



SSEDA

SEONG AN SAVE **S**afety **E**quipment for **D**angerous **A**reas



SEONG AN SAVE CO., LTD.



BRAND INSTRUCTION



SEONG AN SAVE
Safety
Equipment for
Dangerous
Areas



ANSI

Z89.1-2003



한국산업안전공단



ASR
American Systems
REGISTERED



ISO 9001: ISO 14001

Quality

Innovative Technology

Absolute Reliability

For over 40 years the Seong An Save Co., Ltd has represented quality, innovation and absolute reliability. At The SEDA we understand that our customer's lives may one day depend on us and we take our responsibilities seriously. Look for the SEDA brand. Personal protection for dangerous areas.



MANAGEMENT VISION

The Zero percent of Inferior-Goods

Global of Our Brand Name The SSED

Continual Challenging on the Future.



SEONG AN SAVE STRIVES TO BE SAFETY LEADER THROUGH NEW CHALLENGING INNOVATIONS

History of SSED

1969. 05. 02	Founded as "Sam Sung Safety Company" in Busan Korea.
1972. 08. 10	Moved to Factory(on the local 318-2, Yangjeong-2-Dong)
1973.	For the first time Contracted with "POSCO"
1983. 06. 01	Introduced the Quality management structure.
1983.	Obtained "KS" Standard for Safety helmet.
1993. 01. 20	Introduced the Harness "KS" Test Equipment
1994. 09	Obtained "KS" standard for Work-Positing Safety-Belt.
1996. 10. 01	Changed the juridical corporation "Sam-Sung Safety Co., Ltd."
1997. 04. 30	Certificated ISO 9001 Envoimantal Management System
1998. 01. 01	Changed the Company name to "Seong An Save Co., Ltd."
1998. 06. 26	Selected as the excellence goods for Full Body Harness in "KOSHA" Competitive Show.
1999. 07. 01	Selected as the excellence goods for Safety Helmet in the KOSHA belong in the category "Safety Helmet"Approval."
2000. 02. 02	Certificated IQRS DNV to Seong An Save Co., Ltd.
2000. 04. 30	Certificated ISO 9001 Quality System
2001. 07. 04	Awarded as a grand prize "The 5th Safety Equipment Approval" (Belong in the Category "Safety Helmet")
2003. 06. 23	Approved CE Certifications for Full Body Harness, Lanyard, Carabineer, Hook (CE 0082 EN-361)
2004. 12. 16	Certificated ISO Envoimantal Management System
2005. 03. 29~31	Attended as an Exhibitor The 4th International PPE Exhibition for Asia in Singapore.
2005. 06	Construction for enlargement of Head-Office & Factory.
2005. 10. 24~27	Attended as Exhibitor "A+A 2005 Dusseldorf Exhibition in Germany"
2005. 11	Completed to construction for enlargement with the second factory
2005. 12. 09	Certificated ISO Envoimantal Management System (KSA : 14001:2004 / ISO 1400 :2004)
2006. 01. 17	Awarded as a grad prize on President of KOSHA (Article: Manufacture for good quality "PPE Product")
2006. 03. 10	Registered a Exporting-Company project (from : Small&Medium Business Administration in the Korea.
2006. 04. 27	Approved CE Certification for Guided type Fall-Arrester (CE0082 EN 353-2:2002)
2006. 05. 11	Approved ISO 9001(from ASR Authorization, USA)
2006. 06. 29	Approved ISO 14001 (from ASR Authorization, USA)
2006. 06. 21	For the first time, Approved ANSI Z89.1-2003 Standard (from INTERTECK ETL SEMKO)
2006. 9	Approved ANSI Z89.1-2003 Standard (Model : FASHION II , NEW POSCO)
2006. 11. 6~8	Attended as exhibitor "NSC 2006 EXPO" in USA
2007. 05. 8~10	Attended as exhibitor Thailand National Safety 21th Exhibition
2007. 9. 13	Awarded as grad prize on excellent management of Green environment in the Korea
2007. 9. 17~21	Attended as Exhibitor "A+A 2007 Dusseldorf Exhibition in Germany"
2008. 01. 07	Approved CE Certifications for Safety Helme (CE0086 EN-397:1995 A1:2000)
2008. 02. 04	Established on the official team of the testing and developments by Korean Government.
2008. 03. 07	Approved as INNO-BIZ Small & Medium Company by Korean Government

SAFETY HELMET(HARD HAT)

HI-VISIBILITY SAFETY HELMET



VISUAL II (Slotted)



VISUAL II



(Colorful Visors)

Specially designed short profile visor is idea

Special Features

1. Visor diffuses light enhancing vision in bright light.
2. Different coloured visors can be used to differentiate working groups, areas, or companies
3. Sleek simple design is both comfortable and protective.

