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PERSONAL PROTECTIVE EQUIPMENT PORTFOLIO OVERVIEW

3RD FEBRUARY, 2022

WHY IS PPE NECESSARY?

- PPE protects us from harmful operational hazards like:
 - Fumes and gases
 - Fire and spatter
 - Electricity
 - Electromagnetic fields
 - UV, IR, visible light radiation



PERSONAL PROTECTIVE EQUIPMENT

Head & Face Protection	Protective Clothing	Hand Protection	Spectacles, Goggles & Visor
 <p>■ Savage A40 with PAPR</p>	 <p>■ Savage A40</p>  <p>■ Dura Apron</p>  <p>■ Dura Hand-Sleeve</p>  <p>■ Dura Leg Guard</p>	 <p>■ Dura Hand-gloves</p>  <p>■ TIG Professional</p>	 <p>■ Welding Goggle FG2</p>  <p>■ Face Shield</p>
 <p>■ A20</p>  <p>■ Eco Arc II</p>	 <p>■ Welding jacket LW</p>  <p>■ Welding Yoke</p>	 <p>■ TIG Welding Hand Gloves</p>  <p>■ HR Hand gloves</p>	 <p>■ Eco Smoked</p>  <p>■ Eco Clear</p>
 <p>■ Handshield Armour</p>	 <p>■ Safety Helmet</p>  <p>■ Reflective Vests</p>  <p>■ Safety Shoe DDS</p>	 <p>■ Heavy Duty Hand Gloves</p>	

HEAD & FACE PROTECTION

SAVAGE A40 AIR WITH PAPR

- **SAVAGE A40 AIR**

- Welding Helmet with provision for air supply
- ADF with True color technology

- **ESAB PAPR Unit (Powered Air purifying Respirator)**

- PCB board technology
- Heavy duty protection from fume and dust

Specifications	Savage A40 AIR with PAPR
Air Flow	170 – 220 LPM
Battery Time	Upto 8 hrs at 220 LPM
Filter	P3 filter and Pre-filter
Certifications	CE EN 12941
Dimensions L x W x H	185 x 100 x 160 mm
Weight	1 kg
Alarms	Blocked filter & Low battery



Application & Industry

- GMAW, SMAW, GTAW, PAW, PAC, Grinding, Cutting
- Fabrication, PEB, Ship Building, Automotive, Construction

FRESH AND CLEAN AIR EVEN IN CONFINED SPACES

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SAVAGE A40

- Wide Vision with True color technology
- Light weight shell.
- Exceptional Optical class, Grind mode in Shade 4
- Replaceable battery

Specifications	Savage A40
Viewing Area	100 x 50 mm
Sensors	4
Switch Time	0.07 ms
Weight, g	500 gms
Shell Material	High impact resistant nylon
Optical Class	1/1/1/2
Adjustable Headgear	Infinitely Adjustable
Shade Control	DIN 4, 9-13
Standards	CE, EN175, EN379 ANSI, CSA, AS/ NZS
Grind Button	Externally activated
Solar Cell Assist Li Batteries	Yes, replaceable
Others	Low battery alarm



Application & Industry

- GMAW, SMAW, GTAW, PAW, PAC, Grinding, Cutting
- Fabrication, PEB, Ship Building, Automotive, Construction

PROFESSIONAL AUTO DARKENING HELMET

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A20 - AUTO DARKENING HELMET

- Light weight
- High performing ADF with superior optical class
- Designed for first time users
- Sensitivity & Delay – Manual control

Specifications	Savage A40
Viewing Area	96 x 39 mm
Sensors	2
Switch Time	0.1 ms
Weight, g	470 gms
Optical Class	1/1/1/2
Shade Control	DIN 4, 9-13
Standards	CE, EN175,
Grind Button	---
Solar Cell Assist Li Batteries	Yes



Application & Industry

- GMAW, SMAW, GTAW
- Fabrication, PEB, Ship Building, Automotive, Construction

LIGHT IN WEIGHT. STRONG IN PERFORMANCE.

