Clarke®

POWERED AIR PURIFYING RESPIRATOR
MODEL NO: PAPR2

PART NO: 6000725

OPERATION & MAINTENANCE INSTRUCTIONS

UK CA | CE

ORIGINAL INSTRUCTIONS

GC11/24

INTRODUCTION

Thank you for purchasing this CLARKE Respirator/Welding Helmet. Before attempting to use this product, please read this manual thoroughly and follow the instructions carefully. In doing so you will ensure the safety of yourself and that of others around you, and you can look forward to your purchase giving you long and satisfactory service.

PRODUCT DESCRIPTION

This equipment helps protect the user from certain contaminants - the device is equipped with a particle filter to protect the user from airborne particles (solid and liquid aerosols). All users must read and understand these instructions and be trained in the proper use of this equipment according to applicable health and safety standards. If you have questions about the type of respiratory equipment required, consult a technical expert.

DO NOT enter a hazardous area until you are sure the respirator equipment is correctly assembled, working properly and is properly worn.

See Section 3 for information on the auto-darkening helmet assembly.

The powered air-purifying respirator (PAPR) filters contaminated air and blows clean air into the welding helmet hood through a flexible breathing tube. The respirator system also generates a positive air pressure to help prevent contaminants in the environment from entering the hood.

The includes the equipment listed below:

- Helmet with auto darkening lens, hood and headgear.
- Breathing tube
- Air flow-meter
- Blower assembly with filtration system (foam pre-filter, HEPA filter) and battery status indicator/Air flow speed (Low and High) indicator.
- Belt assembly
- Battery mains charger/lead
- Spare (replacement) filter set
- Spare (replacement) viewing lenses

The respirator equipment operates at temperatures from -5 to 55^{O}C and provides air flow of 170 LPM (low speed) to 200 LPM (high speed) - under normal conditions. Battery life is reduced when the unit is used in a dirty environment. If the system air flow decreases to an unsafe level an alarm will sound, the blower vibrates, and the Danger light will flash to warn users to immediately leave the contaminated area. Use the air flowmeter to determine if the unit is supplying adequate amounts of clean air.

PRODUCT SPECIFICATIONS

DARKENING HELMET

Viewing field (W x L)	43 x 98 mm
Shade available in Light State	DIN4
Shade available in Dark State	DIN 9-13
UV/IR protection	Max shade DIN16 at all times
Operating temperature range	-5°C - +55°C
Weight	400g
Switching time from light to dark	1/30,000 second
Delay time from dark to light	0.1 - 1.0 second
Lens power control	Auto-on
Power supply	Solar Cells / 2 x CR2450 Lithium Batteries
Construction material	Polyamide (flame retardant)

AIR PURIFYING RESPIRATOR

Air filter grade (HEPA)	0.3 micron
Air flow	Low speed -150LPM High speed -180LPM
Operating temperature range	-5°C - +55°C
Storage temperature	-10°C to 50°C
Storage humidity	<90%
Blower unit shelf life Filter shelf life	1 year 3 years
Battery type	Rechargable lithium ion
Battery charging time	Approx 3 hours
Battery life	500 charges dependant on airflow rate
Run Time	Low speed app 6 hrs/High speed 4hrs
System alarm	85 dBA@10cm
Standard & Class	EN12941 Class TH2P

SECTION 1- SAFETY PRECAUTIONS

USING THE HEADSHIELD

1. This headshield is not suitable for laser welding, laser cutting or overhead welding applications or for oxy-acetylene.
2. The lens in this headshield is breakable and will not protect against impact hazards.
3. This headshield is designed for use in grinding, arc welding or cutting applications such as MIG/MAG, TIG, MMA, Plasma Arc and Carbon Arc.
4. Use this headshield for face and eye protection against harmful rays, sparks and spatter from welding and cutting.
5. **NEVER** place this product on a hot surface.
6. In the event of failure, the headshield remains protection against UV and IR radiation.
7. **DO NOT** make any modifications to this product. Protection can be seriously impaired if modifications are made.
8. When necessary, use identical replacement parts. This will ensure that the safety of the product is maintained.
9. **DO NOT** use if any part of the headshield is cracked or broken.
10. **DO NOT** use this headshield for welding outside the range of DIN 9-13. Harm to the eyes and impaired eyesight may result. **ALWAYS** select the correct setting before use.

USING THE RESPIRATOR

1. If ventilation is poor, wear your approved air-supplied respirator.
2. Read and understand the Material Safety Data Sheets and the manufacturer's instructions for metals, consumables, coatings, cleaners, and degreasers.
3. Work in confined space only if it is well ventilated or while wearing the air-supplied respirator.
4. **ALWAYS** have a trained watch-person nearby. Welding fumes and gases can displace air and lower the oxygen level causing injury or death. Be sure the breathing air is safe.
5. **DO NOT** weld in locations near degreasing, cleaning, or spraying activities. The heat and rays of the arc can react with vapours to form highly toxic and irritating gases.

6. **DO NOT** weld on coated metals such as galvanized, lead, or cadmium plated steel, unless the coating is removed from the weld area, the area is well ventilated, and while wearing an air-supplied respirator. The coatings and any metals containing these elements can give off toxic fumes if welded.
7. Respirator misuse can be hazardous. Welding produces fumes and gases. Breathing these fumes and gases can be hazardous to your health.
8. Read and follow these instructions and the safety labels carefully. The powered air purifying respirator (PAPR) helps protect the user from specific airborne contaminants but must be used correctly to be fully effective. Have an industrial hygienist test the air in your facility to ensure the PAPR provides adequate protection from contaminants in your environment. If you have questions about the respirator, see equipment warning label and consult your Safety Director and a certified Industrial Hygienist.
9. Follow all applicable EN/ANSI/CSA/AS & NZS and other regulatory guidelines pertaining to the use of respirators.
10. **DO NOT** use the powered air purifying respirator where there is danger of fire of explosion.
11. **DO NOT** use the powered air purifying respirator in windy conditions or negative pressure inside the hood may draw in contaminants from the outside air.
12. **DO NOT** use the powered air purifying respirator without a properly installed spark guard cover.
13. Without the spark guard cover, welding sparks may ignite the filter or damage the filters and allow unfiltered air into the helmet.
14. The powered air purifying respirator does not supply oxygen. Use the respirator only in atmospheres for which it is EN/ANSI/CSA/AS&NZS approved. **DO NOT** use the respirator where oxygen levels are 19.5% or lower, where contaminant levels are unknown or are immediately dangerous to life or health, or where the contaminant levels exceed the respirator specifications.
15. **DO NOT** enter a hazardous area until you are sure the respirator equipment is correctly assembled, working properly, and properly worn.
16. Before each use, inspect the respirator equipment for damage and verify it operates properly,
17. Before using the respirator, test air flow to verify it is providing an adequate volume of air.
18. **DO NOT** use the powered air purifying respirator without all filter components or with the blower turned off hazardous levels of oxygen and carbon dioxide may accumulate in helmet.
19. **ALWAYS** wear the powered air purifying respirator when entering a contaminated area. Do not remove the respirator until outside the contaminated area.

