

Test Report

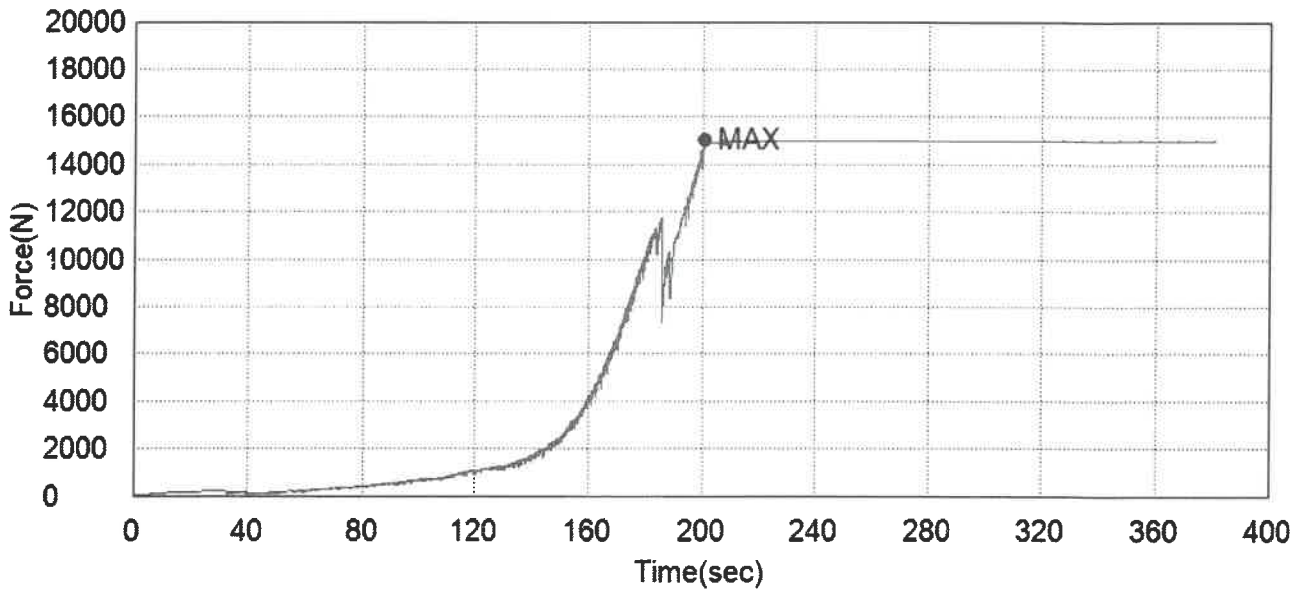
NIOSH MALAYSIA
Lot 1, Jalan 15/1
Section 15
43650 Bandar Baru Bangi
Selangor D.E
Tel: 03 -87692100
FAX: 03-89269842

CLIENT : PTH SAFETY EQUIPMENT SDN BHD

FPETL No.	03-14C/02/2024/038	Component	FULL BODY HARNESS-STATIC STRENGTH (LOWER RING)
Operator	Tc. MOHD FADZLI BIN ISMAIL	Product Name	HORNET (HT 08)
Approve	MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI	Report Date	5/6/2024
Test Date	5/6/2024	Temperature	20 degrees
Test Type	Tensile	Reference No.	FBHS-1

Name	Max_Force
Parameters	Calc. at Entire Areas
Unit	N
1_1	15047.7

TIME (SEC) VS FORCE (N)



According to BS EN 361, the full body harness shall not release the torso dummy. After tested with the lower ring of the torso dummy, the full body harness was not released from the torso dummy.