ANTISTATIC SAFETY HELMET

Material

- 1)Shell : ABS with antistatic coating (surface resistance $10E8 \Omega$)
- 2)Harness adjustments : PPE with antistatic coating (surface resistance $10E8 \Omega$)
- 3)Foam Lining : EPS with antistatic coating (surface resistance $10E8 \Omega$)
- 4)Nape-Strap : PP with antistatic carbon fibre (surface resistance $10E6 \Omega$)
- 5)Sweat band : Coolon material with antistatic carbon fibre (surface resistance $10E6 \Omega$)

Main Characteristics

Superior impact resistance: Quality ABS material
Protection against static electricity in all components with a standard surface resistance of (surface resistance $10E6 \sim 8 \Omega$)
Comfortable by design with added features such as the use of Coolon material for the sweat band.



SILVIX ANTI SAFETY HELMET (FEATURING SILVER NANO TECHNOLOGY)



Provides protection against 99.99% of bacteria and eliminates unpleasant odours.

- * Patented antibacterial nano technology from Samsung.
- * Silver nano technology impregnated materials for durability and reliability that provides protection
- * against 99.99% of bacteria and viruses that cause unpleasant smells and impact on personal hygiene.
- * Safe, reliable and long lasting personal protection is now more comfortable and hygienic.

MODEL : SSED4 IV

Materials : ABS/Polycarbonate

Weight : ABS 338gms/Polycarbonate 420gms

Colours : wide range available including sky blue; white, blue, yellow etc.

Modern design with emphasis on safety, simplicity and durability.

Choice of two materials (ABS/Polycarbonate).

Choice of either adjustable 6-point ratchet harness or 6-point pin strap

Soft brow pad for comfort even with extended wear (52~64cm, Sizes 6.5~8)

Meets or exceeds ANSI Z89.1-2003

CE0086 EN-397: 1995 A1: 2000. 440V a.c



MODEL : FASHION I

Material : ABS

Weight : 393gms (with ratchet type adjustment) 358gms (with pin strap type adjustment)

Colours : Wide range available including high green gray, blue, ivory, green, red, sky blue, white, etc.

Unique design for maximum safety, balance, and comfort.

Choice of either adjustable 6-point ratchet harness or 6-point pin strap

Made of tough ABS.

Cushioned brow pad is standard (52~64cm, Sizes 6.5~8)

Meets or exceeds ANSI Z89.1-2003

CE0086 EN-397 : 1995 A1: 2000. 440V a.c



MODEL : FASHION II

Materials : ABS/Polycarbonate

Weight : 386gms/Polycarbonate 410gms

Colours : wide range available including sea blue; yellow, dark yellow, sky blue, etc.

Designed for comfort even in adverse weather with a generous rain gutter that directs water away from the wearer's neck areas.

Feels light and comfortable even after long periods of wear.

Choice of two materials (ABS/Polycarbonate).

Choice of either adjustable 6-point ratchet harness or 6-point pin strap

Soft, comfortable brow pad for comfort (52~64cm, Sizes 6.5~8)

Meets or exceeds ANSI Z89.1-2003

CE0086 EN-397 : 1995 A1 : 2000. 440V a.c



MODEL : FASHION III

Material : ABS

Weight : With ratchet harness: 398gms / with 6 pin strap 367gms

Colours : wide range available including dark yellow, white, ivory, blue, orange, etc

Features a wide ridgeline across the full length of the head for improved shock absorption.

Side panels are ideal for identification and marking labels.

Choice of either adjustable 4-point ratchet harness or 4 pin strap.

Soft, comfortable brow pad for comfort (52~64cm, Sizes 6.5~8)

Meets or exceeds ANSI Z89.1-2003

CE0086 EN-397 : 1995 A1 : 2000. 440V a.c



MODEL : NEW POSCO

Material : Polycarbonate

Weight : With 425gms

Colours : wide range available including chocolate tiny green, ivory, orange, light pale yellow, white, high pale yellow, etc.

Exclusively supplied to POSCO for over 20 years. Now available to everyone.

Graceful, stylish shell design stands out from the crowd.

Side slots to accommodate a wide range of accessories such as ear muffs, welding helmets and face shields etc.

Widely used in shipbuilding, heavy industry and other challenging work environments and recognized for its protective qualities, comfort and aerodynamic style.

Adjustable 6-point ratchet harness.