20. Dangerous contaminants may not smell or be visible. Leave the area immediately if you notice the following:
    - Breathing becomes difficult.
    - You experience dizziness, impaired vision, or eye nose, or mouth irritation.
    - The powered air purifying respirator alarm sounds.
    - The equipment is damaged.
    - Air flow decreases or stops.
    - If you think the equipment is not supplying adequate protection.
21. **DO NOT** remove the equipment until you are in a safe area.
22. **DO NOT** repair, modify, or disassemble the powered air purifying respirator or use with parts or accessories not supplied by the manufacturer. Use only those components that are part of the approved assembly.
23. Replace damaged or clogged filters. **DO NOT** wash or reuse filters. Do not clean filters by tapping or with compressed air or filter elements may be damaged. Dispose of used filter elements according to local, state, and federal requirements.
24. The powered air purifying respirator must be used with the helmet, hood, and filters recommended by the manufacturer to provide a respirator system. See the label on the blower for information on the required equipment.
25. **DO NOT** use the powered air purifying respirator belt or shoulder straps (if equipped) as a safety harness.

FURTHER IMPORTANT WARNINGS

1. This product helps protect against certain airborne contaminants
2. **DO NOT** use in flammable or explosive atmospheres. Doing so may result in serious injury or death
3. **ALWAYS** correctly use and maintain the filter assembly. Failure to do so may reduce respirator performance, over-expose you to contaminants, and may result in sickness or death.

   a. Inspect filter and bottom gasket before first installation of a filter, replace if damaged.

   b. **ALWAYS** properly install the filter into the blower unit

   c. Keep the bottom sealing gasket dean.

   d. **NEVER** attempt to clean the filter by knocking or blowing out accumulated material. Doing so will damage the filter media.
4. Failure to follow these User Instructions may reduce respirator performance and expose you to contaminants.

a. Read and follow all user instructions in order to ensure correct system operation.

5. **ALWAYS** correctly use and maintain the lithium ion battery packs. Failure to do so may cause fire or explosion or could adversely affect respirator performance and result in injury, sickness, or death.

   a. **DO NOT** charge batteries with unapproved chargers or in enclosed spaces without ventilation, in hazardous locations, or near sources of high heat.

   b. Charge in an area free of combustible material and readily monitored.

   c. **DO NOT** immerse in water.

   d. **DO NOT** use, charge, or store batteries outside the recommended temperature limits.

6. If necessary, dispose of lithium ion batteries according to local environment regulations. **DO NOT** crush, disassemble, or dispose of in standard waste bins, in a fire or send for incineration. Failure to properly dispose of battery packs may lead to environmental contamination, fire or explosion.

LIMITATIONS OF USE

DO NOT wear this respirator system to enter areas where:

1. The atmosphere is oxygen deficient.
2. Contaminant concentrations are unknown.
3. Contaminant concentrations are dangerous to health.
4. Contaminant concentrations exceed the maximum use concentration determined using the Assigned Protection Factor for the specific respirator system.

SECTION 2- AIR PURIFYING RESPIRATOR

CHARGING THE BATTERY

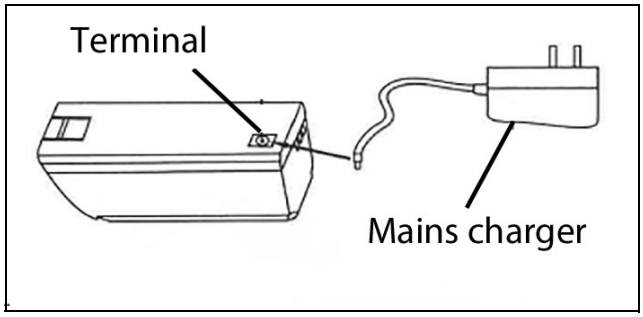
Remove the battery from the blower assembly and connect the charging cable from the terminal to a mains socket.

DO NOT allow the battery to get wet.

DO NOT attempt to open the battery case.

Keep the battery away from fire or heat.

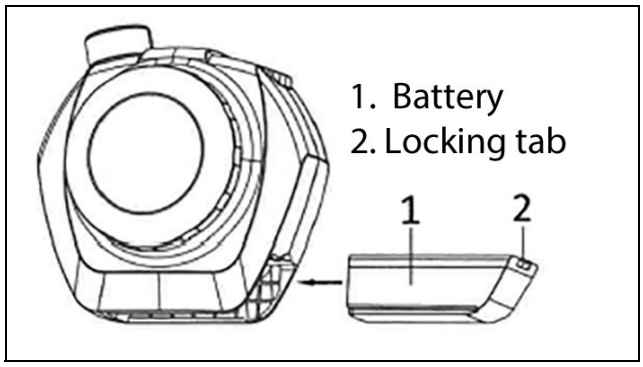
Charge the battery before first use.



INSTALLING THE BATTERY

Push the battery into the blower body until it snaps into position.