TESTED BY: 
Tc. MOHD FADZLI BIN ISMAIL

APPROVED BY: 
MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI

DATE: 06 MAY 2024

DATE: 06 MAY 2024

- END OF REPORT -

Test Report

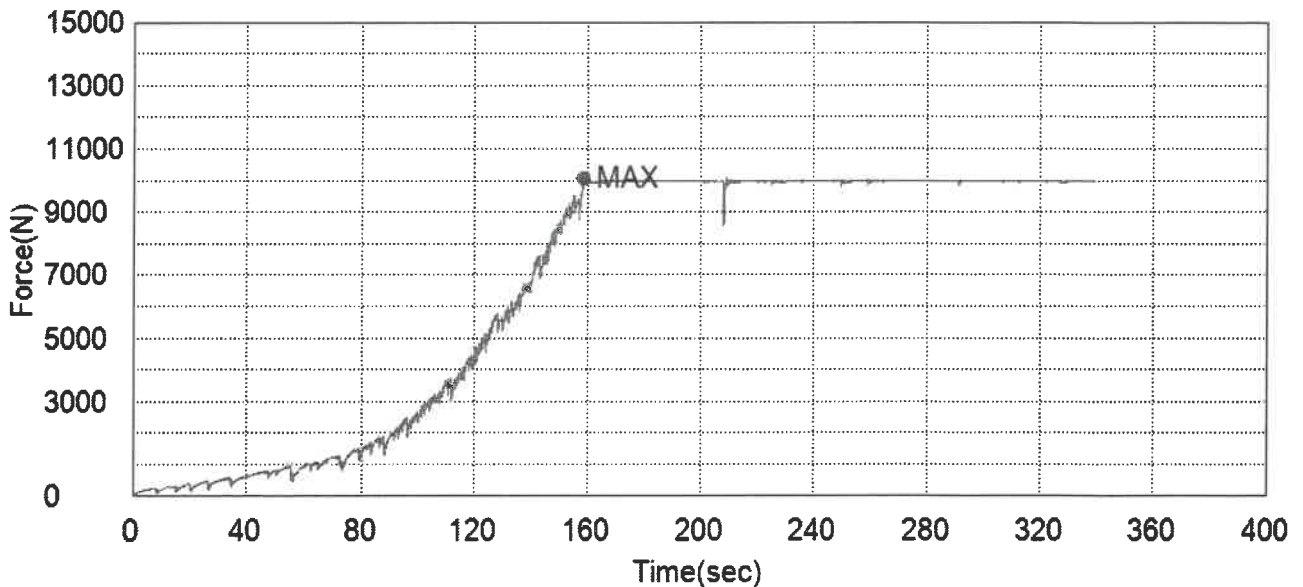
NIOSH MALAYSIA
 Lot 1, Jalan 15/1
 Section 15
 43650 Bandar Baru Bangi
 Selangor D.E
 Tel: 03-87692100
 FAX: 03-89269842

CLIENT : PTH SAFETY EQUIPMENT SDN BHD


FPETL No.	03-14C/02/2024/038	Component	FULL BODY HARNESS-STATIC STRENGTH (UPPER RING)
Operator	Tc. MOHD FADZLI BIN ISMAIL	Product Name	HORNET (HT 08)
Approve	MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI	Report Date	6/4/2024
Test Date	5/6/2024	Temperature	20 degrees
Test Type	Tensile	Reference No.	FBHS-2

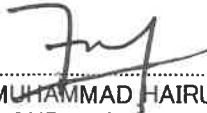
Name	Max_Force
Parameters	Calc. at Entire Areas
Unit	N
1_1	10063.5

TIME (SEC) VS FORCE (N)



According to BS EN 361, the full body harness shall not release the torso dummy. After testing with the upper ring of the torso dummy, the full body harness did not release from the torso dummy.

