unexpected**.



# Emergency or breakdown condition



- Try to park vehicle on the side of the road and switch on parking lights & Warning lights. Use Emergency kit.

## Emergency kit

- Warning Triangle
- A well equipped first aid kit with bandages, pain relief spray, mosquito spray
- A Swiss knife, Hammer to break open the glass of the drivers window in case of an auto – lock failure
- Nylon rope and spare umbrella
- Dry and nonperishable food items & Bottled water
- A fully charged torch/Emergency lamp



It is the right time to do all nearing due and overdue vehicle maintenance for uninterrupted journey.





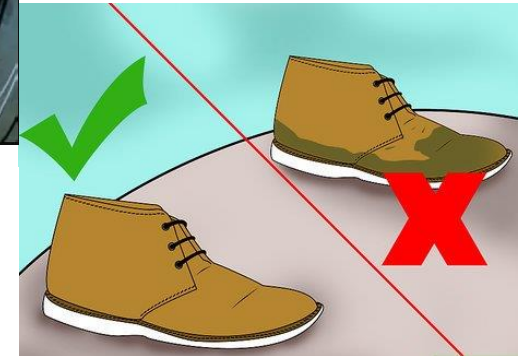
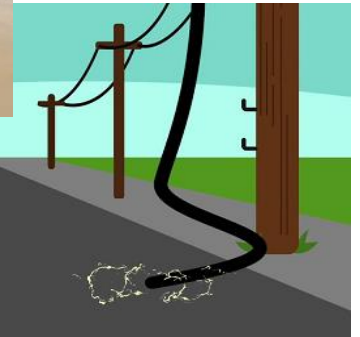
# ELECTRICAL SAFETY DURING MONSOON



# Electrical Safety



- Enter water logged area after doing proper risk assessment –
  - Whether any electrical cable submerged / merged into the logged water or not.
  - Mind your steps in anticipation of pot holes.
  - Take approval from area in charge and line manager
- Do not touch any metallic objects like gate, fencing, electrical poles & cable trays etc. which are wet or if you are wet.
- Keep your shoes in dry condition.
- Use electrical hand gloves for any electrical work and it must be in dry condition.
- Use FRP ladder for electrical work at height.

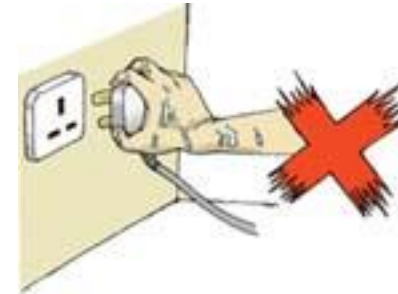




# Electrical Safety



- Any loose wire must be considered as live wire. So keep away from it.
- Do not touch any electrical & electronics equipment with wet hand.
- Ensure electrical tools are in dry condition and properly insulated.
- No outdoor electrical work during rain or standing on water logged area.
- Stay away from tree, tower or pole while lightning.
- Do not insert laptop / mobile charger into the plug top while your hand is wet.



# HEIGHT SAFETY DURING MONSOON



# Height Safety



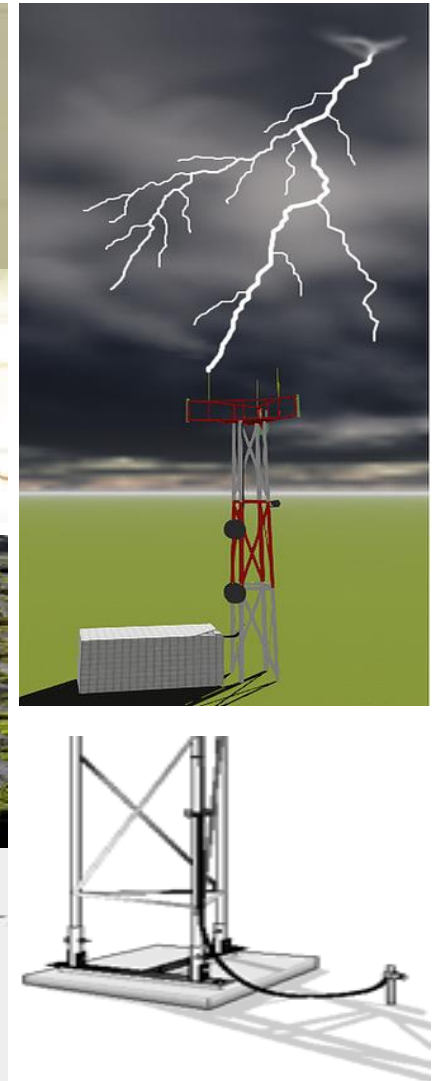
- Before climbing on tower / pole / doing any kind of height activity do proper risk assessment and take proper approval from line manager—
  - Check presence of any loose electrical cable near the structure.
  - Ensure you have hand gloves with proper grip and in dry condition.
  - Avoid using of wet safety harness / other PPEs.
  - Checks for every nook and corner, inside the pole mount for the presence of Crawling creatures or honey bee etc.
  - Avoid climbing on tower / pole , if the tower legs or ladder leg are submerged into water.
  - Check weather prediction and assess the situation whether there is a possibility of rain or not.