1. Battery
2. Battery lock

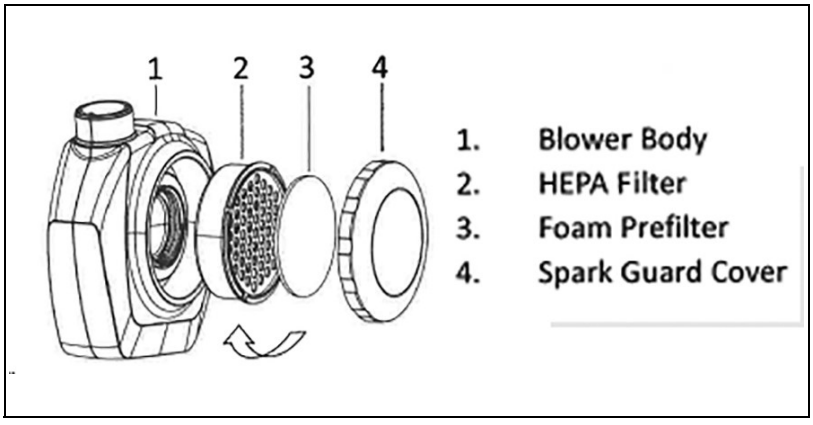


INSTALLING THE AIR FILTER

Install the HEPA filter into blower body.

Install the foam pre-filter above the HEPA filter. Push down on the cover until it c1icks into position.

1. Blower body
2. HEPA filter
3. Foam pre-filter
4. Filter screen
5. Cover

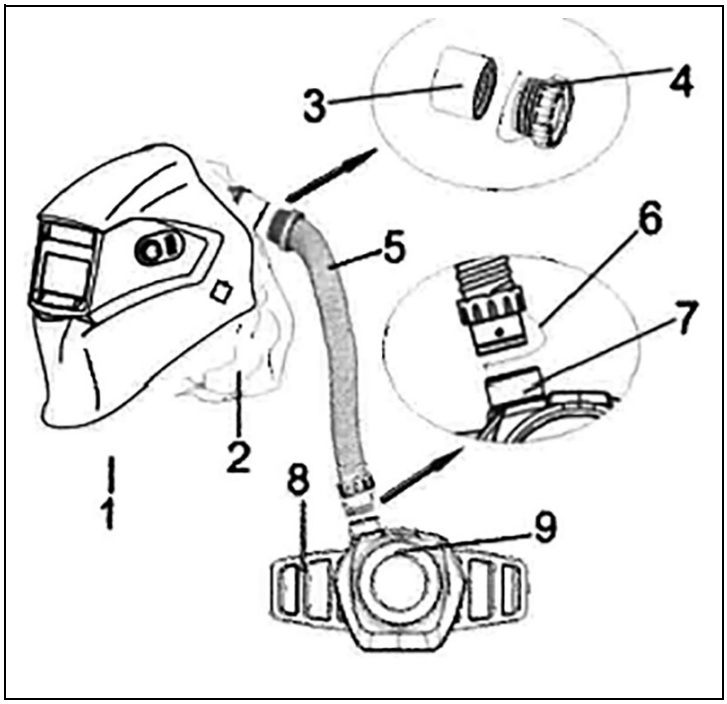


DO NOT use the respirator without the cover, foam pre-filter and HEPA filter installed.

Replace a damaged or dirty filter.

ATTACHING THE BREATHING TUBE

Insert the tube connector into the blower receptacle until snug and then turn the connector 1/8 turn to the right to lock it into place.



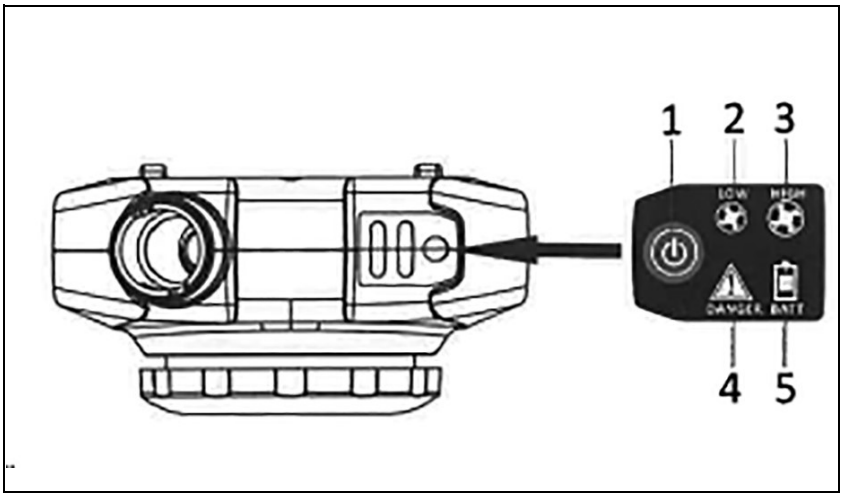
1. Welding helmet
2. Face seal
3. Headgear terminal
4. Breathing tube terminal
5. Breathing tube
6. Breathing tube terminal
7. Blower receptacle
8. Belt
9. Blower body

Insert the breathing tube terminal into the headgear terminal and turn the tube clockwise until the breathing tube locks in position.

TESTING THE AIR FLOW ALARM

Disconnecting the breathing tube from the hood. Start the blower and block the air flow by placing your hand over the end of the breathing tube. Continue blocking the air flow until the alarm sounds and the blower vibrates. If the alarm does not sound and the blower does not vibrate, check the battery and filter element.

USING THE BLOWER CONTROLS



1. On/Off button
2. Low speed indicator
3. High speed indicator
4. Danger indicator
5. Battery level indicator

To start, press the On button for 1 second until the blower starts.

- The Danger, Low Speed, High Speed Indicator lights come on, then go out, the alarm sounds, and the blower vibrates momentarily.

The blower always starts at the low speed. Press the SELECT button to switch between Low and High Speeds.

To Stop: Press Off button 1 seconds until the audible alarm and blower stop.

The Danger indicator light comes on, the alarm sounds and the blower vibrates if battery power is low or air flow is reduced due to a dirty filter, blocked breathing tube or other fault.

The Battery Level indicator light shows the power remaining in the battery.

