



# Respiratory Safety

## Air Distribution Manifold Point of Attachment Box (POA)

**Issue:** NIOSH (National Institute for Occupational Safety and Health) develops use requirements for all respirators. With regard to airline (Type-C ) respirators, NIOSH states the maximum allowable length of hose to be used from the Point of Attachment (POA) is 300 feet. The POA is the location on an air filtration system that contains the air pressure regulator, the pressure gauge, safety relief valve and outlet manifold with quick connect couplings.

**Application:** Model POA-4 is designed to provide a POA at an extended distance from the filtration system while complying with the NIOSH 300 foot rule. Once the POA is connected via air hose, it now becomes the NIOSH point where the respirators are attached with a maximum of 300 foot of air hose. There is no NIOSH required limit to the distance from the filtration system to the POA box.

**Recommendation:** The POA-4 requires no electric to operate and can be taken into any environment. Once the air supply hose is installed to the POA, the regulator is adjusted to the respirator's required air pressure. A 1/2" male plug (industrial interchange) is supplied on the inlet of the POA-4. A minimum 1/2" ID hose is recommended to connect from the filtration system to the POA-4.



POA-4

### Reference NIOSH Publication 87-116

#### Product Features:

- Maximum inlet pressure, 150 psi
- Adjustable regulator
- 1/2" industrial Interchange male inlet plug
- Pressure gauge (0-160 psi)
- Safety relief valve - set at 125 psi
- 1/4" respirator couplings supplied with safety locks
- Aluminum block manifold
- Water resistant polycarbonate case
- Rubber gasketed lid helps to prevent internal contamination
- Unit can be taken into wet or hazardous locations



#### Point-of-Attachment

Description	ASI Part #
Point-of-Attachment	POA-4

#### Typical Point of Attachment (POA) Set-up



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