

MOLDEX® DECISION GUIDE FOR WELDING



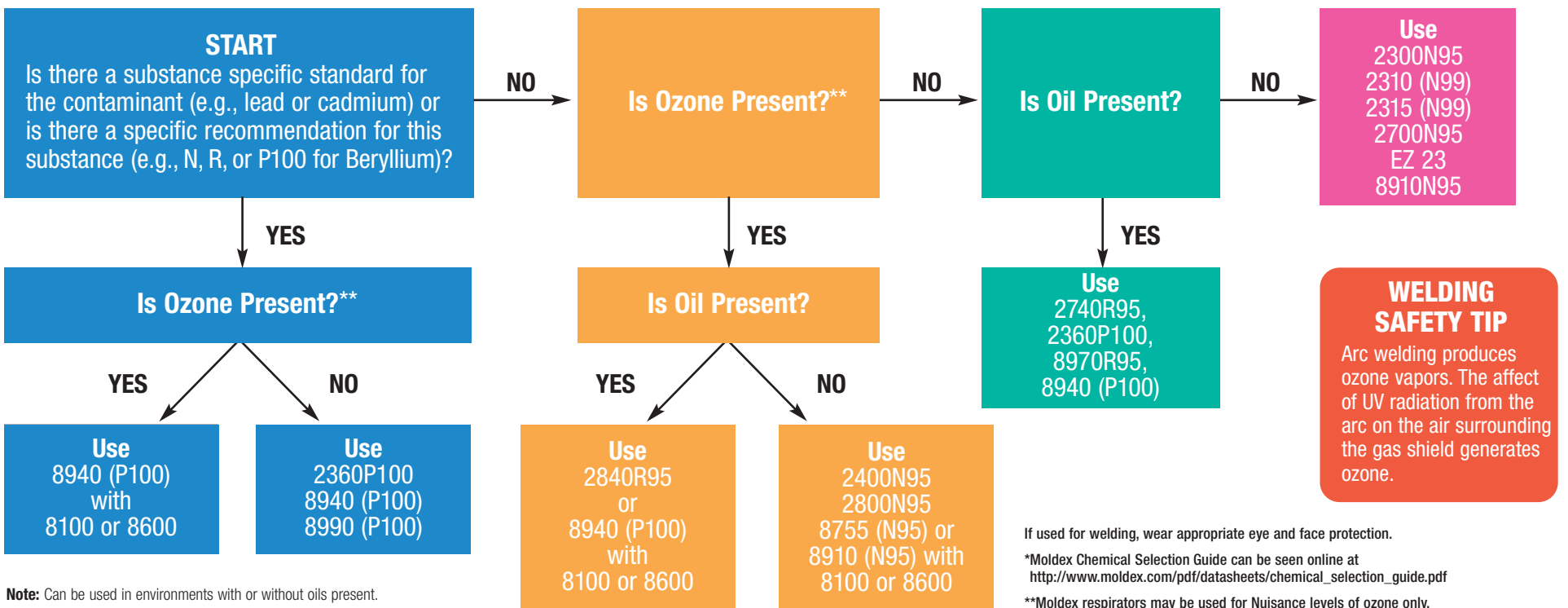
STEP 1. Answer the Following Questions:

- | | | |
|--|------------|-----------|
| 1. Is your welding environment immediately dangerous to life and health?..... | Yes | No |
| 2. Is your welding environment a confined space?..... | Yes | No |
| 3. Does your welding environment contain less than 19.5% oxygen?..... | Yes | No |
| 4. Does your welding environment have contaminant levels greater than 10 X PEL?..... | Yes | No |
| 5. Do you use chlorinated hydrocarbons when arc welding (i.e., degreasers)?..... | Yes | No |
| 6. Are there other unknown contaminants present?..... | Yes | No |

If you answer **YES** to any of the above questions, **DO NOT USE MOLDEX RESPIRATORS.**