- Green light goes on: battery level > 90%
- Yellow light goes on: 30% battery level < 90%
- Red light goes on: 10% <battery level < 30%
- Red light flash: battery level < l0%

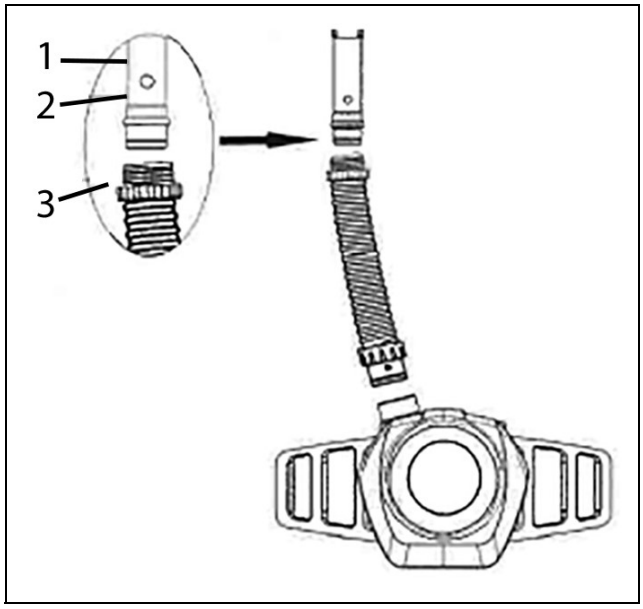
TESTING THE AIR-FLOW

Disconnect the breathing tube from the hood.

Insert the flowmeter into the breathing tube.

Hold the flowmeter straight up and start the blower.

The flowmeter ball should be above the MIN mark. If the flowmeter reads MIN or below, check the battery and filter elements.

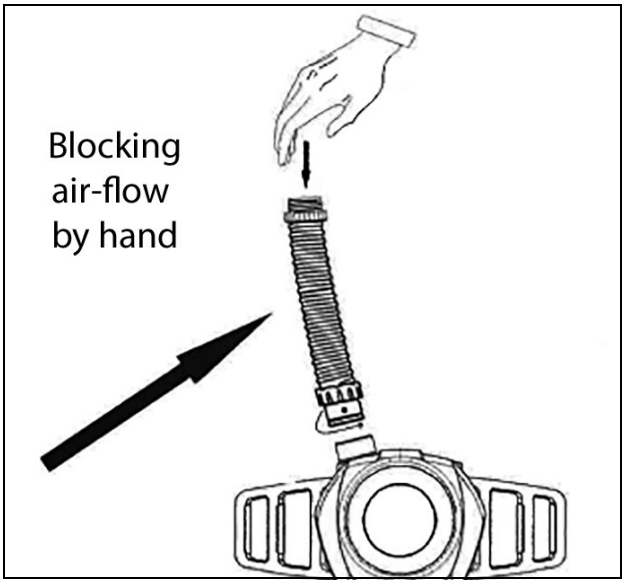


1. Flowmeter
2. Breathing Tube Connector
3. MIN mark

TESTING THE AIRFLOW ALARM

Disconnect the breathing tube from the hood. Start the blower and block the air flow by placing your hand over the end of the breathing tube.

If the alarm does not sound and the blower does not vibrate, check the battery and filter element.



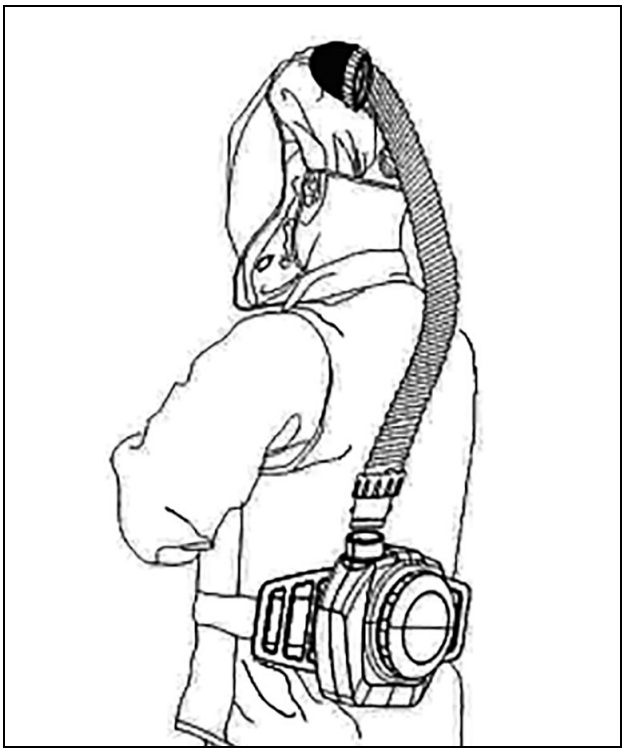
CHECKING THE RESPIRATOR BEFORE USE

Before using the respirator, check the following items:

1. Verify the air filter is undamaged and securely connected to the blower assembly
2. Be sure the breathing tube is undamaged and properly connected to the blower assembly and hood.
3. Verify the battery is fully charged and securely connected.
4. Test the air flow as above.
5. Turn on the blower and check for audible, visual and vibratory airflow alarms.
6. Inspect the face seal and replace if damaged.

PUTTING ON THE RESPIRATOR

Place blower assembly against lower back with breathing tube extending upwards. Fasten belt around waist and adjust so as to make a comfortable fit.



SECTION 3-AUTO-DARKENING HELMET

The Solar-Powered Auto-Darkening Welding Helmet is suitable for most welding and grinding applications. This helmet comes with a 1/30,000-second switching time which automatically darkens the lens the moment you start welding. No matter what shade the filter is set to, the UV/IR protection is always present.

The front lens incorporates an outer UV/IR filter lens which can be replaced by unclipping the cartridge from inside the helmet. The inner lens can also be replaced (spare lenses supplied) and each control knob assembly contains a lithium battery which can be replaced by sliding off the enclosing panel on each controller.

For a breakdown of all components see page 22.

CAUTION: ARC RAYS CAN INJURE EYES AND BURN SKIN

Before welding, always inspect the helmet and auto-darkening filter (ADF) to be sure they are fitted properly and in good condition. Keep the sensors, solar cell and filter lens clean. Clean the filter cartridge using a soapy water solution and soft cloth. Do not use solvents or abrasive cleaning detergent.

DO NOT weld in the overhead position while using this helmet.

Inspect the filter lens frequently and immediately replace any scratched, cracked or pitted filter lens or cover lenses.

ALWAYS wear safety glasses or goggles under the welding helmet and protective clothing to protect your skin from radiation, burns and spatter.

