User Instructions of Industrial & Construction Protective Helmet SF-06B

INTRODUCTION

The range of helmets have been designed to provide head protection to comply with CE and ANSI standard. They offer protection to the wearer against falling objects and consequential brain injuny and skull fracture.

Product Specification

Production name	Industrial safety helmet	Material of shell	ABS
Model number	SF-06B	Temperature	-20℃ to 50℃
Size range	53 - 63 cm	Comply to International Standard	EN397:2012+A1:2012 ANSI/ISEA Z89.1-2014 TYPE I CLASS C

WARNINGS

Read and understand all warnings and information contained in these instructions. Refer to these User Instructions before and after each use. Please contact manufacturer if you have any additional questions regarding the safety and use of this equipment.

WARNING!

- Manufacturer , its affiliates, subsidiaries, importers, distributors and dealers will accept no responsibility in the event of an accident leading to injury or death and shall not be liable for any injury, death, loss, or damage resulting from improper use of this helmet.
- This helmet is not designed to provide protection from the following hazards: non-ionizing radiation, ionizing radiation, external radiation or any condition not expressly stated in this use information.
- This helmet has no electrical insulation rating. DO NOT USE THIS HELMET IN AN ELECTRICAL HAZARDOUS ENVIRONMENT.
- Compatible components specific to this helmet and approved by the manufacturer may be added if the safety functions are not compromised. See the Repair/ Replace/ Obsolescence section for information on those topics.
- The helmet is designed to absorb shock by partial destruction of the shell and liner. This damage may not be visible. If subject to severe impact or deterioration, the helmet should be retired and destroyed, even if it is apparently undamaged.
- Safety intended to be provided by the helmet can only be ensured when it is properly assembled and correctly fitted, and that removable parts shall not be worn separately.
- Use this helmet exclusively for the activities for which it is certified and in strict accordance with all applicable regulations under the authorities having jurisdiction in the region where your work is performed.
- No helmet can protect the wearer against all possible impacts. For maximum protection, the helmet must fit firmly on the head, and all retention straps must be securely fastened.
- Most performance properties of these products cannot be tested by the user in the field.

- There are innumerable wrong uses possible, 'it s not feasible to describe them all.

The helmet SF-06B is designed to protect the head of the user from objects that might hit his head in the Construction& Industrial,

The helmet must be used exclusively in the applications mentioned by the manufacturer as below

FITTING & USE

Head sizes between 53- 63 cm will normally be adjustable by rotating the nape ratchet. Smaller head sizes may require a downsizing kit. For smaller head sizes, the position of the headband can be adjusted by changing the linking straphangers, which position the headband in four positions inside the helmet. The integrity, fit, and proper assembly of the helmet, suspension, and chinstrap must be checked before each use. Your safety depends upon the proper fit of your helmet and proper use of all features and components.

The system included in the harness, plastic cradle straps, textile chin straps shall be adjusted so that the helmet perfectly suits at the user's head, The helmet is made to absorb the energy of a blow by partial destruction or damage to the shell and the harness, and even though such damage may not be readily apparent, any helmet subjected to severe impact should be replaced.

HOW TO WEAR&ADJUST IT

Adjusting the Size to Fit Your Head:

Ratchet Adjustment: Rotate ratchet control knob on the back of the helmet to expand or contract band to provide comfortable but firm fit. A correctly adjusted headband should fit the user's head securely before adjusting the chinstrap.

Helmets with Cradle Systems:

The cradle system clicks directly to the helmet shell and can be replaced when necessary. There are 2 height adjustments possible.

Adjusting the textile Chinstrop:

If the helmet is fitted with a three point chin strap the nape strap connectors with the chin strap should rest under the ears and with the nape strap pulled tight. In this configuration the snap clip buckle will be located on the left hand side. Always keep the chin strap secured properly while wearing.

Insert the buckle into the mating clip until both 'snap' together with a 'clicking' sound.

Pull the free strap at the buckle end to desired tightness.

For 3-point chinstrap, pull the nape adjustment strap behind the ear to desired tightness.

For 4-point chinstraps there are 2 nape adjustment strap buckles that need to be tightened.

CLEAN AND MAINTENANCE

This section identifies the best practices you should use to clean, prevent damage, prolong the life and maintain high safety standards for your helmet.

