

Part 573 Safety Recall Report

24E-039

Manufacturer Name : Nexxpro - Fabrica de Capacetes, S.A.

Submission Date : MAY 23, 2024

NHTSA Recall No. : 24E-039

Manufacturer Recall No. : NR



Manufacturer Information :

Population :

Manufacturer Name : Nexxpro - Fabrica de Capacetes, S.A.

Number of potentially involved : 18

Address : Zona Industrial Amoreira da Gandara

Estimated percentage with defect : 100 %

Lote 11 - Amoreira da Gandara -

Anadia Anadia 00 3780-024

Company phone : 231590010

Equipment Information :

Brand / Trade 1 : NEXX

Model : X.G10

Part No. : 01XGJ2320055100M

Size : M

Function : Safety

Descriptive Information : The recall population was determined taking into account that, for the small shell of model X.G10, we could produce three different sizes: M (medium), S (small) and XS (extra small). This leads us to a potential number of involved parts of 18 helmets (12 medium and 6 small size)

The root cause for the failure was the non-use of an extra carbon layer of 200g/sqm, used to avoid failures during the penetration test and double impact tests.

Production Dates : APR 23, 2018 - JAN 31, 2019

Description of Defect :

Description of the Defect : During a Safety Compliance Testing for FMVSS No. 218 Motorcycle Helmets, all of the 4 tested samples failed on the penetration test.

FMVSS 1 : 218 - Motorcycle helmets

FMVSS 2 : NR

Description of the Safety Risk : In case of accident, safety of the motorcyclist is compromised (eventually serious injury or death)

Description of the Cause : The root cause for the failure was the non-use of an extra carbon layer of 200g/sqm, used to avoid failures during the penetration test and double impact tests.

Identification of Any Warning that can Occur : -

Involved Components :

Component Name : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : Nexxpro - Fábrica deCapacetes, S.A.

Address : Z.I. Amoreira da Gandara

Lote 11 Anadia Foreign States 3780-024

Country : Portugal

Chronology :

Once reported the failure detected during a Safety Compliance Testing for FMVSS No. 218 Motorcycle Helmets (dated 23 April 2021), it were checked all the production records related with model X.G10, since year 2018 to 2022.

According to existing records, in the work instruction (applicable for molding fabrication process and small size shell) there is no information regarding the need of using carbon layer 200g/sqm on helmets to be produced for US market. For EU there is no such need.

The work instruction was in force since march 2018 till February 2019, leading us to conclude that all the small size shells produced in that time period were non-conforming with US regulation (FMVSS No. 218 Motorcycle Helmets).

It were produced shells on April 2018, November 2018, December 2018 and January 2019.

For the medium and large shells, the WI were accordingly. The work instruction for the small shells was updated in February 2019.

Description of Remedy :

Description of Remedy Program : Remedy Program.

1- work instruction updated in February 2019;

2 - COP program of helmets checked on routine testing.

Manufacturer's plan for reimbursement.

1- replacement with new helmets.

How Remedy Component Differs from Recalled Component : In the remedy component it was used, since February 2019, the extra carbon layer with 200g per sqm.

Identify How/When Recall Condition was Corrected in Production : How.

1- updated work instruction (February 2019);

2- routine testing (since 2019 till 2022).

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : MAY 23, 2024 - JUN 14, 2024

Planned Owner Notification Date : JUN 14, 2024 - JUN 30, 2024

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 : NR

Address : NR

NR

Country : NR

Company Phone : NR

* NR - Not Reported