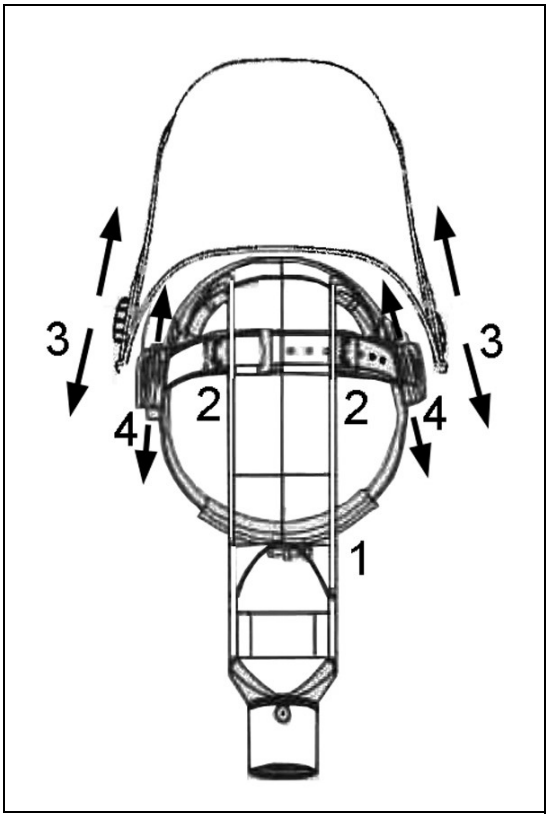
SECTION 4 - PREPARATION & USE

WARNING: IT IS ESSENTIAL THAT AFTER USING THE HEADSHIELD IN GRINDING MODE, IT SHOULD BE RETURNED TO THE CORRECT SETTING BEFORE WELDING. FAILURE TO DO THIS COULD LEAD TO EYE INJURY.

USING THE HELMET

1. Remove the protective film from the lens cartridge. Remove the outer screen as on pages 5 & 6 to remove it from the forward surface.
   - The lens will be set to Light DIN 4 state, & you will be able to see the workpiece. The lens will automatically darken when an arc is struck.
2. Test the lens by striking an arc on the workpiece for the first time. Check also that the outer screen and lens are clean and clear at all times.
3. Change the settings as required using the controls described below. Refer to the Shade Guide Table on page 15.

HEADGEAR ADJUSTMENT



1. Adjust the headgear diameter with the twist knob on the back. The knob is locked until pushed in. Once unlocked, twist clockwise to tighten and counter-clockwise to loosen.
2. Adjust the height by snapping the pin into the hole to lock securely in place.
3. To adjust the viewing angle, loosen the knob on both sides of the helmet and change. angle locker to the desired tilt position (5 selection and positioned in the middle by default). Once achieving the desire angle, tighten the knobs until snug. The helmet should still swing up, but it should not drift downward when in place for welding.
4. To adjust the distance between the user's face and ADF, loosen the knobs on both sides of the helmet until the headband can move back and forth freely, reposition the headband at one of the 3 slots as desired (The headband is positioned in the middle by default). This should be done one side at a time and both sides should be located at the same position for proper auto-darkening filter operation.

SCREEN SETTINGS

WARNING: DO NOT USE FOR WELDING OUTSIDE THE RANGE OF DIN 9-13. INJURY TO THE EYES & LOSS OF EYESIGHT MAY BE CAUSED.

On striking an arc, the light created will activate the solar cell and the window will automatically darken to a pre-set level. The lithium battery will provide the necessary energy to operate the headshield when there is no arc light. Because the cartridge assembly is a sealed unit, the battery cannot be replaced. You can adjust this shade level using the shade adjustment knob on the side of the headshield, corresponding to the type of welding process.

- There are five levels available; 9, 10, 11, 12 and 13. Check the table on page 16 to determine which you should select.

SELECT THE GRINDING SETTING

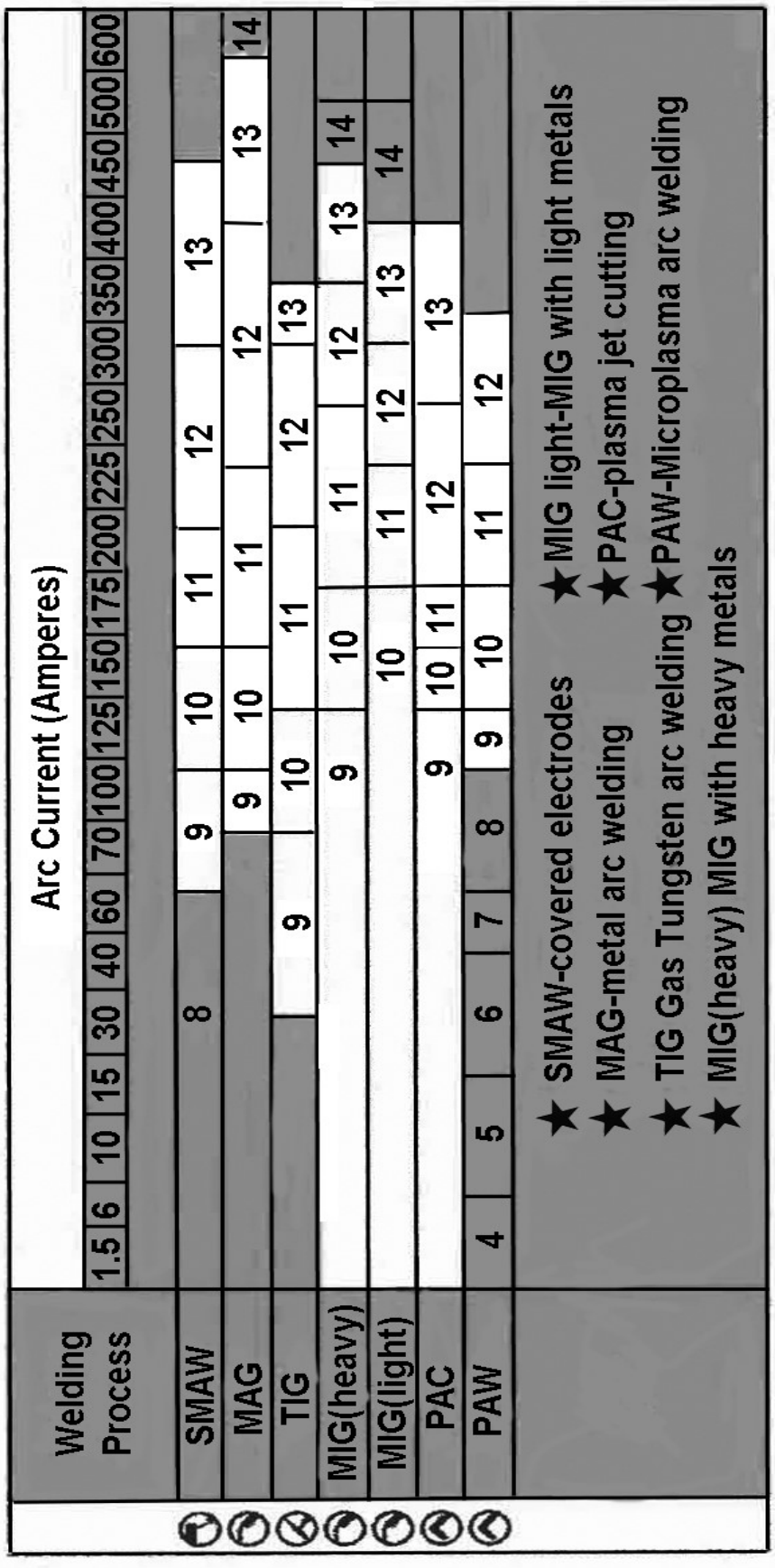
The headshield has a 'Grinding' setting on the selector panel. When set to 'Grind' the auto darkening function is disabled. The headshield then provides eye and face protection for sparks and airborne particles created during grinding activities.