Clean and disinfect the safety helmet shell and suspension with mild soap and lukewarm water. Do not use paints (unless approved in writing by us), solvents, chemicals, adhesives, gasoline or like substances on this helmet. Such substances may destroy the impact resistance and other protective properties of the

helmet without being apparent or readily detectable by the user.

CLEANING

Clean your protective helmet after each use or whenever your helmet has become soiled. You may clean your helmet with or without the components.

- Choose a utillty sink that is specifically used for cleaning protective gear; do not use a kitchen sink or other sink used for personal products.
- Remove the neck protectors and chinstraps and wash separately using the instructions provided below.
- Brush off any loose debris.
- Fill the utility sink with warm water no hotter than 40℃.
- Use only mild detergents in the recommended amount on product.
- Scrub the exterior of the helmet gently using a soft bristle brush.
- Inspect the helmet and, where necessary, rewash any portions of the helmet that do not appear clean, or contact manufacturer for more information.
- Dry the helmet by air drying it in a well ventilated area, but not in direct sunlight. Do not force dry the helmet with a hair dryer, or place it over a heating duct or radiator. Forced drying may cause damage to the helmet suspension.

DECONTAMINATION

Proper decontamination of your protective helmet will depend on the type and extent of contamination. If your protective helmet has become contamingted with blood, body fluids, chemicals or other hazardous substances, immediately isolate your helmet and remove it from service, taking care not to cross-contaminate other clothing items. Immediately inform your supervisor, department, or organization. Do not wear a helmet that was contaminated until verification has been provided that it is free from contamination.

STORAGE

Use the rear storage hook (where fitted) and if possible store out of direct sunlight especially behind glass or in vehicles during high summer temperatures. Helmet trim and some paint colors can be affected by ultra-violet light.

DO NOT sit on the helmet, pack it too tightly, drop it, let it come in contact with sharp objects or chemicals, or expose it to UV rays or hot temperatures for an extended period of time, such as in a hot car. Avoid extreme cold temperatures which can cause plastic to become brittle and crack. If any of these do happen then inspect helmet and discard if necessary.

PRODUCT LIFETIME

Helmets can be expected to remain in service for 30 months or more, when it is not damaged during use. The actual service life of these helmets may be much more or less than 30 months and should be based largely on the results of frequent inspection and use history. Material integrity and product performance characteristics will degrade over time. Manufacturer recommend that you thoroughly inspect your equipment before each use and at a minimum at least once every 6 months. Specialized training may be required to become competent with inspecting equipment and knowing when to retire your equipment. The best way to know when a change has occurred with your helmet is to implement frequent detailed inspections before

each use.

A significant event with the potential to change the product should prompt you to consider retiring the product immediately even if before or after only one use. Factors that may affect the safety of a helmet depends on the type and frequency of usage (light to heavy), the environment including harsh environments with extremely hot or cold temperatures, marine (salty or highly corrosive) environments, contact with harsh industrial chemicals, contact with sharp edges, etc. ABS can become dry and brittle, textiles can lose heat protection capability due to carbonization or being dirty, plastics can weaken in areas, small cracks can form, etc.

CONTROL BEFORE USING IT

Before using it, the helmet must be controlled to detect cracks, cuts or other damages, In case of any anomaly, the helmet should be replaced, The helmet undergoing a strong impact must be replaced even though it does not show any damage, Before wearing the helmet always control that the system includes the harness are attached to the fixing points and that it is well worn so to ensure the shock absorption, Do not use the helmet after 30 months.

Keep all product tags, warnings and user instructions stored with the helmet. Make sure that all labels on the inside of the helmet remain readable for the lifetime of the helmet. If possible, take a picture of the new product to use as guidance for all future inspections. Create an Equipment Inspection Log for each piece of equipment that should be completely filled out with the inspection results. An example of an Equipment Inspection Log and the important documented contents is provided in these instructions. Make your own inspection document with the same contents if necessary.

INSPECTION

Inspect your protective helmet prior to its first use and before every use. Prior to using the helmet for the first time, ensure that the helmet does not have any construction flaws, is completely and properly assembled, and was not damaged when being put into service. Good judgment, as well as proper care and inspection, are key to making personal decisions regarding the retirement of your helmet. Following tell-tale signs may be used as a guide: large crack lines across the helmet shell, chipping of the shell surface with a diameter of 20mm across, white delamination mark on the inside, and dramatic discoloration of shell color following prolonged exposure to extreme heat. If these conditions exist, alert your supervisor of your department or organization to make a determination on the continued serviceability of your protective helmet.

