KLEIN TOOLS

P100 HALF-MASK RESPIRATOR INSTRUCTIONS

60244 (M/L - M/G)
60246 (S/M - P/M)

National Institute for Occupational Safety and Health NIOSH®

FIG. 1

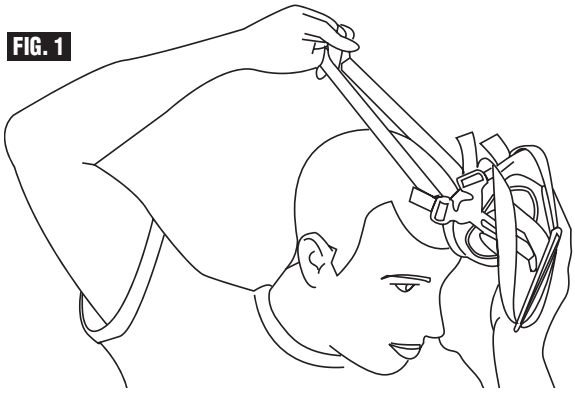

FIG. 2

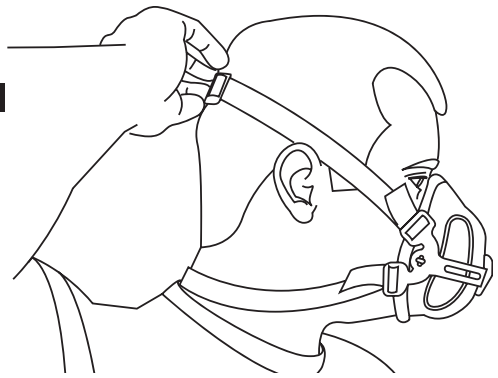

FIG. 3

FIG. 4

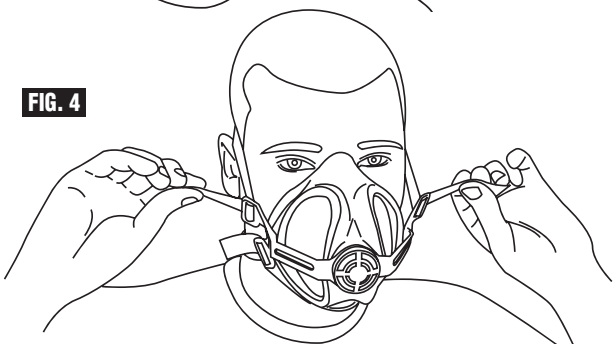

FIG. 5

ENGLISH

THIS RESPIRATOR IS ONLY APPROVED IN THE FOLLOWING CONFIGURATIONS:

RESPIRATOR COMPONENTS					
TC-	PROTECTION[1]	ALTERNATE FACEPIECE		FILTERS	CAUTIONS AND LIMITATIONS[2]
		51.039.0003	40.039.0005	40.069.0006	
84A-6949	P100	X	X	X	ABCJLMNOPS

1. PROTECTION:
P100 - Particulate Filter (99.97% filter efficiency level) effective against all particulate aerosols

2. CAUTIONS AND LIMITATIONS:

A - Not for use in atmospheres containing less than 19.5 percent oxygen.
B - Not for use in atmospheres immediately dangerous to life or health.
C - Do not exceed maximum use concentrations established by regulatory standards.
J - Failure to properly use and maintain this product could result in injury or death.
L - Follow the manufacturer's User Instructions for changing cartridges, canister and/or filters.
M - All approved respirators shall be selected, fitted, used, and maintained in accordance with MSHA, OSHA, and other applicable regulations.
N - Never substitute, modify, add, or omit parts. Use only exact replacement parts in the configuration as specified by the manufacturer.
O - Refer to User Instructions, and/or maintenance manuals for information on use and maintenance of theserespirators.
P - NIOSH does not evaluate respirators for use as surgical masks.
S - Special or critical User Instructions and/or specific use limitations apply. Refer to User Instructions before donning.

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

GENERAL SPECIFICATIONS

STANDARDS

The P100 Safety Respirator 60244 / 60246 is approved as a half-mask in accordance with NIOSH Standards 42 CFR Part 84. The P100 filter is part of the approved assembly and only when the above items are used together is the device approved for occupational applications.

APPLICATIONS

The P100 mask together with P100 filters give protection against hazardous and toxic solid and liquid particles: dust, metal fumes and mist. The protection provided by classification P100 also covers the protection provided by lower class filters. Guidelines for the selection and use may vary between countries, always check prior to use to ensure that your selection for the intended application meets national requirements

⚠ WARNINGS

To ensure safe operations, follow these instructions. Failure to observe these warnings instructions may result in sickness or death.