DO NOT WELD WITH "GRIND" SELECTED

SELECT THE SHADE CONTROL

Select the shade DIN 9 to 13 based upon the welding process you will use by consulting the "Shade Guide" table. The variable shade control knob is for internal adjustment. The welding helmet can also be used to protect the face when cutting, from shade DIN 5 to 8. Grind mode DIN 4 prevents filter lens from auto-darkening for grinding use.

SHADE GUIDE TABLE



Shade numbers according to BS 379, DIN 4647-1 and EN 169.

SENSITIVITY CONTROL

The sensitivity can be set from MIN to MAX by using the dial knob. The MIN setting suits excess ambient light or with another welding machine close by. The MAX setting suits low amperage welding and welding in areas with low light conditions, especially low amperage argon arc welding. Selections between MIN and MAX are suitable for most of indoor and outdoor welding operations.

DELAY CONTROL

When welding ceases, the viewing window automatically changes from dark back to light but with a pre-set delay to compensate. The delay time can be set from FAST (0.1 sec) to SLOW (1.0 sec), using the dial knob. The minimum delay suits spot or short welds. The maximum delay suits heavy current welding and reduces eye fatigue from the arc. Selections between SLOW - MIDDLE are suitable for most of indoor and outdoor welding operations.

SECTION 5-CARE & MAINTENANCE

HELMET CARE & MAINTENANCE

Damaged components must be replaced immediately to avoid risk of eye and face injuries. Periodically inspect the filter cartridge and lenses. Cracked, pitted or scratched lenses reduce vision and seriously reduce the level of protection and should be replaced with genuine, certified spare parts.

The cartridge can be wiped with a household glass cleaner when dirty. Apply the cleaner with a clean cloth or paper towel. DO NOT USE ALCOHOL TO CLEAN. DO NOT APPLY CLEANER DIRECTLY TO THE CARTRIDGE.

Clean all lenses with a soft tissue and suitable lens cleaning fluid. Do not use solvents. Never use tools or other sharp objects to remove material from the lens or screen. This may cause damage which may cause incorrect function and invalidate the warranty. Store the unit in it's box or similar safe place.

FRONT COVER LENS REPLACEMENT

Replace the front cover lens if it is damaged (cracked, scratched, pitted or dirty). Remove the old front cover the lens by pressing two lock switches at the bottom of the retaining frame and pull the frame and ADF out. Take the old front cover lens out, and remove any protective film before installing the new one.

INSIDE COVER LENS REPLACEMENT

Replace the inside cover lens if it is damaged (cracked, scratched, pitted or dirty). Place your finger or thumb into the recess and flex the inside cover lens upwards until it releases from one edge.

Then remove any protective film before installing the new one.

BATTERY REPLACEMENT

When the low voltage indicator turns red, the batteries need replacing. Removing the ADF from the retaining frame. Slide the cover plates on the top left and right and replace the old batteries by lithium batteries. Replace the cover plates of the batteries and install the ADF back to the frame.

CLEANING AND STORING

Keep the sensors, solar cell and filter lens clean. Clean filter cartridge and helmet shell by using a soapy water solution and soft cloth. Do not use solvents or abrasive cleaning detergent. Switch the product to Grind Mode and put it in a clean, dry location for storage.

RESPIRATOR CARE & MAINTENANCE

The respirator must be used together with the correct particle filter at all times.

The particle filter can not be cleaned. Do not attempt to remove contamination using for example, compressed air, as this will destroy the filters, which will not give the expected protection and the warranty will be invalidated.

Do not store outside the temperature range -5'C to +55 'C or in relative humidity greater than 90%. The filter must be kept clean from dust and large particles.

MARKINGS

The particle filters are marked according to EN12941:1998+Al:2003+A2:2008, EU2016/425.

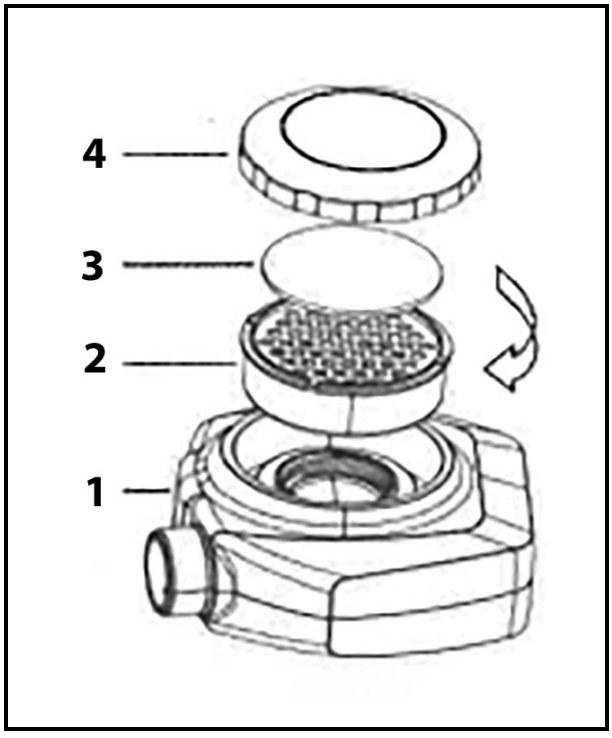
TH2P RSL: Class TH2, protection against Particulate, SL = particles of liquid or solid material in aerosol form.

