

Occupational Health & Safety



Awareness Training, Ericsson



Health & Safety Agenda



- Safety Rules & Guidelines
- Personal Protective Equipment
- Working at Height Safety
- BMAS OHS Audit for MS Field Services
- Videos: Incident & Accident Reporting

OHS part in FEAT

- Permit To Work at height (PTW)
- Site Safety Inspections (SSI)
- 4 Wheeler Pre-drive audit
- 2 Wheeler Pre-drive audit

DO & DON'T

- Climbing At Height Safety
- Driving & Vehicle Safety
- Electrical Safety





Zero Tolerance Safety Rules

Obligation to intervene and report when observing a breach

Protect yourself against falling from height



Always wear seat belt



Verify energy isolation before work



Use correct Personal Protective Equipment (PPE)



Do not use your phone while driving and do not exceed speed limits



No alcohol or drugs while working or driving



Do not walk within a drop zone

Choosing to ignore the rules is choosing not to work for Ericsson

Personal Protective Equipment (PPE)



- Use PPE without fail .. not optional !
 - Vehicular Driving
 - Working on height
 - Climbing a Telecom Tower
 - Working underneath an Installation
 - Mechanical/Electrical Repair works
 - Working on Fiber Route at Road-side...



**STANDARD
&
APPROVED**





Personal Protective Equipment (PPE)

- **Safety Belts & Harness for Fall Protection**
 - Only Class-3 type
- **Lanyards**
 - Fall protection anchor point
 - Navigation, while 100% tied-off
- **Carabiners - Reverse connect & Lock**



Personal Protective Equipment (PPE)



■ Hard Hats for Head protection

- Equipped with Chin strap and cradle harness
- Made of HDPE, ABS or Polycarbonate



■ Eye Goggles for Eye protection

- Equipped with Head band/strap
- Dustproof, clear and scratch free



■ Hand Gloves for Injury protection

- Suitable working gloves for right grip



Hazard

Type of Glove

- | | |
|---------------|-----------------------|
| • Light Duty | Cotton/ Leather |
| • Medium Duty | Leather Palm |
| • Heavy Duty | Cut resisted material |
| • Hot Duty | Insulating Gloves |

Personal Protective Equipment (PPE)



■ Shoes for Feet protection

- Leather Boots with non-conductive soles
- Steel-toe protection, sturdy fit
- Extra grip for slip protection
- Approved quality Shoes



■ Ear Plugs for Ear protection

- Use Ear Plugs/Sound muffers for Noisy areas

Noise Zone	Day Time (06.00-21.00 Hrs.)	Night Time (21.00-06.00 Hrs.)
Industrial area	75dB	70db
Commercial area	65db	55db
Residential area	55db	45db
Silence Zone *	50db	40db

* Up-to 100 meters around Hospitals, Educational and Court premises.





Working at Height Safety

■ Safe Climbing - Prerequisites

- Trained & Approved Climbers
- Sound medical fitness of the Climber



■ Safe Climbing - Requirements

- Inspected and approved PPE
- Full Body Harness, Anti-slippery shoes
- Adequate protective clothing, Hard Helmet
- Approved & Inspected lifting devices & tools
- Tower must be earthed properly and structurally safe- ensure before climbing

Safety on Telescopic/Monopoles



- Vertical Life-Line (Rope /Steel)
- Fall Arrester - Rope/Cable Grabs
- Full Body Harness
- Positioning Lanyards
 - Self-Retracting
 - Shock- absorbing



BMAS OHS Audit for MS Field Services



Each person providing general field services is to be audited at least twice per year.

- Audits are to be performed by line managers, or team leads.
- Audits should take place while observing the activity of the field resource, performing regular job tasks.
- Audit results circulation per month.

Url: <http://125.22.98.132:801/>

Process:

- ZTM and its equivalent shall audit FME and its equivalent in their circle.
- O&M Head and its equivalent shall audit ZTM and its equivalent in their circle.
- Circle Head shall audit O&M Head and its equivalent in their circle.



