

 SARNIA REFINERY	LOSS OF EMERGENCY SIREN		
	Department: Environmental, Health and Safety		
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Purpose and Scope:	<p>This Work Practice describes the steps to safely be taken when the plant siren is not in service.</p> <p>This Work Practice describes what needs to occur if one or more of the plant sirens is lost. The procedure is divided into two sections</p> <ul style="list-style-type: none"> • Loss of siren due to maintenance work • Loss of siren due to a failure.
Personal Protective Equipment (PPE) Required:	Normal mandatory PPE for working in process areas required. Additional PPE may be required as per Refinery Standards and applicable Material Safety Data Sheets (MSDS).

LOSS OF EMERGENCY SIREN

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WORK PRACTICE INSTRUCTION

LOSS OF SIREN DUE TO MAINTENANCE WORK

1. Notify the refinery population of the planned outage:

- Send a notification of the outage to the Administration Assistant two days prior to the loss of the siren (Maintenance Coordinator). The Administration assistant will then issue a refinery wide notification via email.
- Send the notification to Security for posting at each entry point into refinery on the day prior to the siren loss (Maintenance Coordinator).
- Post the notification at each entry point into the refinery before 04:00 on the day of the siren loss (Security).

NOTE

The refinery entry points are the Main Gate, Reception, the Hydrocracker Gate and the Alky gate off main parking lot.

If a shutdown is taking place and additional entry points are created, postings must be placed there as well.

- Issue a refinery-wide broadcast on the public address (PA) system just prior to the siren being taken out of service. (Operations Shift Supervisor)

2. Notify the refinery population that the siren is back in service.

- Issue a refinery-wide broadcast on the public address (PA) system that the siren is now in service. (Operations Shift Supervisor)
- Send notification to the Administration Assistant that the siren is in service (Maintenance Coordinator).
- Issue notification via a general e-mail to all refinery personnel that the siren is in service (Administration Assistant).
- Notify Security that the siren is in service (Maintenance Coordinator).
- Remove postings from all refinery entry points (Security)

3. Notify the refinery population of an emergency during siren outage.

- Sound the remaining refinery sirens and issue a refinery-wide broadcast on the PA system per normal procedure (Security)
- Immediately issue five (5) short blasts on the unit horn (Board operator of unit affected by the siren outage).

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LOSS OF SIREN DUE TO FAILURE

1. Notify the refinery population of the outage.

- Send the notification to Security for posting at each entry point into refinery (Operations shift supervisor).
- Post the notification at each entry point into the refinery (Security).

NOTE

The refinery entry points are the Main Gate, Reception, the Hydrocracker Gate and the Alky gate off main parking lot.

If a shutdown is taking place and additional entry points are created, points must be placed there as well.

- Issue a refinery-wide broadcast on the public address (PA) system (Operations shift supervisor)

2. Notify the refinery population that the siren is back in service.

- Issue a refinery-wide broadcast on the public address (PA) system that the siren is now in service. (Operations Shift Supervisor)
- Notify Security that the siren is in service (Operations Shift Supervisor).
- Remove postings from all refinery entry points (Security)

3. Notify the refinery population of an emergency during siren outage.

- Sound the remaining refinery sirens and issue a refinery-wide broadcast on the PA system per normal procedure (Security)
- Immediately issue five (5) short blasts on the unit horn (Board operator of unit affected by the siren outage).

END OF WORK PRACTICE

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REVISION LOG

Date MM/DD/YYYY	Revision	Section	Comment
07/15/2009	0		Original issue
07/13/2012	1	All	Updated format, but content was NOT altered.
07/30/2012	2		Updated to Operations Shift Supervisor/Removed names/ deleted All Clear verbage.

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