TESTED BY: 
 Tc. MOHD FADZLI BIN ISMAIL

APPROVED BY: 
 MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI

DATE: 04 JUN 2024

DATE: 04 JUN 2024

Test Report

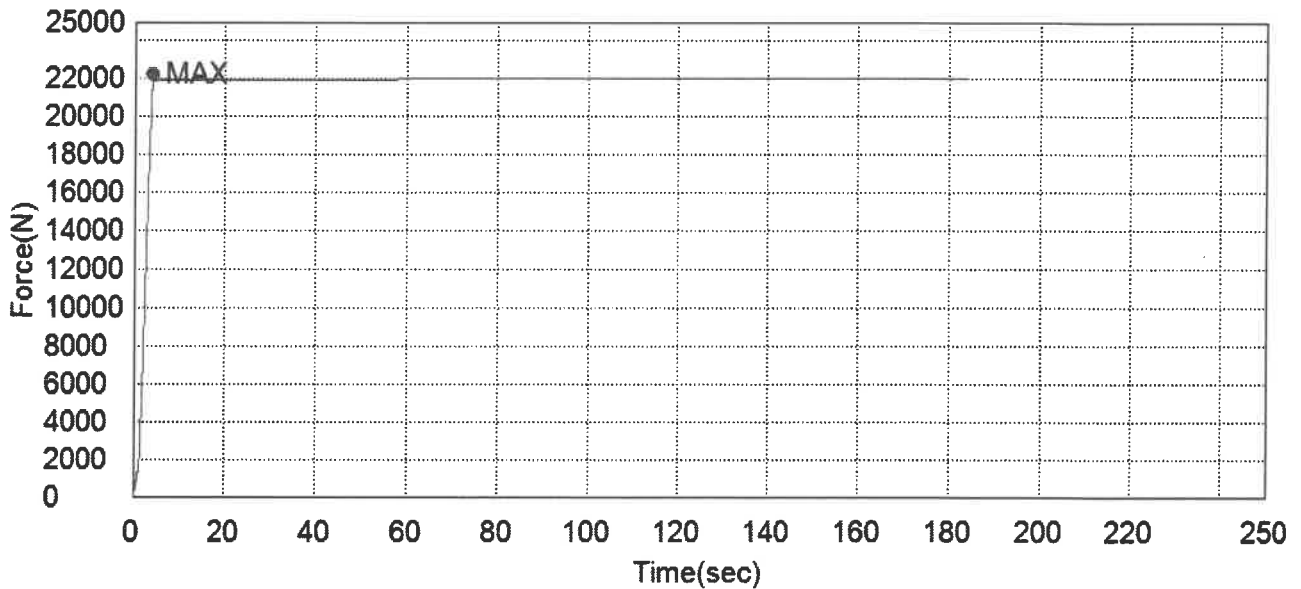
NIOSH MALAYSIA
Lot 1, Jalan 15/1
Section 15
43650 Bandar Baru Bangi
Selangor D.E
Tel: 03 -87692100
FAX: 03-89269842

CLIENT : PTH SAFETY EQUIPMENT SDN BHD

FPETL No.	03-14C/02/2024/038	Component	CONNECTOR CLASS B-STATIC STRENGTH
Operator	Tc. MOHD FADZLI BIN ISMAIL	Product Name	HORNET (OSPREY)
Approve	MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI	Report Date	4/30/2024
Test Date	4/30/2024	Temperature	20 degrees
Test Type	Tensile	Reference No.	CTRS-1

Name	Max Force	Max Stroke
Parameters	Calc. at Entire Areas	Calc. at Entire Areas
Unit	N	mm
1_1	22245.3	3.27260

TIME (SEC) VS FORCE (N)



According to BS EN 362 Clause 4.2, the gate shall still be closed. After tested with a force of 22 kN for a period of 3 min, the gate still closed.

TESTED BY: 
Tc. MOHD FADZLI BIN ISMAIL

APPROVED BY: 
MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI

DATE: 30 APR 2024

DATE: 30 APR 2024

- END OF REPORT -

Test Report

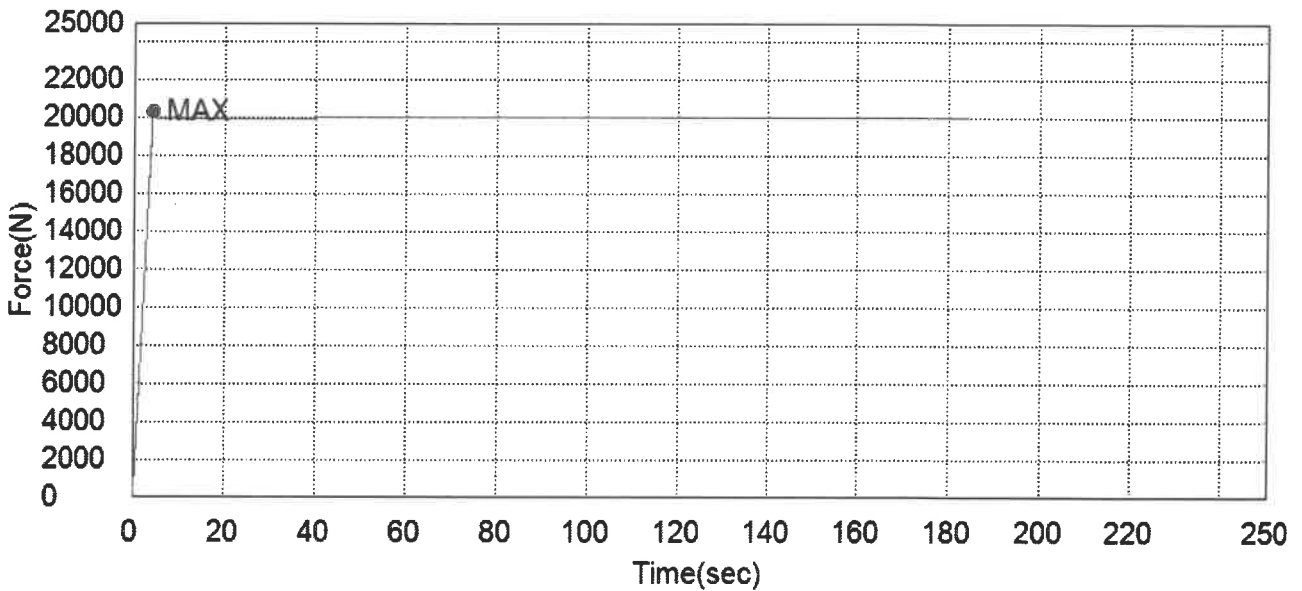
NIOSH MALAYSIA
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Section 15
43650 Bandar Baru Bangi
Selangor D.E
Tel: 03 -87692100
FAX: 03-89269842