Video links for full explanations-



1. Incident reporting tool: [GIRT](#)
2. Incident handling process https://play.ericsson.net/media/t/0_1brh9zfk
3. OHS -ASP Training <https://www.ericsson.com/en/about-us/sustainability-and-corporate-responsibility/responsible-business/responsible-sourcing/ohs-online-training>
4. Supplier's OHS Requirements <https://www.ericsson.com/en/about-us/sustainability-and-corporate-responsibility/responsible-business/responsible-sourcing/supplier-ohs-requirements/english>
5. Zero Tolerance Safety Rules <https://www.ericsson.com/en/about-us/sustainability-and-corporate-responsibility/responsible-business/health-and-safety>

PERMIT to Work @ Height



The following procedures shall apply:

- Permit to Work at height check list implemented in FEAT tool Apps.
- All FMEs, ZTMs, O&M Heads and CHs are defined in FEAT.
- Line manager must ensure that adequate PPE is available on site for the assigned work and it is inspected prior to use. Including for monopole sites.
- FME/DT Engineer will raise PTW workorder only if all the points in Section 2 are confirmed. (refer Mandatory checks for PTW approvals in next slide).
- FME/DT Engineer shall fill all mandatory PTW checklist in FEAT before starting any work at height activity and submit by putting his signature as an authentication for next level approval by ZTM/ NPI Lead.
- ZTM/ NPI Lead verify all mandatory PTW checklist which are submitted by FME. (e.g Pics of Rigger with mandatory PPEs/ Work@Height Certificate and Medical fitness Certificate of Rigger etc.)
- ZTM/ NPI Lead approving or rejecting the request in FEAT as per the mandatory checks by putting his remarks & signature as an authentication. (refer Mandatory checks for PTW approvals in next slide).
- FME/DT Engineer shall allow Rigger to climb the height/tower and start working only after receiving PTW approval by ZTM/ NPI Lead in FEAT.
- FME/DT Engineer shall ensure that Rigger hooks should be anchored always starting from stairs. There should be one hook always anchored.
- FME/DT Engineer should always vigilant and keep monitoring each activity at site performing by Rigger.
- No deviation is allowed in PTW process.
- Zero Tolerance to be followed for PTW checks.

Mandatory checks for PTW approvals



PTW approval will be done only if following points are 100% confirmed. ZTMs/NPI Leads should reject the PTW and ask for new request if any data is missing/not clear.

- *Before allowing Rigger to start the work, ensure present physical condition of Rigger (no feeling sick, fatigues, sleepiness, tiredness etc).*
- *Always give verbal messages to Rigger:*
 - *Life is important*
 - *Safety is your responsibility*
 - *Always anchor yourself with tower*
- Workorder No. & Site ID
- Competent Rigger: FARM and Medical certificates of Rigger must be handy with resource.
- Adequate PPEs wore by Rigger (Double Lanyard Full Body Safety Harness, Shoes, Gloves, Helmet etc)
- Picture of Rigger with PPEs
- Picture of Drop Zone
- No tower/height climbing during Bad weather (rainy/windy), slippery, Honey-bee & Eagle affected sites and after sunset.
- Area cordoned off / drop Zone marked
- Emergency contact numbers available
- Is Lightning storms in the vicinity
- Poor visibility -Is there light visibility Okay
- A supervisor available to monitor the work at height

Site Safety Inspections (SSI)



Purpose of OHS Site Safety Inspection: To improve safety in performing high risk activities [i.e. Antenna Rectification/ Installation of Antenna / MW Activity / Optimizations] and to ensure adherence controls to its standards

Process:

- ZTM performing SSI audits of 2 sites
- Domain Leads verifying those sample site
- Final Validation by Circle head
- Refinement of observation during next visit or PM

Critical OHS Parameters for SSI audit:-

1. Rigger trained (CBTHR/FARM certified)?
2. Mandatory PPE ?
3. Permits to Work @ Height?
4. Safe zone setup properly?
5. Sufficient barriers and signage?
6. Electrical work lock out procedures in place?
7. NO Smoking/ Alcohol regulations?
8. Emergency contact numbers?
9. Control measures on site?
10. ZTSR Awareness?

