

## BULLETIN

NO.: 23-132  
DATE: August 10, 2023  
TO: All Personnel  
FROM: Willy Melendez, Battalion Chief, Training and Education Division  
SUBJECT: IST 24-02: MPower 4-Gas Detectors

During August 21<sup>st</sup>-25<sup>th</sup>, the Training Division will be issuing and providing training for the MPower 4-gas detectors. The MPower 4-gas detectors will be assigned to all Engine Companies, Truck Companies, and Battalion Chief vehicles.

The MPower MP 400 4-gas detector has been selected to replace the MSA Altair 2X and 4X gas monitors. It offers real-time gas concentration readings, 16-hour rechargeable battery, water resistant case, large graphical display, and detects O<sub>2</sub>, H<sub>2</sub>S, CO and Combustible gas (LEL). Please view the hyperlink to the MPower website for further details here: [MPower MP400](#)

The MP400 4-gas detectors need to be calibrated every 6 months and after exposure to a gas. The calibration schedule will be staggered to not impact multiple units in each battalion. Crews will be notified when calibration is due on PSTrax.

Trainers will be coming to each Station, reviewing how to operate the 4-gas detectors, as well as how to calibrate them. There will be one calibration station assigned to each Battalion headquarters and additional calibration stations at FS10, FS29, and Logistics. The calibration procedure is as simple as connecting a USB cable, docking the unit, and pushing a button. The procedure takes about 3 minutes to complete.

If at any time there is an issue with the 4-gas detector, the troubleshooting process should be as follows:

1. Take it to your Battalion calibration station and try to calibrate it.
2. If the detector fails calibration, swap it out with the 4-gas detector from the BC vehicle.
3. The BC will take the detector to Logistics for further troubleshooting and/or shipping for warranty repairs.
4. If a spare unit is available, the BC will swap and receive a loaner device.

On August 21<sup>st</sup>, C division, instructors will start at all the Battalion HQ's at 0900. They will deliver the new MPower detectors and train crews on the use and calibration. The instructors will contact all other crews within the battalion in the morning to coordinate the best time to deliver detectors and provide training.

On August 22<sup>nd</sup>-25<sup>th</sup>, the instructors begin at the **designated Battalion HQ's at 0900 (see calendar below)** and reach out to the other units within the battalion. Straight Day personnel, please see attached calendar to attend one of the 0900 am sessions.

Any additional questions can be directed to Eric Faulk @ [efaulk@sandiego.gov](mailto:efaulk@sandiego.gov) or 858-405-6164

## IST 24-02 August 2023

Sun	Monday	Tuesday	Wednesday	Thursday	Friday	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16 <b>Train the Trainer 0900-1300</b>	17 <b>Train the Trainer 0900-1300</b>	18 <b>Train the Trainer 0900-1300</b>	19
20	21 <b>0900: B1 (FS 2) B2 (FS 5) B3 (FS 25) B4 (FS 45) B5 (FS 50) *B6 (FS 12 &amp; 29) B7 (FS 44)</b>	22 <b>0900: B1 (FS 2) B3 (FS 25) B5 (FS 50) B7 (FS 44)</b>	23 <b>0900: B1 (FS 2) B3 (FS 25) B5 (FS 50) B7 (FS 44)</b>	24 <b>0900: B2 (FS 5) B4 (FS 45) * B6 (FS 12 &amp; 29)</b>	25 <b>0900: B2 (FS 5) B4 (FS 45) * B6 (FS 12 &amp; 29)</b>	26
27	28	29	30	31		