# Height Safety

- Always Anchor yourselves while climbing up & down, working on tower leg / pole structure.
- While doing work at height always be aware and assess the weather condition and take action accordingly to save yourselves.
- Before touching any metallic objects, always check its earthing connectivity.
- Use tool tethering process while working at height.
- Take extra precaution , if you need to access mossy ground /floor. And keep anchor yourselves if it is unprotected edge.



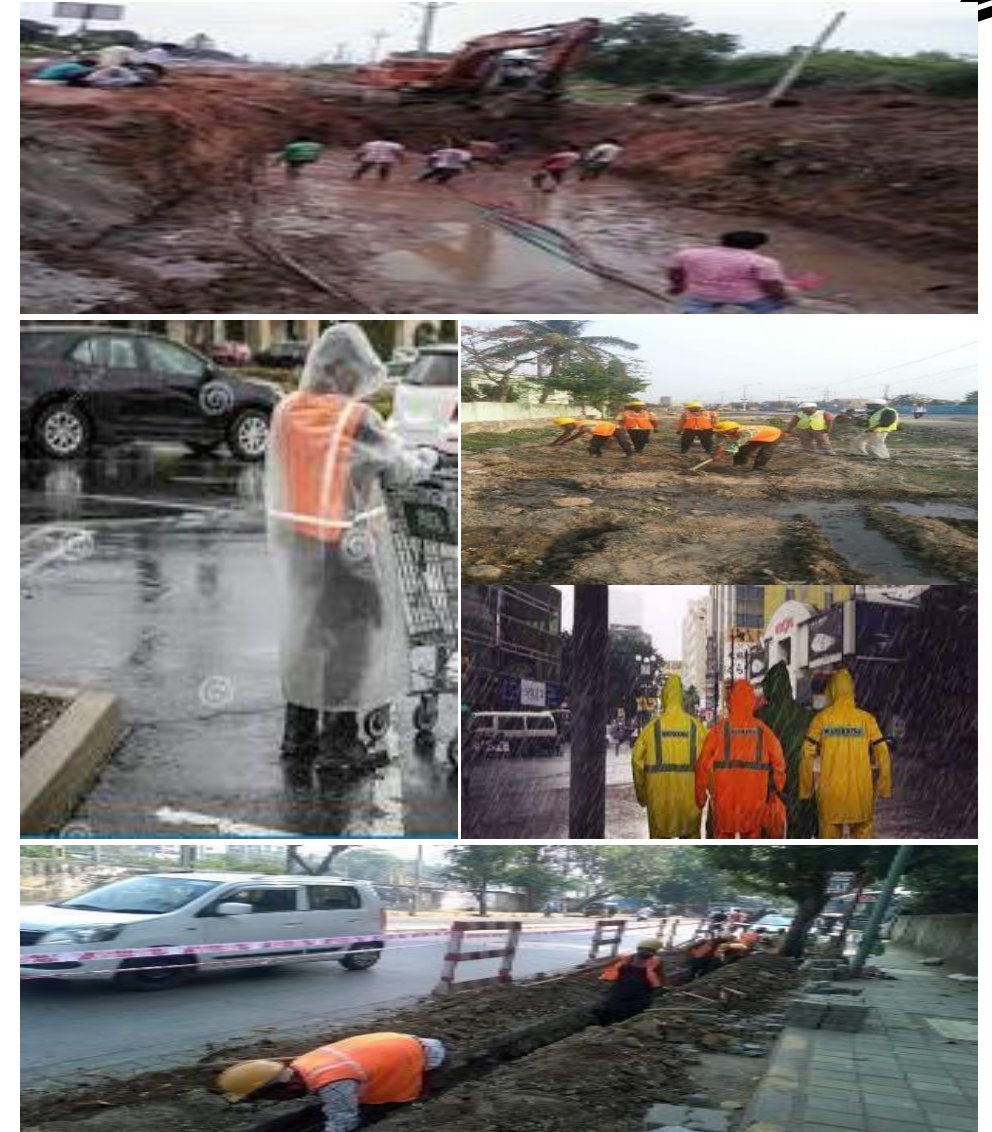


