

SAFETY FIRST

Issue No: 18

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Message from CEO

Know a safety related term

Safety theme – Contractor safety

Brief monthly safety report

 **المهندسة المتقدمة**
Advanced Engineering

My Dear Colleagues and Friends,



I would like to emphasize on the contractor safety also. The contractor working in our site and property are responsible for the safety and are to be held equally responsible with our personal. Contractors should have standards expected of our own employees. Contractors on site might include: construction workers installing equipment; owner-operator truck drivers; plumbers; electricians; maintenance personnel; carpenters; and service personnel dealing with areas ranging from fire extinguishers to pest control etc.

Abdullah Ali D. Husain
Chief Executive Officer





Improving Safety through
Empowering Employees



FAULT TREE ANALYSIS (FTA)

Fault Tree Analysis (FTA) is a popular and productive hazard identification tool. It provides a standardized discipline to evaluate and control hazards. The FTA process is used to solve a wide variety of problems ranging from safety to management issues. The FTA is a graphical logic representation of fault events that may occur to a functional system. It is mainly used in system reliability, maintainability and safety analysis. It is a deductive procedure used to determine the various combinations of hardware, software failures and human errors that could cause undesired events at the system level.

Description	Picture	Truth table		
		Input A	Input B	Output
The "and" gate indicates the output occurs if all the input events are present.		T	T	T
		T	F	F
		F	T	F
		F	F	F
The "or" gate indicates the output occurs if at least one of the input events is present.		T	T	T
		T	F	T
		F	T	T
		F	F	F

If a part or another factor is functioning correctly, the state is true (T). If the part or other factor is malfunctioning, the state is false (F). When a logic statement is true, it is assigned a Boolean logic value of one. When a logic statement is false, it is assigned a Boolean logic value of zero.

Safety Theme: Contractor Safety

A safe work environment is not only created by a company's employees only; it also depends upon the safety performance of the contractors who are employed. Always remember the following while dealing with contractors.

- Know who your contractors are. Know where they are and what they're doing. Know how many are on site so they can be notified and evacuated in case of an emergency like a fire or taken to shelter in the event of a natural disaster. Who's responsible in your Emergency Action Plan for handling contractors on site? What if that person's not around? Is there a backup?
- Make sure your contractors are using the appropriate Personal Protective Equipment. If someone sees a non-compliance issue, whom should they contact? What sort of safety record does your contractor have? Are insurance requirements met? Empower your workers to alert you when safety violations are observed.
- Communicate the hazards of your operation to your contractors before they begin work, especially if this is their first time on site or if processes have changed since they were last here. It's a good idea to meet with your contractors face to face and document your meeting. It's also a good message to your own workers that there is no double standard when it comes to safety.
- Don't loan tools or equipment to your contractors. They should provide their own. Do you have more than one contractor on site? Check if they understand how to keep out of each other's way?
- Leased or temporary employees are one specific group of contractors that bears special attention. Know your contract with your agency providing these workers. Who is responsible for their supervision: you, or the agency? Do they have a supervisor from the agency on site?
- Contractors and their safety representative or designee must conduct a complete safety orientation for all employees new to the construction site. The purpose of the orientation is to provide employees with an awareness of what they can expect and what is expected of them on site.

Monthly Safety Report:

- No major safety related incidents was reported last month. All the operational activities are carried out by utmost degree of safety.
- Toolbox talk is being conducted constantly and all the team members are briefed about the safety precautions which is to be followed while doing their assigned job.
- There was zero loss time and down time because of work related injuries, as nothing was reported by operations team.
- Latest Near Miss/Incident/accident report form and NCR form are to be saved in the common share.
- All the safety related documents and reports shall be stored in the link <\\Server-FS\Quality & HSE>



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Provide Your Valuable suggestions & feedbacks to

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