- **NOT FOR USE** in atmospheres containing less than 19.5% oxygen.
- **NOT FOR USE** in atmospheres immediately dangerous to life or health.
- **DO NOT** exceed maximum use concentrations established by regulatory standards. Failure to properly use and maintain this product could result in injury or death.
- Follow the manufacturers Users Instructions for changing cartridges, canisters and/or filters.
- All approved respirators shall be selected, fitted, used and maintained in accordance with MHSA, OSHA and other applicable regulations.
- **NEVER** substitute, modify, add or omit parts. Use only exact replacement parts in the configuration as specified by the manufacturer.
- Refer to user's instructions and/or maintenance manuals for information on use and maintenance of these respirators.
- NIOSH does not evaluate respirators for use in surgical masks.
- **ALWAYS** conduct a pressure face fit check prior to each use. If the check fails the mask may be faulty or require replacement depending on age, frequency of use and replacement of filters.

The use of this respirator presupposes exact knowledge of the instructions for use, applicable health and safety standards, guidelines for selection and use, and appropriate training in matters of personal respiratory protection.

Leave the contaminated area immediately if:

- Dizziness or distress is experienced
- You taste or smell contaminants or irritation occurs
- Breathing becomes difficult
- A defect is discovered in the respirator

Store respirator as per instructions.

Before occupational use of this respirator a written respiratory protection program must be implemented meeting all the local government requirements. In the United States employers must comply with OSHA 29 CFR 1910.134 which includes medical evaluation, training, and fit testing.

FITTING (FIG. 1, 2, 3, 4)

The respirator must be inspected by the wearer before and after each use to ensure that it is in good working condition and valves and filters are seated correctly. Remove eyewear (if worn). If facial hair goes beyond the border of the mask an effective seal will not be achieved and a powered respirator will be required. NOTE: OSHA regulations require that all users be fit tested prior to use either qualitatively or quantitatively.

STEP 1 (FIG. 1): Grasp the respirator with one hand and the lower headband with the other hand, put the headband over your head and allow to rest around the neck.

STEP 2 (FIG. 2): Place the respirator over mouth and nose then lift the upper headband over the crown of your head to support the respirator.

STEP 3 (FIG. 3): Grip lower headband ends at the respirator buckle and gently pull towards back of head to tighten.

STEP 4 (FIG. 4): Grip upper headband ends at the respirator buckle, and gently pull towards back of head to tighten. Check respirator is seated correctly when tight enough to prevent air leakage between respirator and face.

STEP 5: POSITIVE PRESSURE FACE FIT CHECK: Place the palm of your hand over the exhalation valve and exhale moderately. If the face piece bulges slightly and no air leaks between the face and the face piece are detected, a proper fit has been achieved. If air leakage is detected, reposition the respirator on the face and/or readjust the elastic strap to eliminate the leakage.

CLEANING (FIG. 5)

DO NOT WASH FILTERS.

Clean face-piece assembly periodically with a soft cloth dampened with mild soapy water (no solvents). This will form part of the face mask maintenance and should be logged. Deep cleaning will entail:

- Disassemble mask by removing the filters, head straps and valves.
- Immerse in warm water and scrub with a soft brush. A neutral detergent can be used if necessary.
- The mask can also be soaked in a disinfectant for a short period of time.
- All parts should then be rinsed in clean, warm water and allowed to air dry in a non-contaminated atmosphere.

STORAGE

The mask should be stored out of direct sunlight, away from sources of high temperature, and in an uncontaminated environment. Spare filters should also be stored in a cool dry atmosphere at a temperature of between 14°F (-10°C) and 104°F (40°C). Storage under conditions other than those specified may affect shelf life.

FILTER INSPECTION & REPLACEMENT

Filters should be changed once a month or more frequently if you find a resistance to breathing. A maintenance record should be kept of these filter changes. Filter fitting instructions are supplied with replacement filters (please refer for full details). Each filter pack is individually marked with the month and year of shelf life expiration. Shelf life is 5 years for P100 filters. Filters must be discarded when they reach their shelf life date.

	Read instructions before using		Temperature range of storage conditions
 Year/Month	Expiration date		Humidity range of storage conditions

S – SPECIAL OR CRITICAL USER INSTRUCTIONS

The filters P/N 40.069.0006 (Model: 60245) for use with P100 Safety Respirators: S/M: P/N 51.039.0003 (Model: 60246) and M/L: P/N 40.039.0005 (Model: 60244) have been manufactured by GVS Filter Technology UK for private label Klein Tools under TC-84A-6949.