If you answered **NO** to **ALL** of the above questions, proceed to Step 2 and also refer to the Moldex Chemical Selection Guide.*

STEP 2. Answer the Questions and Follow the Arrows:



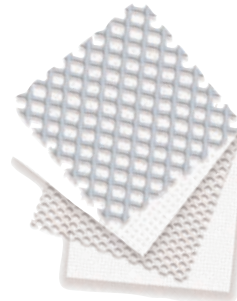
Moldex Welding Respirator Advantages

Comfort



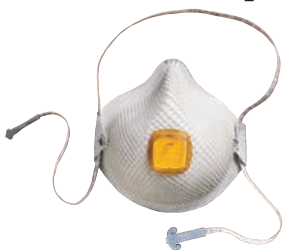
The **contoured shape** allows Moldex masks to seal comfortably without any pressure points.
A soft foam nose cushion provides **cushioned support**.
Innovative design makes Moldex masks **lightweight** and comfortable.
The **Softspun® lining** is soft to the touch.

Durability



The Moldex exclusive **Dura-Mesh®** shell **protects the mask** from collapsing, even from heat and humidity that is common with welding.
The Dura-Mesh shell also **protects the filter media** from dirt and grime.
The **HandyStrap®** on available models, allows the mask to **hang comfortably around the neck** when not in use.

Most Popular Moldex Welding Respirators



2800N95
Added carbon layer helps filter out nuisance levels of ozone and OV! HandyStrap for hang down comfort.



2400N95
Added carbon layer helps filter out nuisance levels of ozone and OV!



2310 (N99) and 2315 (N99)
A higher level of protection for serious fumes. Filters out 99% of airborne particulates free of oil.



2300N95
Basic economy welding model. Exhale valve for increased comfort.



2700N95
HandyStrap allows the mask to comfortably hang down when not in use. Ventex® valve lets hot air out fast, keeping workers cool.

*Nuisance levels are contaminants that do not exceed the OSHA Permissible Exposure Limit (PEL).

Common Welding Fumes and Suggested Moldex Respirator

Contaminant	No Oil Present	No Oil, but Ozone	Oils Present	Oil and Ozone
Aluminum Oxide	2300N95, 2700N95	2400N95, 2800N95, 8755	2740R95	2840R95
Beryllium	2730N100	8100+8940	2360P100	8100+8940
Cadmium*	2730N100	8100+8940	2360P100	8100+8940
Chromium, fume	2310 (N99), 2315 (N99)	2400N95, 2800N95, 8755	2740R95	2840R95
Chromium, hexavalent**	2310 (N99), 2315 (N99)	2400N95, 2800N95, 8755	2740R95	2840R95
Iron Oxide, fume	2310 (N99), 2315 (N99)	2400N95, 2800N95, 8755	2740R95	2840R95
Lead, fume*	2730N100	8100+8940	2360P100	8100+8940
Manganese, fume	2310 (N99), 2315 (N99)	2400N95, 2800N95, 8755	2740R95	2840R95
Tin, metal oxides	2300N95, 2700N95	2400N95, 2800N95, 8755	2740R95	2840R95
Zinc Oxide, fume	2310 (N99), 2315 (N99)	2400N95, 2800N95, 8755	2740R95	2840R95

*These contaminants have an OSHA substance specific standard, please refer to the OSHA standard. **OSHA lowered the PEL for this contaminant in February 2006.

Warning: This chart may be used as an aid to select the appropriate respiratory protection for a specific contaminant. This chart is not all inclusive and varies depending on the consumables used. Please refer to the consumable manufacturer's MSDS, before selecting a respirator. Only a qualified professional, familiar with the actual working conditions and knowledgeable in the benefits and limitations of respiratory protection equipment, should make the selection. Please refer to latest version of the Moldex Chemical Selection Guide for help in choosing the appropriate respirator. Protection from ozone is for concentrations less than the OSHA PEL. Please refer to the warnings above for more information.



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