It is essential that anyone using the Radius® BZ1 Area Monitor to have a valid Woodside issued PGM competency training card.

BUMP TEST PROCEDURE

1. Remove the Radius BZ1 from the charging cupboards currently located inside the room adjacent to the QMI workshop. Ensure that the "record of use log" is filled out. Re-install The Charging Port Cap, this is a hazardous area requirement.

   Note: Please ensure that the record is filled out. Make sure the battery is fully charged and the calibration valid.

2. Using the provided tool, loosen both of the SafeCore® Module retaining screws. They are captive and will not come completely out.

3. Remove the SafeCore Module from the Radius BZ1 by sliding it straight out.

   Note: Caution: Be 100% sure that the Radius BZ1 power is "OFF" before removing the SafeCore Module

4. Place the SafeCore Module on the DSX™ Docking Station (Slide it in completely)

5. The SafeCore Module will be detected, step thru a few start-up screens and proceed to fulfill any functions that have been scheduled, an example may be a 30 day calibration, daily bump test, etc. If a scheduled is not scheduled we can proceed to force an event, Calibration, Bump Test, etc.

6. To initiate a Bump Test, after the SafeCore has been docked and completed scrolling thru its start-up screens the Green LED will illuminate.

   Note: To force a Bump Test press the center button until you see instrument, highlight instrument and press enter. Choose Yes to confirm and begin the bump test.

7. The Screen will say testing Instrument once the bump test starts. When the bump test is complete (with a passing result) The green LED will illuminate per the screen on the right
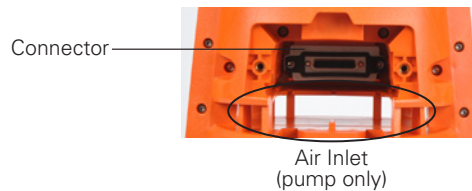
8. The Pass/Fail Criteria can be set using thresholds that must be met before a passing result can be achieved. Example: "50% of the concentration must be seen in 45 seconds" in order to pass the bump test. If a passing result is not achieved, you will see a failed result and a Red LED.

Passed Result

Failed Result

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Handle — Lights

Speaker

SafeCore Module (Pump) — Module Locking Screw (x2)

Write-on Label — Air Inlet (pump only)

Intrinsic Safety Power Port — Charging Indicator

Charging Port

Handle x2

Boot

Connector

Air Inlet
(pump only)

ADDITIONAL REFERENCES

All Radius BZ1 training videos, the instrument simulator, user manual, specifications, certifications, accessories, parts, LENS™ Wireless and DualSense® Technology Information, all can be found at:

www.indsci.com/products/area-monitors/radius/

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www.indsci.com