

Innovation Idea

Digitalize the Event Log (Shift Diary) Management in Shift

Present Scenario of Event Log Management in Shift: At present, shift engineers write down every event that occurs during shift in shift diary. New shift engineers have to read it at the start of their shift and write down important events during their shift and the process goes on this way.

Problems in present condition: There are some problems observed in present condition which is listed below.

- As the event log are written in shift diary which is kept in CCR, shift engineers and higher authority cannot read it from outside CCR, they have to present physically in CCR to have access the event log.
- Shift Engineers cannot read it before starting their shift so that sometimes it becomes lengthy and inefficient while handing over the shift.
- If a shift engineer is in leave, he finds it difficult to know what is going on in the plant and he might feel it difficult when he joins workstation from leave and has to take responsibility of operation immediately.
- While taking over the shift, It sometimes become difficult for all engineers to read the event log together and if it is read one by one, it take quite a long time.
- Higher authorities cannot read the whole event log and have to call CCR if any information is needed.

Innovation Idea: Digitalize the event log and make in online to access it from anywhere and anytime.

Necessary Steps to Implement the Idea: Necessary steps to implement the innovation idea are given bellow:

- Making a website or other digital platform such as android application for writing down the event logs.
- Writing down the event logs in digital platform rather than in shift diary.
- Make it online and give access to only relevant personnel.
- Store the data in convenient way and have back up in regular interval.

Advantages of Digital Event Log Management: Previously mentioned problems can be solved by implementing this idea.

- If the event log is available in online, shift engineers and higher authority can read it from outside CCR and they do not have to present physically in CCR to have access the event log.
- Shift Engineers can read it before starting their duty and they can be well prepared for their coming tasks.
- Even if a shift engineer is in leave, he can read the event log online and this will keep him up to date about the works going on in the plant.
- Shift hand over will become easier.
- Higher authorities will have access to the complete event log and can have any information more comprehensively.