CLIENT : PTH SAFETY EQUIPMENT SDN BHD

FPETL No.	03-14C/02/2024/038	Component	CONNECTOR CLASS A-STATIC STRENGTH
Operator	Tc. MOHD FADZLI BIN ISMAIL	Product Name	HORNET (HT 04)
Approve	MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI	Report Date	4/30/2024
Test Date	4/30/2024	Temperature	20 degrees
Test Type	Tensile	Reference No.	CTRS-2


Name	Max_Force	Max_Stroke
Parameters	Calc. at Entire Areas	Calc. at Entire Areas
Unit	N	mm
1_1	20319.6	3.43790

TIME (SEC) VS FORCE (N)



According to BS EN 362 Clause 4.2, the gate shall still be closed. After tested with a force of 20 kN for a period of 3 min, the gate still closed.

TESTED BY: 
Tc. MOHD FADZLI BIN ISMAIL

APPROVED BY: 
MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI

DATE: 30 APR 2024

DATE: 30 APR 2024

- END OF REPORT -

Test Report

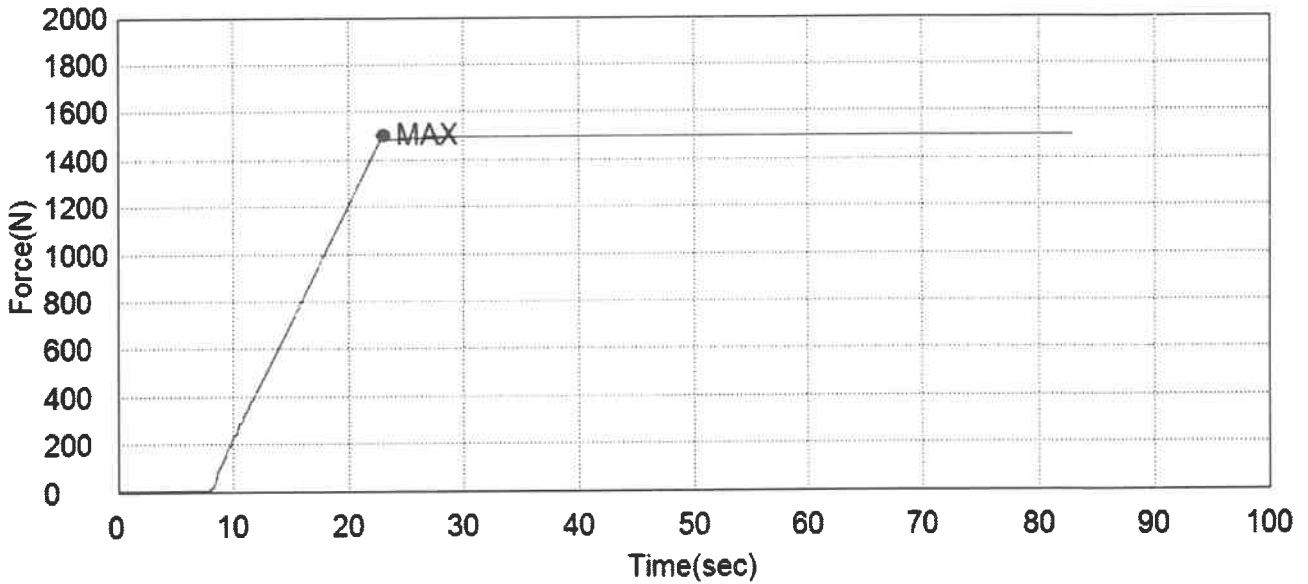
NIOSH MALAYSIA
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 Tel: 03 -87692100
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CLIENT : PTH SAFETY EQUIPMENT SDN BHD