# STREET WORK SAFETY DURING MONSOON



# Street work Safety

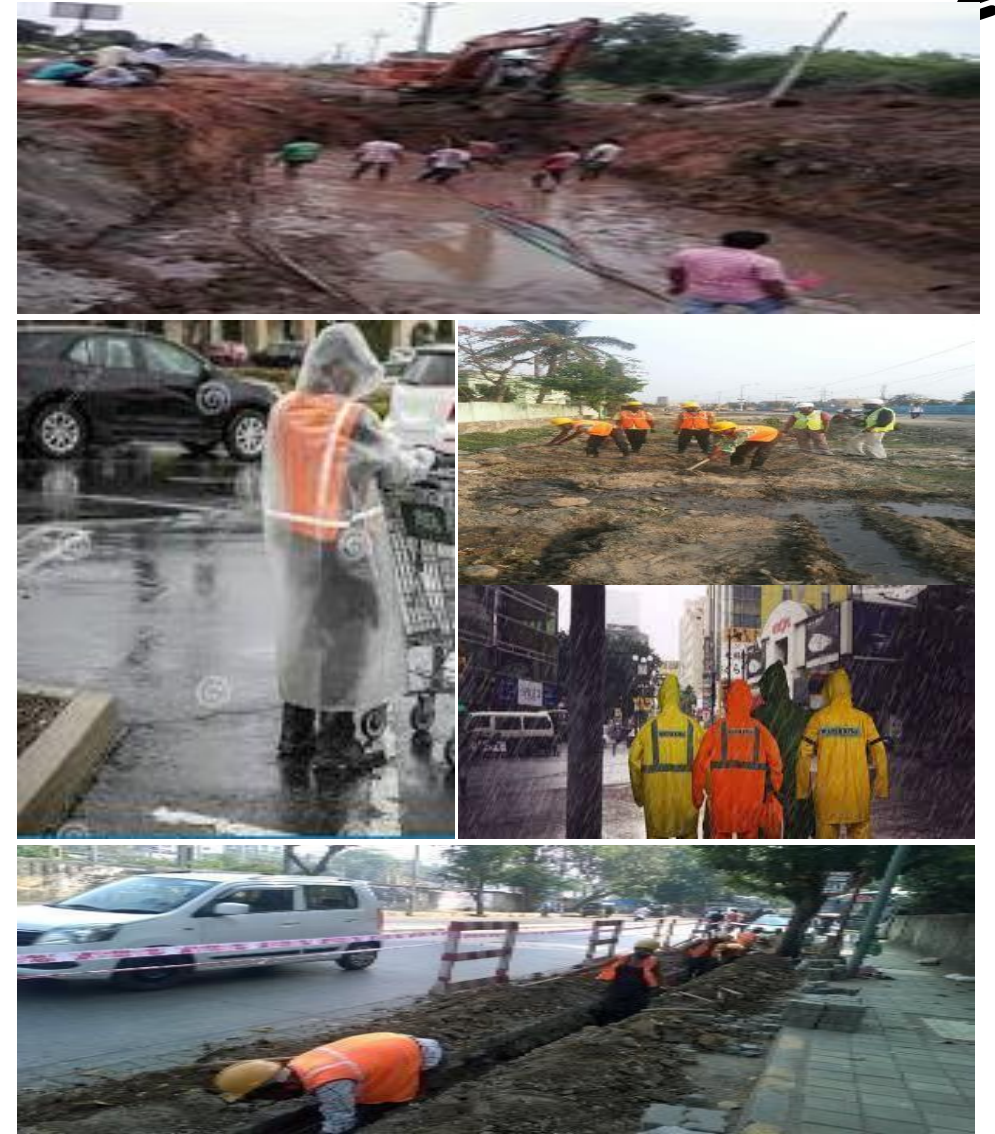
- Before doing any street work, do proper risk assessment –
  - If area is water logged and you have to assess the area then check it in anticipation of open manhole.
  - Presence of loose wire must be treated as live wires. And keep yourselves away from it.
  - Check for road side traffic situation.
  - Ensure you have permission from local authority.
  - Ensure you have PPEs like Safety Shoes, Gum boots, reflective jackets, helmets etc.
  - Ensure you have power cable locator.





