

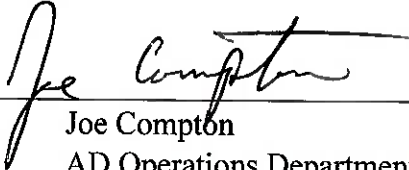
ACCELERATOR DIVISION DEPARTMENTAL PROCEDURE


ACCELERATOR OPERATIONS DEPARTMENT

ADDP-OP-0013

ODH INVESTIGATION RESPONSE PROCEDURE

MCR

PREPARED BY  DATE 5/19/23
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REVISION NO. 1

REVISION ISSUE DATE 5/19/2023

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REVIEW AND CONCURRENCE RECORD

REVIEWED BY Raymond Lewis DATE 5-19-2023
Raymond Lewis
ES&H Section Acting AD Division Safety Officer

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Author	Description of Change	Revision Date
Joe Compton	Added AC Master key to section 3.1.2 a) i) Added section 3.1.2 a) ii) Added phone number for the Security Operations Center for cell phones in 3.1.2 b) i) Updated flow chart for above changes.	5/19/2023
Joe Compton	Updated for the required procedure format. Added Attachment 1 flow chart.	4/13/2023

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ATTACHMENT 1: ODH INVESTIGATION RESPONSE PROCEDURE – MCR
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1.0 PURPOSE AND SCOPE

The purpose of this Accelerator Division Departmental Procedure (ADDP) is to establish and define the Fermilab Accelerator Division Operations Department Main Control Room (MCR) response to a report of a possible Oxygen Deficient Atmosphere (ODH) condition.

2.0 RESPONSIBILITIES

2.1 Crew Chief or designee shall initiate response by following the included instructions.

2.2 Operators in the MCR shall follow the following included instructions.

3.0 INSTRUCTIONS

3.1 Upon report of a possible ODH condition, the MCR shall follow the following instructions.

3.1.1 Check the oxygen readings via the ACNET control system.

Note: If at any time during this procedure a second oxygen detector goes into alarm, report a "Cryogenic Emergency" to the Security Operations Center at x3131.

Note: If an oxygen monitoring chassis loses power, each of its active monitoring channels will go into alarm causing a false alarm.

3.1.2 Is more than one oxygen sensor alarming?

a. If not,

- i. Dispatch field team with a hand held radio, oxygen monitors, and AC3 and AC Master key. Remain in contact with the field team and keep advising when needed.
- ii. Contact the Security Operations Center at x3131 (630-840-3131 by cell) and request that the Fermilab Fire Department respond for an ODH alarm.

b. If yes

- i. Report a Cryogenic Emergency to the Security Operations Center at x3131 (630-840-3131 by cell).
- ii. Order the field team to evacuate the area if they already on the scene.
- iii. Initiate the Cryogenic Emergency Response Procedure – MCR (ADDP-OP-0003).

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Note: Attachment 1: ODH Investigation Emergency Response Procedure - MCR contains a flow chart listing the steps of this procedure and is attached to this procedure.

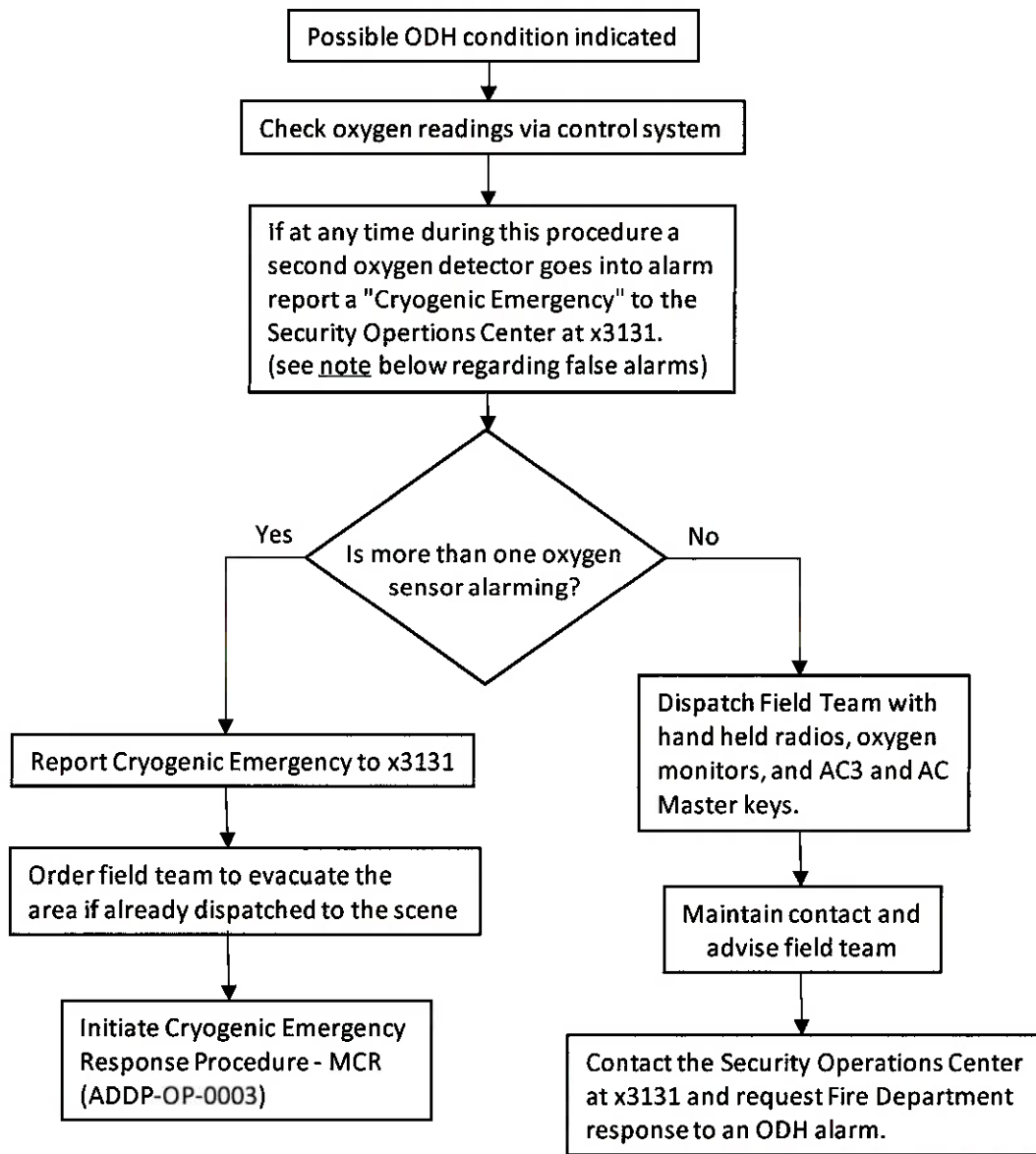
4.0 **DISTRIBUTION**

- 4.1 An electronic controlled copy of this procedure is maintained on the AD Operations website at: <https://operations.fnal.gov/ops/addp.html>.

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ODH Investigation Response Procedure - MCR



Note: If an oxygen monitoring chassis loses power, each of its active channels will go into alarm.

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