FPETL No.	03-14C/02/2024/038	Component	CONNECTOR CLASS A-GATE SIDE
Operator	Tc. MOHD FADZLI BIN ISMAIL	Product Name	HORNET (HT 04)
Approve	MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI	Report Date	5/7/2024
Test Date	5/7/2024	Temperature	20 degrees
Test Type	Compression	Reference No.	CTRS-3

Name	Max_Force
Parameters	Calc. at Entire Areas
Unit	N
1_1	1503.67

TIME (SEC) VS FORCE (N)



According to BS EN 362 Clause 4.4.2, the gate-locking feature of connectors shall still function correctly. After tested, the gate-locking still function correctly.

TESTED BY: 
 Tc. MOHD FADZLI BIN ISMAIL

APPROVED BY: 
 MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI

DATE: 07 MAY 2024

DATE: 07 MAY 2024

- END OF REPORT -

Test Report

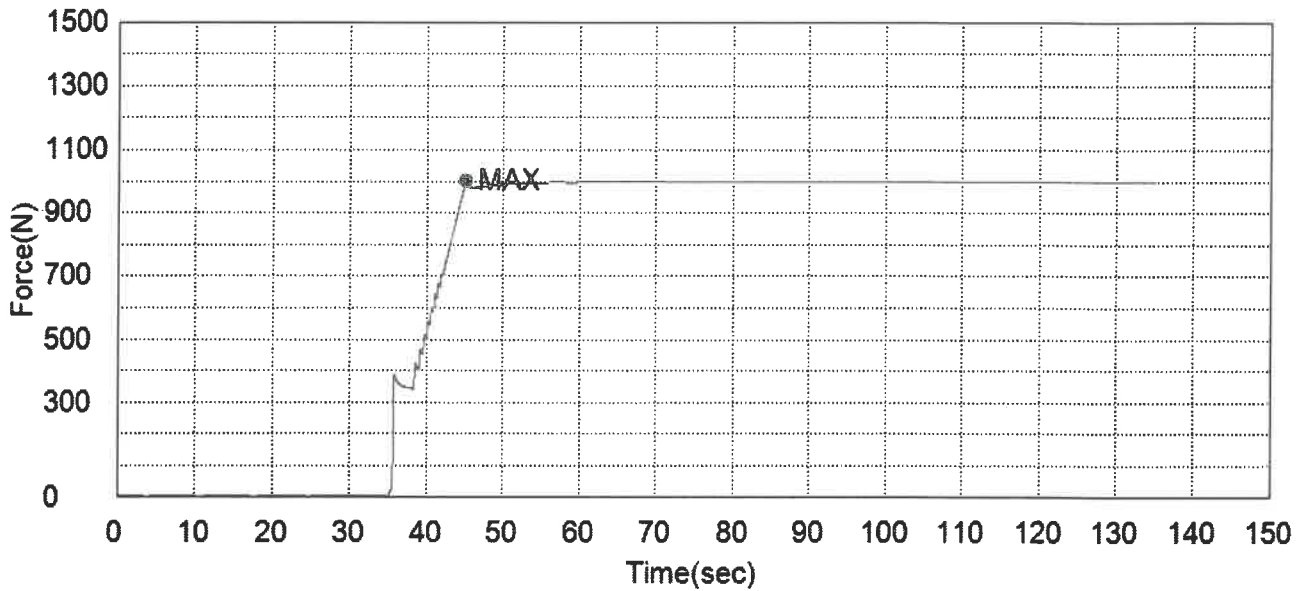
NIOSH MALAYSIA
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 Tel: 03 -87692100
 FAX: 03-89269842

CLIENT : PTH SAFETY EQUIPMENT SDN BHD

FPETL No.	03-14C/02/2024/038	Component	CONNECTOR CLASS A-GATE FACE
Operator	Tc. MOHD FADZLI BIN ISMAIL	Product Name	HORNET (HT 04)
Approve	MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI	Report Date	5/7/2024
Test Date	5/7/2024	Temperature	20 degrees
Test Type	Compression	Reference No.	CTRS-4

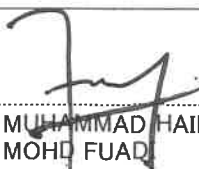
Name	Max_Force
Parameters	Calc. at Entire Areas
Unit	N
1_1	1000.91

TIME (SEC) VS FORCE (N)



According BS EN 362 Clause 4.4.1, the gate-locking feature of connectors shall still function correctly. After tested, the gate-locking still function correctly.

