

# Part 573 Safety Recall Report

# 18E-005

**Manufacturer Name :** Fuel Helmets

**Submission Date :** MAY 01, 2018

**NHTSA Recall No. :** 18E-005

**Manufacturer Recall No. :** NR



## Manufacturer Information :

**Manufacturer Name :** Fuel Helmets

**Address :** 1819 Saint George Street  
Green Bay WI 54302

**Company phone :** 8553553835

## Population :

**Number of potentially involved :** 15,003

**Estimated percentage with defect :** 100 %

## Equipment Information :

**Brand / Trade 1 :** FUEL HELMETS

**Model :** SH-HHGL16

**Part No. :** SH-HHGL16

**Size :** LARGE

**Function :** NR

**Descriptive Information :** Working on Final answer

**Production Dates :** APR 01, 2014 - JAN 08, 2015

**Brand / Trade 2 :** FUEL HELMETS

**Model :** SH-HHGL1

**Part No. :** SH-HHGL14

**Size :** SMALL

**Function :** NR

**Descriptive Information :** Working on Final answer

**Production Dates :** APR 01, 2014 - JAN 08, 2015

**Brand / Trade 3 :** FUEL HELMETS

**Model :** SH-HHGL15

**Part No. :** SH-HHGL15

**Size :** MEDIUM

**Function :** NR

**Descriptive Information :** Working on Final answer

**Production Dates :** APR 01, 2014 - JAN 08, 2015

Brand / Trade 4 : FUEL HELMETS

Model : SH-HHFL64

Part No. : SH-HHFL64

Size : SMALL

Function : NR

Descriptive Information : Working on Final answer

Production Dates : APR 01, 2014 - JAN 08, 2015

Brand / Trade 5 : FUEL HELMETS

Model : SH-HHGL17

Part No. : SH-HHGL17

Size : XLarge

Function : NR

Descriptive Information : Working on Final answer

Production Dates : APR 01, 2014 - JAN 08, 2015

Brand / Trade 6 : FUEL HELMETS

Model : SH-HHFL65

Part No. : SH-HHFL65

Size : MEDIUM

Function : NR

Descriptive Information : Working on Final answer

Production Dates : APR 01, 2014 - JAN 31, 2015

Brand / Trade 7 : FUEL HELMETS

Model : SH-HHFL66

Part No. : SH-HHFL66

Size : LARGE

Function : NR

Descriptive Information : Working on Final answer

Production Dates : APR 01, 2014 - JAN 31, 2015

Brand / Trade 8 : FUEL HELMETS

Model : SH-HHFL67

Part No. : SH-HHFL67

Size : XLARGE

Function : NR

Descriptive Information : Working on Final answer  
Production Dates : APR 01, 2014 - JAN 31, 2015

## Description of Defect :

Description of the Defect : Fuel Helmet company has multiple third party DOT testing on file, all showing that this helmet passed inspection/testing. In working with the factory to further enhance the helmet model, it was found an enhancement could be made to the metal connector ring inside the leather stitching that connects the chin strap. The model of chin strap bracket was an injection pressure connector. The factory used a casting mold metal connector made with alloys which may effect the hardness of the connector. In order to enhance the helmet and its function, a change was made to higher density piece.

FMVSS 1 : 218 - Motorcycle helmets

FMVSS 2 : NR

Description of the Safety Risk : In the event of a crash, this helmet may not provide adequate protection to the wearer, possibly resulting in injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : In the event of a crash, while unlikely, this helmet may not provide adequate protection to the wearer, possibly resulting in injury. The metal strap connector ring could break under extreme stress.

## Supplier Identification :

### Component Manufacturer

Name : Zhejiang Bio Industrial & Trade Co., Ltd

Address : 1269 QiuBin Distric  
Jinhua City FOREIGN STATES 321016

Country : China

## Chronology :

- JANUARY 12, 2012 HHGL66 ACT DOT TEST PASS
- JULY 19, 2012 HHFL66 ACT DOT TEST PASS
- JANUARY 9, 2015 HHGL6 (SIZE MEDIUM) ACT DOT TEST PASS
- DECEMBER 2015: FUEL UNDER NEW OWNERSHIP
- SEPTEMBER 22, 2016: NHTSA notified FUEL of the failed DOT test. HELMET MANUFACTURER DATE APRIL 2014
- APRIL 10, 2017 HHFL66 (SIZE LARGE) SGS TEST PASS
- DECEMBER 13, 2017 HHGL14 (SIZE SMALL) ACT DOT TEST PASS

- JANUARY 17, 2018 CONFERENCE CALL WITH DOT TO DISCUSS A VOLUNTARY RECALL
- FEBRUARY 6, 2018 ZHEJIANG BIO INDUSTRIES & TRADE COMPANY., LTD; provided their investigation of the Half Helmet retention strap failure. The cause of the failed test was determined to be the the metal connector that connects the chin strap to the helmet.
- APRIL, 2018 FOLLOW-UP CALL WITH THE DOT TO DETERMINE RECALL TIMELINE & HELMETS AFFECTED.
- APRIL 11, 2018 Fuel Helmets: Recall all helmets made between April 2014 – January 2015; even though all of our third party DOT tests passed the retention test.

## Description of Remedy :

Description of Remedy Program :	Fuel Helmet Company will establish measures in place to insure customers who have a helmet affected by this recall able to receive a replacement helmet. Customer service phone and email contact points will be put in place to insure ease of contact and customer service.
How Remedy Component Differs from Recalled Component :	The metal connector that the factory is using is a higher quality metal connector that the old one that previously was used
Identify How/When Recall Condition was Corrected in Production :	After we informed Zhejiang Bio Industrial & Trade Co. in October 2016 of the retention test fail, the factory made the metal connector improvement described above. The change was made in January 2017.

## Recall Schedule :

Description of Recall Schedule :	NR
Planned Dealer Notification Date :	NR - NR
Planned Owner Notification Date :	NR - NR

## Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : Fuel Helmets  
Address : 1819 Saint George Street  
Green Bay WI 54302  
Country : US  
Company Phone : 9202423700

\* NR - Not Reported