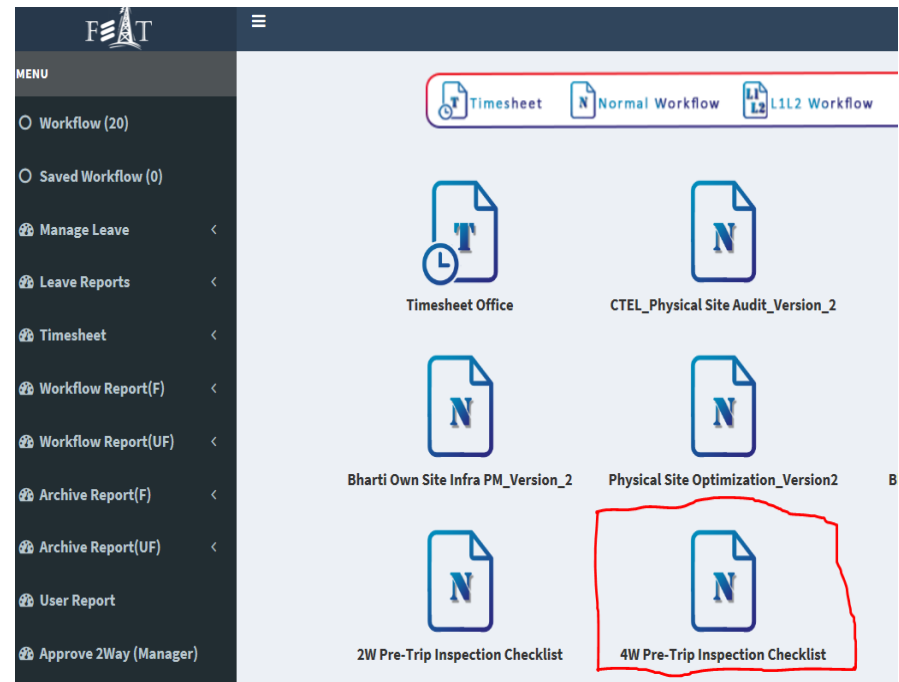
4 Wheeler Pre-trip audit



Purpose: For safety measure and safety awareness on road , user need to submit 4 wheeler pre-trip inspection checklist in FEAT before starting the ride.

Process:

All resources who are moving on 4 wheelers for any field operational activity must submit “4 -wheeler” compliance check sheet in FEAT



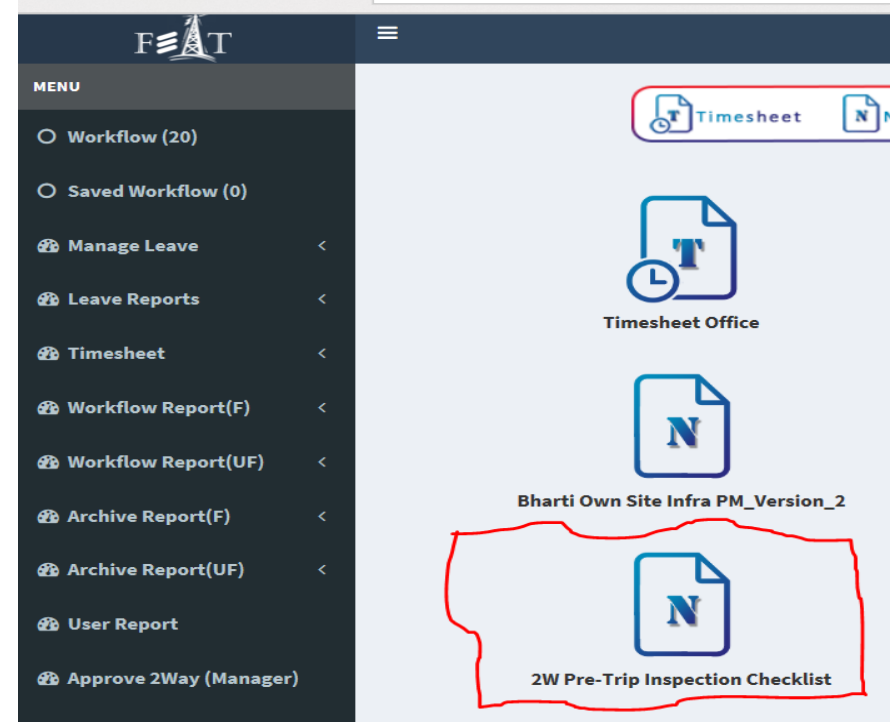
2 Wheeler Pre-trip audit



Purpose: For safety measure and safety awareness on road , user need to submit 2 wheeler pre-trip inspection checklist in FEAR before starting the ride.

