























SAFETY, OPERATING AND MAINTENANCE MANUAL FOR AZURE SPEARGUNS

CAREFULLY READ THIS MANUAL BEFORE USE, AND KEEP IT FOR FUTURE REFERENCE. ALWAYS FOLLOW THE INDICATIONS AND INSTRUCTIONS OF THIS MANUAL. THE SAFETY, OPERATING AND MAINTENANCE INSTRUCTIONS CONTAINED IN THIS MANUAL ARE CRUCIAL FOR ASSURING YOUR OWN SAFETY, AND THE SAFETY OF OTHERS. FAILURE TO FOLLOW THESE INSTRUCTIONS AND WARNINGS COULD RESULT IN SERIOUS INJURY OR EVEN DEATH TO YOURSELF OR OTHERS. IN THIS CASE “AZURE” IS NOT RESPONSIBLE FOR ACCIDENTS TO PERSONS, PROPERTY, OR ANIMALS.

-  THE IMPROPER USE, THE LACK OF FOLLOWING THE SAFETY INSTRUCTIONS AND THE IMPROPER OR INADEQUATE MAINTENANCE OF THE SPEARGUN CAN CAUSE A HAZARDOUS SITUATION WHICH IF NOT AVOIDED, MAY RESULT TO SERIOUS INJURY OR DEATH. THE SAME MAY OCCUR FROM TAMPERING AND/OR MODIFYING THE MECHANISMS AND COMPONENTS OF THE SPEARGUN. “AZURE” IS NOT RESPONSIBLE FOR ACCIDENTS TO PERSONS, PROPERTY, OR ANIMALS, ARISING FROM PRODUCTS THAT HAVE BEEN TAMPERED, MODIFIED, IMPROPERLY USED, INADEQUATE MAINTAINED, UNSAFELY OPERATED, DAMAGED, OR IMPROPERLY COMBINED WITH OTHER COMPONENTS OR MATERIALS.
-  SPEARGUNS, SPEARFISHING, AND ALL RELEVANT SPEARFISHING EQUIPMENT, MUST BE USED BY PERSONS WHO HAVE RECEIVED ADEQUATE TRAINING BY PROFESSIONALS, AND ARE OWNERS OF THE APPROPRIATE CERTIFICATE AND LICENSES.
-  SPEARGUNS, AND ALL SPEARFISHING EQUIPMENT MUST BE USED BY PERSONS WHO ARE MENTALLY AND PHYSICALLY CAPABLE OF OPERATING THEM IN A SAFE AND PROPER MANNER.
-  THE USE OF SPEARGUNS IS FORBIDDEN TO PERSONS UNDER 18 YEARS OLD. PLEASE REFER ALSO TO YOUR COUNTRY’S CURRENT LEGISLATION CONCERNING THE USE OF SPEARGUNS BY PEOPLE OLDER THAN THE AGE OF 18.
-  SPEARGUNS MUST BE USED ONLY FOR UNDERWATER FISHING.
-  SPEARGUNS MUST BE LOADED AND USED ONLY UNDERWATER. NEVER LOAD AND NEVER FIRE THE SPEARGUN OUTSIDE THE WATER, AS THERE IS THE RISK OF SERIOUS INJURY OR EVEN DEATH TO YOU OR TO PEOPLE NEARBY OR TO ANIMALS.
-  NEVER CARRY A LOADED SPEARGUN OUTSIDE WATER.
-  SPEARGUNS MUST BE FIRED ONLY UNDERWATER, AND ONLY DURING AIMING AT THE TARGET FISH, MAKING SURE THAT THERE IS NOBODY (NO OTHER PEOPLE) BEHIND THE TARGET.