BEFORE EACH USE, LOOK AND FEEL TO INSPECT YOUR HELMET FOR:

- Soiling: Do not use helmets that are not thoroughly cleaned and dried.
- Contamination: blood, body fluids, chemicals or other hazardous substances.
- Shell: physical damage such as cracks, dents, and abrasions.
- Shell: thermal damage such as bubbling, soft spots, warping, and discoloration.
- Headband covers: physical damage such as rips, tears, and cuts.
- Headband covers: thermal damage such as charring, burn holes, and melting.
- Headband covers: loss of seam integrity and broken or missing stitches.
- Suspension and retention systems: damaged or missing components

STORAGE

Store the helmet in clean and dry place at a normal room temperature, in an uncontaminated area where it is no going to be damaged. When not in use or during transportation, this helmet should be stored in a container with paper or foam cushion to avoid damage.

REPAIR / REPLACE / RETIREMENT

Some components on your helmet can be replaced. Contact us for replacement parts and for any questions on proper assembly of replacement parts.

Note: Minor scratches or cracks in the paint surface will not affect the performance of the helmet.

Repair If:

- The shell is permanently stained by carbon or chemicals.
- The painted surface slightly scratched.
- There is surface damage only.

In these cases the shell can be restored to use by warm wet sanding to remove the stains, scratches and surface damage.

Severely Damaged Helmets

Destroy the helmet and replace it at any time where damage is evident that may affect your safety, or when the helmet may no longer comply with the standard to which it was manufactured.

Dropping the helmet on to a hard surface from reasonable heights (>1m) may damage the paint, and the shell laminate. Small scratches or marks on the painted surface are unlikely to affect the performance of the helmet. When surface cracks show through to the inside of the helmet shell, the integrity is severely compromised.

Destroy The Shell and Replace If:

- The shell shows signs of major laminate failure/breakage. This will either take the form of deep indentations from falling objects or major crushing. It can also be seen as a 'whitening' of laminate in impact area when the inside of the shell is inspected.
- The brim area has severe crack lines or flexes abnormally.
- The helmet has obviously suffered excessive heat or burning. This includes any charring of the paint or helmet substrate. Charring is described as an actual burnt area or surface damage, which cannot be repaired by sanding or repainting.
- There is visual sign of acid or chemical residue which may damage the shell paint or substrate.
- The shell shows signs of distortion to its shape. This can be seen as 'sagging' or 'drooping' when it is compared to a new helmet. This type of damage is most unlikely in these specific helmet shells, as the shell does not melt, even in extreme temperatures.
- If this helmet cannot be properly adjusted.
- If any part of the helmet does not pass inspection.

SPARE PARTS &ACCESSORIES

The spare Parts and accessories are available for this helmet. Helmets should not be adapted for the purpose of fitting attachments in any way not recommended by the helmet manufacturer.

CAUTION

Do not alter, modify tamper the helmet, Never use the helmet when it is showed cracks or cuts, Never apply

varnishes on the helmet, The use of helmet shall be limited to the industrial and building, Never use this helmet in the electrical area.

The manufacturer declines any responsibility for an improper use

LABEL OF HELMET

Production name	Industrial safety helmet		
Model number	SF-06B		
Size range	53 ~ 63 cm	Material of shell	ABS
Complied to International Standard	EN397:2012+A1:2012 ANSI/ISEA Z89.1-2014 TYPE I CLASS C	Temperature	-20°C to 50°C

Declaration of Conformity

EU type examination(2016/425/EU, module B) of this product was performed by:

CCQS Certification Services Limited
Block 1 Blanchardstown Corporate Park, Ballycoolin Road, Blanchardstown, Dublin15, D15 AKK1,Ireland
Website: www.ccqs.co.uk
Notified Body number: 2834

Testing to ANSI/ISEA Z89.1-2014 type 1 Class C carried out by :

UL LLC
333 Pfingsten Road, Northbrook, IL, 60062, United States
Website: http://www.ul.com/
Issued test report number: 479017507

Product Structure Diagram

Equipment Inspection log

Item	Model	Purchase Date	Date Put Into Service	Serial No.
	SF-06B			

Date used	Use/ maintenance	Comments	name