Soft, comfortable brow pad for comfort (52~64cm, Sizes 6.5~8)

Meets or exceeds ANSI Z89.1-2003

CE0086 EN-397 : 1995 A1 : 2000. 440V a.c MM.



FASHION I WITH LED

Materials: ABS

Weight: 393gms (with ratchet type adjustment) 358gms (with pin strap type adjustment)

Colours: Wider range available including high green gray, blue, ivory, green, red, sky blue, white, etc.

All the benefits of the Fashion I but with a high visibility flashing LED installed.

Ideal for tunnel work or other night/low visibility working conditions.

Adjustable 6 point ratchet style harness./Made of tough ABS./Cushioned brow pad is standard (52~64cm, Sizes 6.5~8)



With LED off.



With LED on.

SAFETY HELMET WITH FACE SHIELD

Materials : ABS (Safety helmet), Polycarbonate (Shield)

Weight : 435gms (with adjustable 8-point harness)

The shell modern design with improved to protect against back of brain
(the shell covers back of the brain more than others models)

The face shield can be adjustable & fixed on head band of safety helmet.
prevent from both danger of head (flying, fall object, electricity) and danger of eye,
face (chemical, cutting, pulverization. etc.)

Meets or Exceeds ANSI Z89.1-2003 & Z87.1-2003

CE 0086 EN 397 : A1: 2000 440V a.c & EN-166



BUMP CAP

Not suitable for industrial areas where additional protection is required

BUMP CAP I

Material : HDPE

Colours : red, ivory, dark yellow, white, sky-blue.

Applications : Ideal for use in light manufacturing, assembly lines, clean rooms, light industrial (cleaning, furniture removal etc.)



BUMP CAP II

Material : HDPE

Colours : yellow, white, red.

Applications : Ideal for use in light manufacturing, assembly lines, clean rooms, light industrial (cleaning, furniture removal etc.)



FULL BODY HARNESS

Our full body harnesses are designed to provide the maximum protection in case of a fall. When properly fitted and used with appropriate safety equipment such as our shock absorbing lanyards the full body harness can save lives and protect against injury. The full body harness consists of a system of straps that are designed to be simply and securely fastened around the workers body to re-distribute the forces of the fall in such a way that it minimises the risk of injury. Seda systems are carefully designed to redistribute fall forces over the thighs, pelvis, waist, chest and shoulders reducing the risk and discomfort to workers involved in an industrial accident.

ANTISTATIC-FALL BODY HARNESS & SHOCK ABSORBING LANYARD

Material : Nylon strapping with antistatic fibre (surface resistance $10E8\Omega$).
Shock absorber cover, Coolon fibre with antistatic coating (surface resistance $10E6\Omega$).

- * Designed for durability, safety and reliability to EN361/355
- * All components tested to ensure a surface resistance $10E8\Omega$.
The effect of static electricity is effectively eliminated.
- * Reliability and ease of maintenance designed in with quality carbon/antistatic fibre construction.



MODEL : SAH-1001

SAH-1001 : Aluminum D-ring & Buckles

SAH-1001(ST) : Chrome plated Steel D-ring & Buckles

Complies with : CE 0082 / EN 361

Single dorsal D-ring full body harness

High strength, light weight colour coded components with differentiating thread highlights (for ease of inspection) make this full body harness the system of choice for reliability, simplicity and comfort.

Easy to don and doff, the SAH-1001 full body harness system brings safety, security and reliability together in a simple to use package that makes it ideal for most industrial safety applications.

Nylon straps have at least 24KN static strength rating and the specially located sling back D-ring and pelvic strap ensure a more comfortable arrest in case of an accident. Positive parachute buckle fasteners and torso adjustments make adjustments simple and a comfortable, personalised fit a snap.



SAH-1001(ST)

SAH-1001

MODEL : SAH-1002

Chrome plated D-ring and buckles
Complies with CE 0082 and EN 361

Featuring both a dorsal D-ring and a front attachment karabiner the SAH-1002 offers the same benefits as the SAH-1001 and more. Now donning is more comfortable and quicker and rescue and fall arrest even easier. With both the front mounted karabiner and rear mounted dorsal D-ring fixing points available the SAH-1002 offers increased flexibility, safety and ease of use. With the same high strength, light weight colour coded components and differentiating thread highlights (for ease of inspection) as the SAH-1001 this full body harness is ideal choice for additional safety, comfort and ease of use.

All nylon strapping has a at least 24KN static strength rating and the specially located sling back D-ring, CE certified front mounted karabiner adjustable pelvic strap ensure a more comfortable arrest in case of an accident. Positive parachute buckle fasteners and torso adjustments make adjustments simple and a comfortable, personalised fit a snap.



