Reference: 7.4.1

F.I.

Paragraph 7.4.1 requires a positive pressure purge system to:

1. Maintain a pressure of at least 25 Pa (0.1 in. of water) in the control room with all openings closed.
2. Provide a minimum outward velocity of 0.305 m/sec (60 ft/min) through all openings capable of being opened. The velocity shall be measured with all these openings simultaneously open and a drop in pressure below the 25 Pa (0.1 in. of water) specified in 7.4.1(1) shall be permitted while meeting this requirement.

Exception No. 1: Doorways or other openings that are used solely for infrequent movement of equipment in or out of pressurized control rooms or analyzer rooms shall be permitted to remain closed where all of the following conditions are met:

1. The control room is under management control.
2. These doors are marked to restrict use.
3. These doors are not used for egress.
4. These doors are secured in the closed position.

Question: Is it the intent of 7.4.1 to require that the purge system function as “(1)” and “(2)” simultaneously?

Answer: No.