-  NEVER FIRE IN AREAS OF POOR UNDERWATER VISIBILITY.
-  NEVER LOAD AND NEVER USE THE SPEARGUN IN AREAS WHERE OTHER PEOPLE ARE SWIMMING CLOSE TO YOU.
-  NEVER FIRE IN THE DIRECTION OF OTHER PEOPLE OR OBJECTS.
-  NEVER TURN THE SPEARGUN TO PEOPLE, OR TO YOURSELF, EVEN IF IT IS NOT LOADED.
-  DO NOT HANG A LOADED SPEARGUN ON THE FLOATING BALLOON.
-  NEVER LEAVE A LOADED SPEARGUN UNATTENDED.
-  TO AVOID INJURY FROM RECOIL, FIRE THE SPEARGUN WITH THE ARM FULLY EXTENDED AND FIRMLY LOCKED IN PLACE. USE YOUR SECOND HAND TO FIRMLY HOLD THE BACK END OF THE SPEARGUN (RUBBER BUTT) BEFORE FIRING.
-  FOR SAFE CARRYING OF THE SPEARGUN ON THE FLOATING BALLON OR OUT OF THE SEA, ALWAYS PLACE THE TIP PROTECTOR ON THE SPEAR HEAD AND ALWAYS UNLOAD THE RUBBER BANDS.
-  AVOID DROPPING THE SPEARGUN ON SAND, AS THIS MAY CLOG THE TRIGGER MECHANISM AND RESULT IN MALFUNCTION AND IN UNSAFE CONDITIONS.
-  WHEN LOADING/UNLOADING THE SPEARGUN, ALWAYS WEAR THE PROPER GLOVES TO AVOID INJURY TO YOUR HANDS IN CASE OF MISPLACEMENT OR DISENGAGEMENT OF THE WISHBONE FROM THE SPEAR.
-  WHEN YOU ARE SPEARFISHING, NEVER TURN THE SPEARGUN TOWARDS YOUR PARTNER, TOWARDS YOURSELF, OR TO OTHER PEOPLE.
-  WHEN YOU ARE HOLDING THE SPEARGUN, NEVER PLACE THE SPEARGUN'S FRONT PART OR SPEAR TIP, TOWARDS OR AGAINST YOUR BODY OR OTHER PEOPLE.
-  BEFORE LOADING THE SPEARGUN'S RUBBERBANDS ON THE SHAFT, ALWAYS MAKE SURE THAT THE SHAFT IS FIRMLY LOCKED IN THE TRIGGER MECHANISM.
-  YOU ARE RESPONSIBLE TO KNOW AND ABIDE BY YOUR COUNTRY'S LAWS AND REGULATIONS REGARDING SPEARGUN FISHING. YOU ARE ALSO RESPONSIBLE TO KNOW WHICH ARE THE MARINE RESERVES AND PROTECTED SPECIES OF THE AREA YOU FISH.

 **ATTENTION:**

Always use a compatible spear with the speargun. The compatibility of the spear with the trigger mechanism depends on the maximum and minimum height of the spear's edge, the length, tolerance

and generally the geometry of the spear tail. A non-compatible spear, does not guarantee the safe holding by the trigger mechanism, so it can be released and fired suddenly without pressing the trigger, resulting in serious injury or even death to yourself or others. The same may occur if a compatible spear has been used too many times, and the metallic tip of the engaging tail has been worn off.

On regular intervals it is extremely necessary to inspect the engaging tail and the spear dents for any deformations, wear, corrosion and cracks that may be caused by pressing, hits, extensive or improper use, or by the use of the extractor. The use of a spear of this kind must be absolutely avoided. Also avoid tampering or modifying the factory tail of the spear, as this will definitely affect the proper and safe operation of the trigger mechanism. "Azure" does not recommend the usage of extractors, so in case that the "extractor" tool is utilized, it is mandatory the replacement of the spearshaft with a new compatible one.

MANDATORY PRECAUTIONS:

Before using the speargun for the first time, and before using it in normal operation (before every spearfishing session), always check the following:

- ⚠ Check that the speargun is in perfect condition and does not show any signs of damages or cracking caused by the shipping, transportation or operation. Any irregularities must be reported back to us and the speargun must not be loaded or used.
- ⚠ Check the correct operation of the trigger mechanism. Place the spear on the groove, and push it to hear the distinctive clicking sound, meaning that the shaft has been engaged to the trigger. Then pull by hand the spear outwards and check that there is minimum (almost zero) tolerance between the spear and the trigger mechanism. Upon extensive use, the trigger mechanism will worn out and result in unsafe conditions and misfire. In this case, or when in doubt, the speargun must be shipped back to "AZURE" and the trigger mechanism must be replaced by a new one.
- ⚠ Check the condition of the engaging tail of the spear for any deformations or cracks. In case the tail is deformed or cracked, the spear must be replaced by a new compatible one. The same check should be done to the spear's "sharkfins" and spear body.
- ⚠ Check that the powerbands and wishbones are correctly fixed in place. The wishbone pins must be firmly secured, and the wishbone itself must not have signs of wear. Otherwise must be replaced.
- ⚠ Check the good condition of the powerbands: in particular check for signs of cracking, damage or splitting, and make sure they are not coming apart at the ends. If this is the case, replace them immediately.
- ⚠ Check that the shooting line is correctly fixed to the speargun and to the spearshaft.
- ⚠ After use, and before putting the speargun away, always fit the tip protector on the spearshaft.
- ⚠ In the event of a malfunction, do not attempt to repair the speargun by yourself. Always contact an authorized "AZURE" dealer.

OPERATING INSTRUCTIONS:

1. LOADING THE SPEARGUN UNDERWATER:

- ⚠ Always wear the appropriate spearfishing gloves, and spearfishing suit equipped with the speargun loading pad.