Filter type: HFR1000

FILTER REPLACEMENT

1. Blower body
2. HEPA Filter
3. Foam pre-filter
4. Cover

Attention: Filter screen and foam pre-filter protects increases the life of the particle filter HFS-1000.



CLEANING

Detach the battery pack, the breathing tube and the blower. Inspect all parts for damage and replace any damaged parts prior to storage or next use.

a. **Blower:** Clean the outer surfaces of PAPR assembly and battery pack with a soft cloth dampened in a solution of water and mild, pH neutral detergent. Do not immerse the blower or battery pack in water. DO NOT use solvents or abrasive cleaners. DO NOT attempt to clean the interior of the blower with compressed air or vacuum. Ensure the electrical contacts of the blower and battery pack are dry.

b. **Breathing tube:** Clean the connection sites on the breathing tube with a water and detergent solution. The breathing tube can be immersed in water for cleaning. The inside of the tube must be completely dried prior to use or storage. Air dry, or

dry by connecting to the blower unit and use it to force air through the tube until dry.

c. **HEPA filter and pre-filter:** Open the filter canister and inspect the filters. Replace if excessively dirty.

STORAGE

If the blower will not be used for an extended period, remove the filter and battery and store them in a clean, dry, cool place free of solvent-based vapours.

TROUBLESHOOTING

Use the table below to help identify possible causes and corrective action for problems you may experience.

Fault	Possible solution
Blower does not supply air to the hood	1. Press ON to start blower 2. Recharge battery 3. Verify battery is correctly connected to the blower 4. Remove any blockage from blower outlet and breathing tube.
Battery pack charge last less than expected	1. Ensure battery pack is fully charged 2. Replace battery 3. Replace charger 4. Check the air filter (HEPA and pre-filter) and replace if necessary
Blower cannot be turned off	Press ON/OFF button for one second
Battery RED level light is flashing	Charge or replace battery
Danger light is on. alarm sounds or blower vibrates.	Check the blower air flow as in PageXXX

SECTION 6 - ENVIRONMENTAL PROTECTION

If broken, **DO NOT** dispose of this product with general household waste. This product contains valuable raw materials and should be disposed of appropriately at a recognised disposal facility.

Through purchase of this product, the customer is taking on the obligation to deal with the WEEE in accordance with the WEEE regulations in relation to the treatment, recycling & recovery and environmentally sound disposal of the WEEE.

This means that this product must not be disposed of with general household waste. It must be disposed of according to the laws governing Waste Electrical and Electronic Equipment (WEEE) at a recognised disposal facility.

BATTERY DISPOSAL

Dispose of old batteries in accordance with local authority regulations. **DO NOT** incinerate or crush, as this will increase the risk of explosion and contamination. If the battery contents come into contact with skin or the eyes, rinse with clean water for several minutes and seek medical advice immediately afterwards.

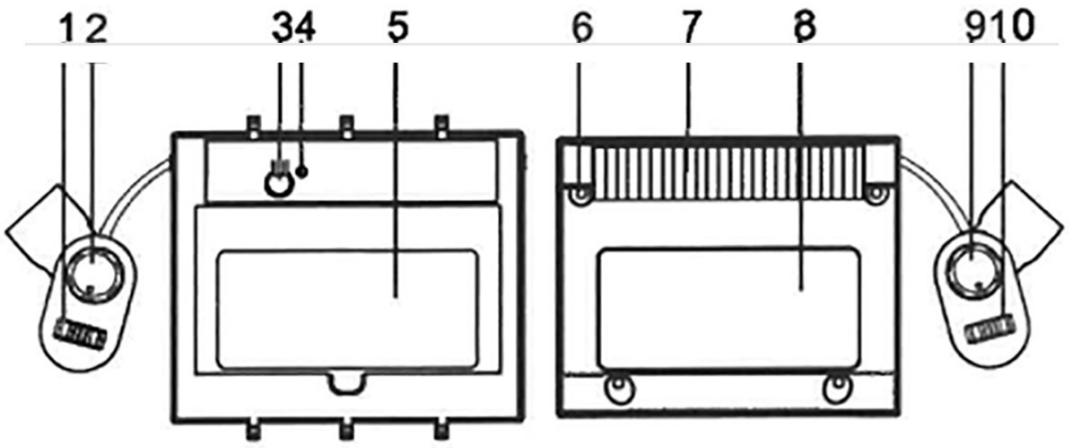
GUARANTEE

This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended. Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

