

Press Release

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Editor's note

Of interest to: safety management, industrial hygienists, plant management, maintenance management, engineering, construction, purchasing, union stewards, government management.

PAPR – new from North

Montreal, QC 2006 The CA 101 (loose-fitting head gear) powered air purifying respirator (PAPR) consists of a lightweight blower unit fixed on a comfort belt, padded with 3 element filters. It is powered by a rechargeable, metal, hydride battery that will last for an eight-hour shift. The blower forces the contaminated air in the atmosphere to go through the 3 element filters, cartridges, HEPA filters or a combination directing the purified air into a hose connected to a dedicated respirator. The CA 102 is an alternate tight-fitting respirator style which employs a half or full facepiece worn under the hood.



PAPR offers a greater "Assigned Protection Factor" than most air purifying respirators. For example, a half mask with cartridges has an APF of 10. A half mask mounted on a PAPR offers an APF of 50. A full facepiece with cartridges is 100. A quantitatively fit-tested full facepiece with PAPR is 1000! A loose fitting hood like our Primair will have an APF of 25, but with our Primair Plus, you get 1000. Another advantage of loose fitting PAPR is there is no need for fit testing and workers wearing a beard can use a PAPR because the

efficiency of a loose fitting PAPR doesn't rely on the fit between the mask and the skin. It relies on the volume of air pushed into the respirator. The minimum flow required by NIOSH is 6 cfm or 170 lpm. If the unit delivered more than 6 cfm or 170 lpm during your 8-hour shift, it means workers are protected.

PAPR can be used everywhere. It is very popular for Asbestos abatement, but it is also the perfect respiratory product for many other applications such as lead exposure, silica dust, foundry, smelter, mining, pharmaceutical, laboratory. It is available with a full range of cartridges and HEPA filters.

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ABOUT NORTH SAFETY PRODUCTS

North Safety Products, one of the world's largest manufacturers of occupational health and safety products, offers a full range of quality personal protection equipment, including head, hearing, eye/face, respiratory, hand and fall protection, lockout/tagout, protective footwear and clothing, first aid, controlled environment, safety signage and traffic safety products.