# Street work Safety

- While working ensure area is barricaded with high reflective tape / signage /cone.
- Working at land slide prone area, always remain extra cautious.
- Do proper traffic management.
- Avoid working in bare foot.
- For any ladder work use FRP type ladder.



# Access to Flooded area



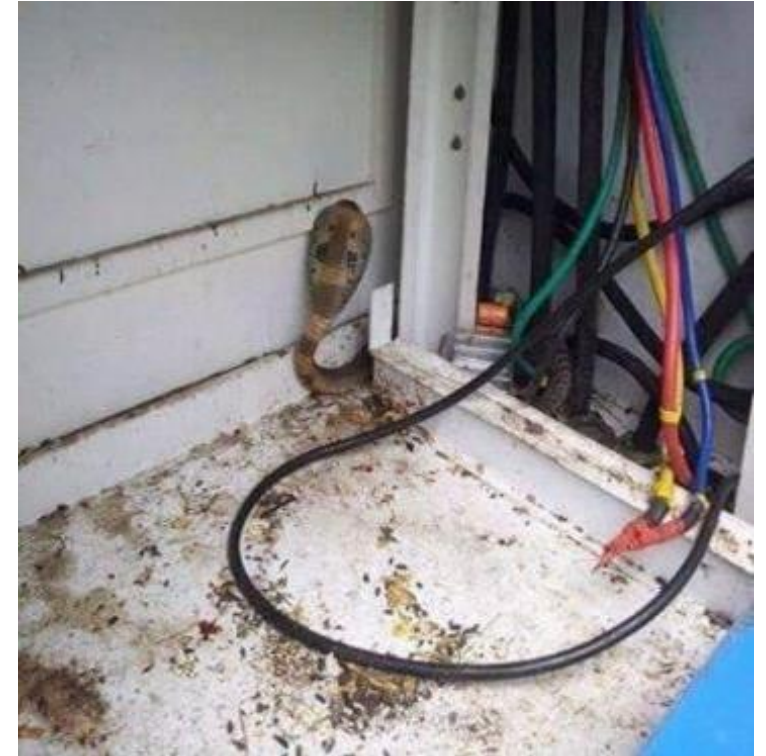
- Only authorised technicians shall be permitted for travel
- Before starting journey, weather forecast must be checked to avoid new added risk
- Detailed HIRA & line manager approval must be ensured before work
- Technicians must travel with members who are experienced and equipped to deal with the emergency situations
- Always wear a good fitting, appropriate life jacket, helmet & protective clothing
- Always let someone know where you're going and when you plan to be back. If you do have an emergency and are overdue, there is someone to alert and guide trained rescue personnel.
- Never put your feet down in water
- Don't ride on overloaded boat and Don't ride alone.



# Snake & other poisonous insects



- While accessing closed Panel, DBs , BTS , OFC chamber etc , be careful as snake or other poisonous insects may present inside them.
- Sometimes we have seen them on the BTS mounted as well on the tower top. So while climbing, always remain cautious.
- Avoid going to high and dense vegetation areas.
- It is better to clap frequently or use of a stick to keep warning them about your presence.
- Do not walk here & there in dark condition.
- Maintain hygiene in our all premises.





# Not to forget about Covid safety



Wear double mask



Wash hands frequently



Maintain distance



Sick? consult with doctor



Vaccinate yourself



Avoid gathering



Avoid over crowded transport



Avoid touching the mask



TAKE EXTRA CARE  
IN THE RAIN.

Luck can save you single time..... but Safety will save you every time





*thank you*