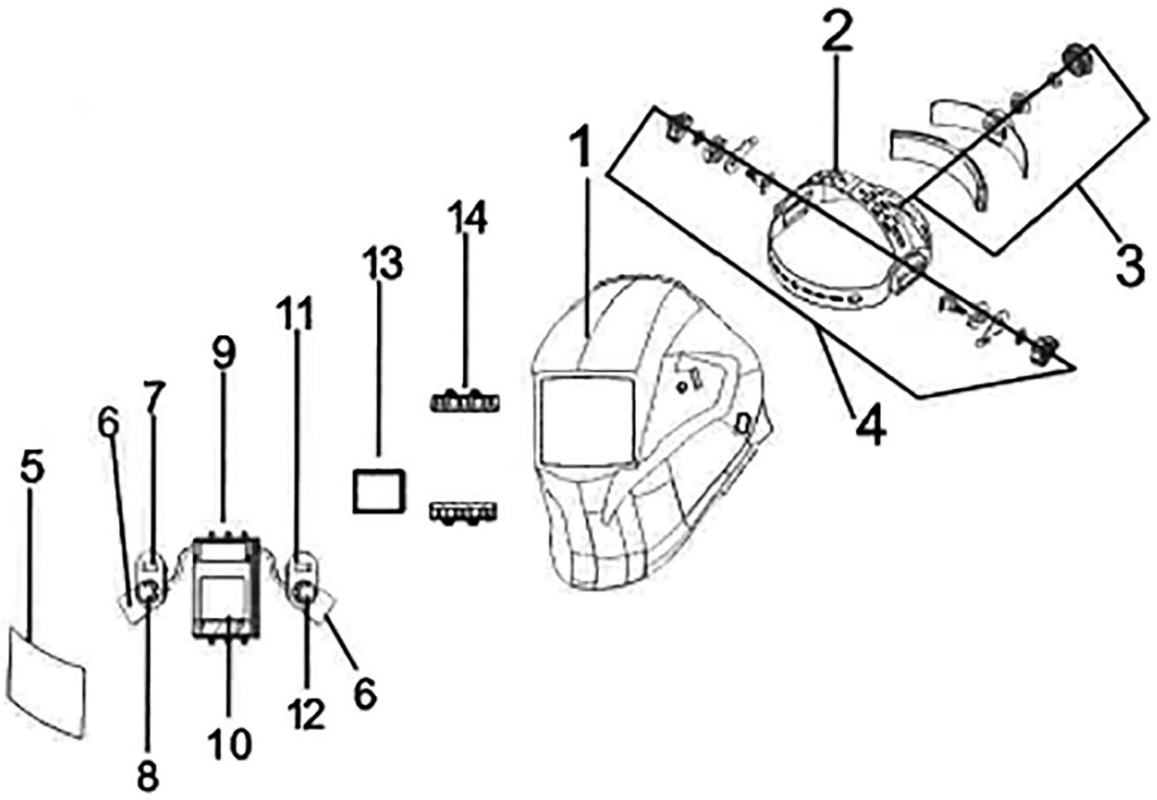
SCREEN COMPONENT PARTS



1	Shade and grind/weld control
2	Shade control knob
3	Self-test button
4.	Low battery indicator
5	Display screen

6	Arc sensor
7	Solar panel
8	UV/IR Filter
9	Sensitivity control knob
10	CR2450 Lithium battery

HELMET COMPONENT PARTS



1	Helmet body
2	Headgear top adjustment
3	Headgear tightness adjusting knob
4.	Angle /Distance adjusting knob
5	Front cover lens
6	Battery compartment
7	Delay time control

8	Sensitivity control
9	Filter cartridge
10	LCD
11	Weld & grind control
12	Variable shade control
13	Inside cover lens
14	Filter fixture holder

DECLARATIONS OF CONFORMITY

UK CA

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DECLARATION OF CONFORMITY

This is an important document and should be retained.

We hereby declare that this product(s) complies with the following legislation:	**The following standards have been applied to the product(s):**
The Personal Protective Equipment (Enforcement) Regulations 2018	*EN 61000-3-3:2013+A1:2019+A2:2021, EN IEC 61000-3-2:2019+A1:2021, EN 12941:1998,*
The Batteries and Accumulators (Placing on the Market) Regulations 2008	*EN 62368-1:2014+A11:2017, EN IEC 55014-1:2021, IEC 62321-1:2013, IEC 62321-2:2013,*
The Electromagnetic Compatibility Regulations 2016	*EN 12941:1998/A1:2003, EN ISO 16321-1:2022, IEC 62321-7-1:2015, IEC 62321-7-2:2017,*
The Electrical Equipment (Safety) Regulations 2016	*IEC 62321-2:2021, DIN EN 379:2009-07, IEC 62321-3-1:2013, IEC 62321-4:2013+A1:2017,*
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012	*IEC 62321-5:2013, IEC 62321-6:2015, IEC 62321-8:2017, ISO 17075-1:2017,* *EN IEC 55014-2:2021*

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned legislation has been compiled and is available for inspection by the relevant enforcement authorities.

The UKCA mark was first applied in: 2024

Manufacturer:	Clarke International Ltd, Hemnall Street, Epping, Essex, CM16 4LG, United Kingdom	**Notified Body:**	Výzkumný ústav bezpečnosti práce v.v.i (ID: 1024), DIN CERTCO Gesellschaft für Konformitätsbewertung mbH (ID: 0196)
Product Description:	Respirator Welding Mask	**PPE Certificate Number:**	1024/E-028/2024, C4898GX/R5, C4899GX/R6, C5127GX/R1
Model Number(s):	PAPR2	**PPE Assessment Category:**	III
Serial/Batch Number:	Refer to product/packaging label	**PPE Assessment Module(s):**	B & D
Date of Issue:	02/09/2024	**Signed:**	**J.A Clarke**

PAPR2 UKCA Clarke DOC 090224 Page 1 of 1

CE

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DECLARATION OF CONFORMITY

This is an important document and should be retained.

We hereby declare that this product(s) complies with the following legislation:		**The following standards have been applied to the product(s):**
2016/425	*Personal Protective Equipment (PPE) Regulation*	*EN 61000-3-3:2013+A1:2019+A2:2021, EN IEC 61000-3-2:2019+A1:2021, EN 12941:1998,*
2023/1542	*Battery Regulation*	*EN 62368-1:2014+A11:2017, EN IEC 55014-1:2021, IEC 62321-1:2013, IEC 62321-2:2013,*
2014/30/EU	*Electromagnetic Compatibility Directive*	*EN 12941:1998/A1:2003, EN ISO 16321-1:2022, IEC 62321-7-1:2015, IEC 62321-7-2:2017,*
2014/35/EU	*Low Voltage Directive*	*IEC 62321-2:2021, DIN EN 379:2009-07, IEC 62321-3-1:2013, IEC 62321-4:2013+A1:2017,*
2011/65/EU	*Restriction of Hazardous Substances (RoHS) Directive*	*IEC 62321-5:2013, IEC 62321-6:2015, IEC 62321-8:2017, ISO 17075-1:2017,* *EN IEC 55014-2:2021*

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned legislation has been compiled and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2024

Manufacturer:	Clarke International Ltd, Fitzwilliam Hall, Fitzwilliam Place, Dublin 2, Republic of Ireland	**Notified Body:**	Výzkumný ústav bezpečnosti práce v.v.i (ID: 1024), DIN CERTCO Gesellschaft für Konformitätsbewertung mbH (ID: 0196)
Product Description:	Respirator Welding Mask	**PPE Certificate Number:**	1024/E-028/2024, C4898GX/R5, C4899GX/R6, C5127GX/R1
Model Number(s):	PAPR2	**PPE Assessment Category:**	III
Serial/Batch Number:	Refer to product/packaging label	**PPE Assessment Module(s):**	B & D
Date of Issue:	02/09/2024	**Signed:**	**J.A Clarke**

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