- a. Position the spearshaft under the powerbands on the speargun groove, and slide it by hand towards the trigger mechanism. Then **push firmly** the spear to engage to the trigger (there is a distinctive clicking sound). Push and pull the shaft to insure that the trigger has been engaged and the spear is locked in place. If not, re-arm the mechanism.
 - ❗ **Do not bang the spearshaft into position**, as this may damage the trigger mechanism.
- b. Wind-up the shooting line at the tip of the speargun body (holding the spearshaft in position) and hook it to the automatic line-releaser. Then the line should be tensioned by turning and tightening the reel. For long shots, the shooting line can be winded two times around the speargun metallic pins and the line releaser. For ease of understanding, these steps are illustrated in the following figures.
- c. Load the powerbands underwater (at this position the speargun must not be pointing to any people close by) by first placing the speargun rubber butt against your chest or near your stomach area, on the appropriate pad of your suit. Take the powerband by both hands and pull it until the wishbone hooks on to the first, second or third sharkfin of the spearshaft. In the same manner a second or more powerbands can be loaded on the sharkfins. The number, length and size of the powerbands that can be loaded, always depends on the speargun model. For the roller models, turn the speargun to face the backside, and hook the wishbone of the powerband at the first groove (near the speargun head). Then turn it to face the front side and load the powerband in the same way as is described before. Then turn again the speargun facing the backside, and load in the same way the powerband in the second groove, to gain more power.

2. UNLOADING THE SPEARGUN UNDERWATER (WITHOUT FIRING):

- ⚠ Always wear the appropriate spearfishing gloves, and spearfishing suit equipped with the speargun loading pad.
- a. Position the speargun rubber butt against your chest or near your stomach area on the appropriate pad of your suit (at this position the speargun must not be pointing to any people close by).
 - b. Pull the powerband by both hands towards you, and disengage the wishbone from the sharkfin of the spear shaft. Then do not release it suddenly, but slowly until the bands reach the initial length.
 - c. If the speargun is equipped with more powerbands, repeat the same procedure.


MAINTENANCE:

- ❗ **After use, always rinse the speargun and its components, with plenty fresh water. Rinse thoroughly the trigger mechanism and reel.**
- ❗ After rinsing with water, leave the speargun in a well aerated place to dry.
- ❗ Do not store the speargun in plastic bags, air sealed cases or containers.
- ❗ The powerbands should be replaced at least once per year, or in case of having signs of cracking, damage or splitting, replace them immediately.
- ❗ The spearshaft must be replaced upon excessive use, meaning that the engaging tail of the spear or the engaging “sharkfins” have signs of wear, have been deformed or have small cracks. If the extractor has been used to release the spearshaft from a blockage (for example if blocked inside rocks, in the seabed, etc), it is mandatory for safety reasons to replace the spearshaft with a new one. There is a high probability that the engaging tail will crack or will deform, when the

extractor is used, and during powering the shaft will be released from the trigger mechanism (backfire). For this reason Azure forbids the usage of extractors.

- If the speargun is coated with teak oil, it should be frequently refinished with teak oil. Apply teak oil with a dry cloth, to obtain a smooth surface finish. Scratches can be removed by polishing with a very light sandpaper, and refinishing with teak oil.
- If the speargun is coated with the “AZURE” special marine resin, there is no need for any refinishing actions. For any small scratches, teak oil can be applied by the user. However, if the speargun has been heavily scratched, can be totally refurbished and re-polished with new resins at the “AZURE” factory. Prior to communication, the speargun can be sent to the “AZURE” headquarters address for refurbishment.
- ❗ The trigger mechanism, upon extensive use can be worn out. This can affect the proper and safe function of the trigger release system and result in unsafe conditions. In this case, the trigger mechanism must be replaced by a new one. In normal use, the trigger mechanism must be replaced every four to five years or sooner when in doubt. In extensive use (all year round), must be replaced every 3 years, for safety reasons. The same occurs for the spearshaft (see also page #2 “Attention”), unless wear to the engaging tail or deformations or corrosion or cracks are detected which means immediate shaft replacement. Failure to replace these metallic parts may result to unsafe conditions. In case of doubt, the condition of these parts can be checked and assessed by “AZURE” if asked.
- All components of the speargun can be replaced. This includes the wooden handle in case of breakage/damage.
- ❗ ALL SERVICE AND MAINTENANCE OPERATIONS (EXCLUDING THE ABOVE FIRST 6 STEPS) MUST BE CARRIED OUT ONLY BY “AZURE”.

Symbols used

 Indicates danger. Indicates also hazardous, unsafe and dangerous situations that can imperil the safety and integrity of people. Indicates the obligation of every user for understanding and applying the measures and precautions that are described, in order to avoid such dangers.

 Indicates procedures to adopt in order to avoid dangerous situations, damages to people, animals or things, and to avoid compromising the product integrity and product safety characteristics.

 Indicates particularly important information that the user must follow and apply.

TAKE CARE...DIVE SAFELY

The "AZURE" Team

ANNEX

Steps for proper speargun set-up

1. Always use shafts equipped with sharkfins. The line is preferable to be attached on the sharkfin (photo #1).
2. The line must pass under the line guide and between the shaft and the second line guide (photo #2).
3. The line from the second line guide is pulled towards the line release mechanism (photo #3).
4. The line from the line release mechanism (photo #4) is pulled through the third line guide (photo #5) and is tensioned by using the reel. For double shooting length, the line can pass again from the line release mechanism and under the third line guide, and then tensioned by the reel. In photos #4 & #1, the line is double passed from the line release mechanism.



Photo #1



Photo #2



Photo #3



Photo #4

Photo #5

5. In the following pictures is shown the proper attachment of the wishbones (rope or metallic) on the spearshaft sharkfins.