MODEL : SAH-1003

Chrome plated steel D.rings and buckles
Complies with CE 0082 and EN 361

The SAH-1003 is a full body harness is similar to the 1002 but features both a dorsal D-ring and a front D-ring for ease of rescue and increased flexibility in a wide variety of difficult conditions. Incorporating the same high strength, light weight, colour coded components with differentiating thread highlights (for ease of inspection) as the SAH-1001/1002 harnesses this full body harness offers added security, comfort and ease of use. Donning is quick and comfortable with the positive lock parachute buckle fasteners and colour coded components and the complete harness is adjustable to allow a safe, personalised fit.



MODEL : SAH-1005

Chrome plated steel D.rings and buckles
Complies with CE 0082 and EN 361

The SAH-1005 offers complete flexibility in attachment for work and rescue. Featuring dual lateral D.rings as well as a dorsal D.ring The SHA-1005 offers additional options for work security and rescue. Incorporating the same high strength, light weight, colour coded components with differentiating thread highlights (for ease of inspection) as the SAH-1001/1002 and 1003 harnesses this full body harness provides additional security and rescue options in a comfortable, high quality package. Donning and doffing is quick and comfortable with the positive lock parachute buckle fasteners and colour coded components and the complete harness is adjustable to allow a safe, personalised fit.



SHOCK ABSORBING LANYARDS

MODEL : SASA-001



Weight : 615gms (with aluminium snap hook)
736gms (with coated steel snap hook)
Compliance : CE 0082 and EN 355
Width : 12mm
Material : Nylon three strand weave
Breaking strength : 2,380kgf
Secure Attachment : aluminium or steel snap hook

MODEL : SASA-002



Weight : 565gms (with aluminium snap hook)
676gms (with coated steel snap hook)
Compliance : CE 0082 and EN 355
Width : 22.5mm
Breaking strength : 0.73N/Tex
Secure Attachment : aluminium or steel snap hook

GUIDED TYPE FALL ARRESTOR WITH FLEXIBLE ANCHOR SYSTEM

This advanced fall arrest system incorporates both a built.in karabiner and shock absorbing lanyard. Ideal for difficult working conditions where worker safety is the key to success.

Complies with : CE 0082 EN 353-2:2002
Must be used with 16 Ø life line
Minimum tensile strength : 22KN
'Snag Free'SM movement in the case of accidents.



WORK POSITIONING SYSTEM

The Work positioning system of Seong An Save are designed to minimize the risk of harms being caused from the danger of falling from heights. The Work positioning systems have been tested in accordance with EN 358:1999 and then have been provided to comply with all requirements of the above referenced directive and harmonized European standard.

The Work positioning system shall be designed to either secure the user safely in position at the point of work (work positioning), or prevent the user from reaching a position where a fall can occur(restraint)

It can be used for working at a height where the provision of work platform, barriers, cable structure and others safe areas are available. It can also used with full body harness as combined. Our belt and lanyard can work together connected by the 2-Drings attached on belt.

WORK POSITIONING BELT

Model : SAW-1001

Standard : CE0086 EN-358

The Belt made of Nylon webbing 50mm width
D-rings and release buckles are chrome plated steel.
Static Strength : 15KN



WORK POSITIONING LANYARD



Work positioning Lanyard

Rope made of Nylon-strand three weave 16mm.

Rope grab and connectors are chrome plated steel

Static Strength : 15KN

Standard : CE0082 EN-358

RETRACTABLE TYPE FALL ARRESTER (SAFETY BLOCK)

Seong An Save Retractable Fall Arrester (Safety Block).

Designed to protect and support workers in a wide range of difficult and dangerous situations.

Features a nexus, single point connection systems are available with either 20M or 30M cables.

Supplied with positive lock harness connection and karabiner for ease of mounting.



EAR MUFF



Model : SAEH-2004

Cantilevered lightweight head harness.

Advanced design emphasises user comfort.

Cushioned ear muffs and balanced design make the SAEH-2004 the ideal choice for positive protection in noisy areas.



Model : SAEA-2004

Safety helmet with mounted ear muffs.

Integrates with most helmet mounted ear muffs and safety helmets (hard hats).

Advanced design emphasises user comfort.

Cushioned ear muffs and balanced design make the SAEA-2004 the ideal choice for positive protection in noisy areas.

Since 1969

The  **SEONG AN SAVE CO., LTD.**

318-2, Yangjeong-2-Dong, Busanjin-Gu, Busan, Korea

Tel : +82-51-853-3200 Fax : +82-51-867-7545

website : www.theseda.com