Process:

All resources who are moving on 2 wheelers for any field operational activity must submit “2 -wheeler” compliance check sheet in FEAT



Climbing At Height Safety



Do's



Microsoft Word
Document

- Always use standard Personal Protective Equipment.
 - PPE for riggers: Safety Kit (Full body safety harness, lanyard, Fall Arrestor), Safety helmet, Safety shoes Safety gloves, Safety glass & Reflecting jacket etc.
 - PPE for non-climbing FMEs: Safety helmet, Safety shoes & Reflecting jacket.
- Free climbing is not allowed at any time. It is mandatory to use full body safety harness & other means of fall protection while working above 2 meters of height.
- 3Ps contact all time should be maintained without fail while climbing at height.
- Adherence of Permit to Work@Height process.
- Allow only Trained/Certified and Medically fit Climbers.
- Inspect Tower and around, look for tower earthing before activity.
- Get-off the tower immediately, as soon as you hear storms (thunder, lightning).
- Always have an emergency plan, know your location & directions.
- Discourage visitors and on-lookers near the tower.
- Report any Incident (Near miss, Minor, Major) immediately in GIRT.
- Ensure Zero Tolerance Safety Rules to be followed.
- All resource must complete OHS mandatory trainings available on ITM/External ITM:Occupation Health & Safety Induction, Incident Handling, Radio Frequency Exposure (Part 2) & Safe Driving Awareness.

Don'ts

- Never climb a Tower without adequate PPEs.
- Never climb/work on a tower when tired or feeling sick.
- Never throw things off the tower- it has fatal consequences.
- Do not climb tower in bad weather (rainy/windy) and after sunset.

Driving & Vehicle Safety



□ Do's

- Before starting first trip every morning FME/ZTM upload Pre-trip inspection checklist in FEAT tool.
- Must check Permanent valid driving licenses, vehicle and rider insurance, RC, PUC and fully serviced vehicle.
- 2-wheeler compliance: always use Full Face ISI marked helmet with chin strap, Reflecting Jackets, Safety Shoes and Driving gloves.
- 4-wheeler compliance: all seats belt in good condition, RC & Insurance copy verified, Vehicle must be regularly maintained and roadworthy condition, driver must be trained in 4W defensive driving trainings.
- Report any Incident (Near miss, Minor, Major) immediately in GIRT.
- Always have an emergency plan, know your location & directions.
- Ensure Zero Tolerance Safety Rules to be followed.
- All resource must complete OHS mandatory trainings available on ITM/External ITM: Occupation Health & Safety Induction, Incident Handling, Radio Frequency Exposure (Part 2) & Safe Driving Awareness.

□ Don'ts

- Never start any trip without risk assessment of vehicle.
- Never start any trip without uploading Pre-trip checklist in FEAT tool.
- 2-wheeler riders: Don't driving in rain or in adverse weather conditions.
- Night travel should be avoided as far as possible, if required to travel during night hours, approval from ZTM, O&M Head or Circle Head should be obtained and emergency contact numbers must be available.

Electrical Safety



☐ Do's

- Allow only qualified and experienced person for Infra related activity.
- Always use standard Personal Protective Equipment.
- Risk assessment to be done before start work on Electrical Panels, UPS, Batteries etc.
- Ensure Non of the equipment/ tower is wet before start electrical work.
- Ericsson resource are NOT authorized to work on Govt. electrical lines or Transformers.
- Report any Incident (Near miss, Minor, Major) immediately in GIRT.
- Always have an emergency plan, know your location & directions.
- Discourage visitors and on-lookers while electrical work.

☐ Don'ts

- Never start any electrical work without risk assessment.
- Never start any electrical work without adequate PPEs.
- Do not work in rainy weather.



Thank You