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ECO-ARC II

- High impact resistance - Poly-propylene shell
- Outstanding facial protection - All positions welding
- Light Weight
- Flip-up Window

Specifications	Eco Arc II
Viewing Area	83 x 108 mm
Weight, g	484 gms
Shell Material	Poly propylene
Adjustable Headgear	4 Point Adjustable
Standards	CE, EN 175



Application & Industry

- GMAW, SMAW, GTAW,
- Fabrication, PEB, Ship Building, Construction

ADJUSTABLE HEADGEAR FOR USER COMFORT IN ALL POSITIONS

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HAND SHIELD ARMOUR

- Fiber glass shell
- Concealed handle
- Flame retardant
- Durable

Specifications	Hand Shield Armour
Viewing Area	83 x 108 mm
Weight, g	410 gms
Shell Material	Glass filled nylon
Replaceable Front Cover	Yes



Application & Industry

- GMAW, SMAW, GTAW,
- Fabrication, PEB, Ship Building, Construction

RELIABLE PROTECTION

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SAFETY HELMETS

- 8-point harness for improved safety and comfort
- Ratchet type and Pin type (Nape Type)
- Sturdy and comfortable chin strap
- HDPE Safety Helmets

Specifications	Face Shield
Colour	White, Yellow & Blue
Shell & Harness	HDPE & LDPE
Sweatband	Cotton with foam
Chin Strap	Nylon
Circumference range	520 – 600 mm
Adjustment	Pin lock & Ratchet type
Weight with Harness	362 gms
Helmet Shell	Non-flammable



Application & Industry

- Industrial use.

FIRST LINE OF DEFENCE AGAINST HEAD INJURIES

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WELDER'S GOGGLE FG2

- Snug fit PVC protective goggle with elastic belt
- Equipped with ventilators, holding rings with clear lens
- Best suited for gas welding, brazing and gas cutting

Specifications	Goggle FG2
Shade	DIN Shade 5
Lens material	Polycarbonate
Lens Holder	ABS Plastic
Shell	Flexible PVC



Application & Industry

- Gas cutting
- Fabrication, PEB, Ship Building, Construction

RIGHT SHADE FOR EYE PROTECTION DURING GAS CUTTING

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FACE SHIELD

- Tilting visor for face protection during grinding
- Colorless transparent acrylic
- Distortion free view

Specifications	Face Shield
Viewing Area	355 x 178 mm
Shell Material	Colorless transparent acrylic
Replaceable Front Cover	Yes
Others	Flame retardant shield



Application & Industry

- Grinding
- Fabrication, PEB, Ship Building, Construction

CLEAR VIEW OF GRINDING WITH COMPREHENSIVE FACE COVER

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ECO SAFETY SPECTACLES

- Extremely lightweight and Stylish
- Protection against UV radiation
- Conforms to CE EN 166-F

Specifications	Eco Smoked	Eco Clear
Shade	Smoked	Clear
Lens material	Polycarbonate	Polycarbonate
Suitable for	Strong ambient light	Ambient light



■ Eco Smoked



■ Eco clear

Application & Industry

- Drilling, chipping and metal working
- Fabrication, PEB, Ship Building, Construction

STYLISH AND SPORTY SPECTACLES

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PROTECTIVE CLOTHING



DURA APRON

- Superior quality split leather, reinforced with rivets.
- Heat resistant threads
- Leather neck loop and polyester chest straps

Specifications	Dura Apron
Material	Split Leather
Size/ Dimensions	Large & Medium
Protection	Upper Body
Stitching	Aramid thread
Temperature Sustenance ° C	150



Application & Industry

- GMAW, SMAW, GTAW, PAW, PAC, Grinding, Cutting
- Fabrication, PEB, Ship Building, Automotive, Construction

SAFETY WITH ELEGANCE

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DURA HAND-SLEEVE

- Split leather
- Heat resistant threads
- Elasticated cuff, knitted wrist and Velcro arm fastener

Specifications	Welding Sleeve
Material	Split Leather
Size/ Dimensions	47 cm
Protection	Arm
Stitching	Aramid Threads
Temperature Sustenance ° C	150



Application & Industry

- GMAW, SMAW, GTAW, PAW, PAC, Grinding, Cutting
- Fabrication, PEB, Ship Building, Automotive, Construction

PROTECTION IN POSITIONAL WELDING & CONSTRAINED SPACES

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DURA LEG-GUARD

- High-quality split leather
- 15 cm long Velcro fastening
- Heat resistant threads. Riveted joints.

