



MANGAN INC.

ENGINEERING & AUTOMATION SPECIALISTS



What We Do



Short Service Employees

*You don't have to be young to be inexperienced,
and experience is not the equivalent of
knowledge...*

*Understanding how the flow of energy transfers
from one source to another is through
knowledge*

*Understanding how to work safe around the
energy is through experience*



Short Service Employees

- Studies show that in heavy industries up to 25% of injuries will occur within the first 30 days of starting work.
- The next highest injury rates come from employees who are new to a location.
- Both of these groups constitute the Short Service Employee (SSE).



Short Service Employees

- A Short Service Employee is an employee new to an industry, site, or the company, and must follow...
 - Follow the client’s policy for employees new to the site environment
 - In addition, and as required...
 - Participate in Mangan’s Safe Field Work Program (mentoring program)



Project Success
Through
Project Safety

SAFE FIELD TRAINING PROGRAM

Instructions & Checklist

1. An experienced MANGAN employee (“site mentor”) shall be assigned to work with the “site trainee” (new to company or new to site) for an induction period. Assignments shall be noted below.

Safe Field Work Program

- How it works:
 - The employee who is to be mentored and the employee mentoring are provided Guidelines



Safe Field Work Program

- How it works
 - The employee new to the site receives client access training.
 - Their badge is held by the Safety Representative.
 - They are assigned a mentor.



Safe Field Work Program

- How it works
 - With their mentor, they check out their site access badge prior to going to the field.
 - Follow their site mentor in the field paying close attention to the topics covered.
 - Consider Situational Awareness – Ask “What if” questions.
 - Recite back to your site mentor what has been covered to clarify any misunderstandings.



Safe Field Work Program

- How it works
 - The SSE will return the badge to the Safety Representative.
 - Be prepared to discuss their understanding of the topics covered with the office Safety Representative or Project Manager.
 - Repeat these steps for each site visit until the checklist is complete, no less than five trips to the field.

A SSE is never to enter a client site unescorted until their Field Safety Training Program is complete and they have received approval from their Project Manager.



Safe Field Work Program

Mentoring Form – Covered Topics

Site Safety	JSA and high risk activities
- Emergency Evacuation	Fill out a SMART Card
- Emergency Reporting	Fall Protection
- Unit Sign In / Out	Respiratory Protection
Drugs, Alcohol and Security Search	Hearing Conservation
Permit Procedures	Personal Protective Equipment
Hazard Communication	Leaks and Fires

The form covers five mentored visits to the field.

SMART Safety Emphasis



SMART Safety Emphasis



Cutover PLC- stroke MOV's, open/close mov without operation approval, maintain close communication with RP&S Ops

Communication trouble shooting, live electrical, trip & fall, safe distance, walk carefully

Cut over new PLC hardware & software, electrical shock, LOTO all potential electrical sources

Arc flash site survey, open live electrical switchgear, let technician take down information and a picture when doors are open

SSE and SMART



- Is this a activity a mentoring opportunity?
 - Safety around medium voltage
 - Observing LOTO
 - Host and lead a client complex loop review



SSE and SMART

- Short Service Employee (SSE) mentoring
- SMART and mentoring

Questions