Specifications	Dura Leg Guard
Material	Split Leather
Size/ Dimensions	15 cm
Protection	Foot
Stitching	Aramid Threads
Temperature Sustenance ° C	150



Application & Industry

- GMAW, SMAW, GTAW, PAW, PAC, Grinding, Cutting
- Fabrication, PEB, Ship Building, Automotive, Construction

ADDED PROTECTION FOR THE FEET

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WELDING JACKET LW

- Superior quality top grain leather
- Stitched with aramid threads for longer life
- Protects upper body from heat & spatter

Specifications	Welding Jacket LW
Material	Top grain Leather
Protection	Upper Body
Stitching	Kevlar
Temperature Sustenance ° C	150



Application & Industry

- GMAW, SMAW, GTAW, PAW, PAC, Grinding, Cutting
- Fabrication, PEB, Ship Building, Automotive, Construction

SAFETY WITH COMFORT

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WELDING YOKE

- Split leather
- Protects chest, arms and shoulders
- Eliminates use of Hand Sleeves

Specifications	Welding Yoke
Material	Split Leather
Protection	Chest, Arms & Shoulder
Stitching	Aramid thread
Temperature Sustenance ° C	150



Application & Industry

- GMAW, SMAW,
- Fabrication, PEB, Ship Building

SAFETY IN POSITIONAL WELDING & CONSTRAINED SPACES

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REFLECTIVE VESTS

- High visibility vests
- Fluorescent Nylon net with 2" wide reflective tape
- Colour matched Hook n Loop strips for locking

Specifications	Reflective vests
Material	Nylon
Colours	Fluorescent Green & Red
GSM	95
Fluorescent material	0.72 Sq. M
Reflective Tape	0.11 Sq. M



Application & Industry

- Welders, Grinders & Material handling professionals

VISIBILITY FROM A DISTANCE EVEN IN LOW LIGHT

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SAFETY SHOE DDS

- Dual Density PU Sole with genuine split leather upper
- Steel toe - withstands 200 J impact
- Anti slip, Antistatic, Acid and Alkali resistant sole
- Conforms to IS 15298 - II specifications

Specifications	Safety Shoe DDS
Shoe Upper	Split leather
Sole	Dual Density PU
Steel toe cap	200 J impact resistant
Out sole design	Cleated
Size	6 to 12



Application & Industry

- All Industries

ADDS VALUE TO YOUR FEET

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HAND PROTECTION



DURA HAND-GLOVES

- Heavy-duty chrome leather
- Heat resistant threads, fully welted fingers
- Reinforced thumb crotch
- Cotton inner lining for comfort

Specifications	Dura Hand Gloves
Material	Split Leather
Size/ Dimensions	L, XL, XXL
Protection	Hand
Stitching	Aramid



Application & Industry

- GMAW, SMAW, PAW, PAC, Cutting
- Fabrication, PEB, Ship Building, Automotive, Construction

SAFE HANDS. SAFE WORK

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TIG PROFESSIONAL GLOVES

- Soft nappa grain leather
- Heat Resistant thread
- Reinforced thumb crotch, wrap around first finger.
- 15 cm extended cuff for safety.

Specifications	TIG Professional Hand Gloves
Material	Top Grain Leather
Size/ Dimensions	L
Protection	Hand
Stitching	Aramid thread
Temperature Sustenance ° C	150



Application & Industry

- GTAW
- Fabrication, Ship Building, Automotive

SAFETY WITH DEXTERITY

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TIG HAND GLOVES

- Yellow grain leather with cotton lining
- Heat Resistant thread
- Elasticated cuff
- High flexibility and comfort

Specifications	TIG Hand Gloves
Material	Top Grain Leather
Protection	Hand
Stitching	Aramid Thread
Temperature Sustenance ° C	150



Application & Industry

- GTAW
- Fabrication, Ship Building, Automotive

SNUG-FIT FASHIONABLE TIG GLOVES

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HR HAND GLOVES

- Top grade select leather
- Heat Resistant thread
- Special insulated lining for heat resistance.

Specifications	HR Hand Gloves
Material	Split Leather
Protection	Hand
Stitching	Aramid thread
Temperature Sustenance ° C	350



Application & Industry

- GMAW, SMAW, PAW, PAC, Cutting
- Fabrication, PEB, Ship Building, Foundries

PROTECTION AT HIGHER TEMPERATURES

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HEAVY DUTY HAND GLOVES

- Chrome leather for knuckle protection
- Wing thumb, Vein patch and rubberized cuff
- Elasticated wrist tensioner
- Special cotton lining on the palm for extra protection

Specifications	Heavy duty Hand Gloves
Material	Split Leather
Protection	Hand



Application & Industry

- Material handling
- All industries

SAFETY FOR ALL

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