TESTED BY: 
 Tc. MOHD FADZLI BIN ISMAIL

APPROVED BY: 
 MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI

DATE: 07 MAY 2024

DATE: 07 MAY 2024

- END OF REPORT -

Test Report

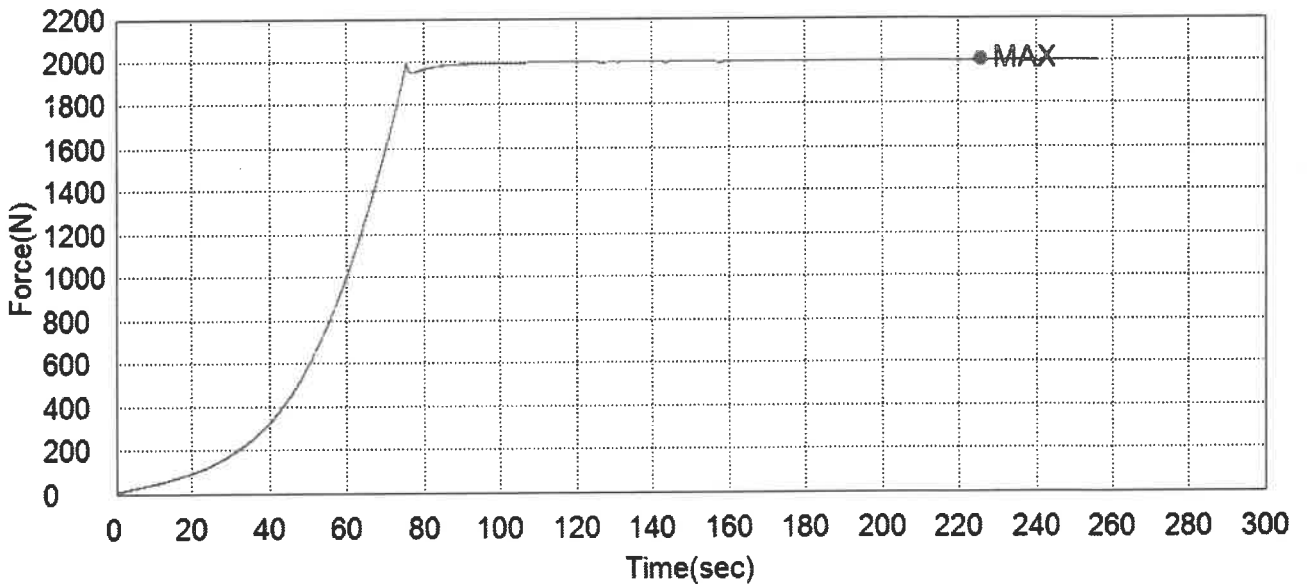
NIOSH MALAYSIA
Lot 1, Jalan 15/1
Section 15
43650 Bandar Baru Bangi
Selangor D.E
Tel: 03 -87692100
FAX: 03-89269842

CLIENT : PTH SAFETY EQUIPMENT SDN BHD

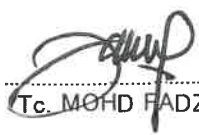
FPETL No.	03-14C/02/2024/038	Component	ENERGY ABSORBER-STATIC PRELOADING
Operator	Tc. MOHD FADZLI BIN ISMAIL	Product Name	HT 02K
Approve	MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI	Report Date	5/7/2024
Test Date	5/7/2024	Temperature	20 degrees
Test Type	Tensile	Reference No.	EAP-1

Name	Max_Force
Parameters	Calc. at Entire Areas
Unit	N
1_1	2003.35

TIME (SEC) VS FORCE (N)



According to BS EN 355 Clause 4.3, the permanent extension caused by activation of the energy absorber shall not exceed 50 mm. After tested with a force of 2 kN, the permanent extension of energy absorber not greater than 50 mm.
Before: 310 mm
After: 320 mm
Extension: 10 mm

TESTED BY: 
Tc. MOHD FADZLI BIN ISMAIL

APPROVED BY: 
MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI

DATE: 07 MAY 2024

DATE: 07 MAY 2024

- END OF REPORT -

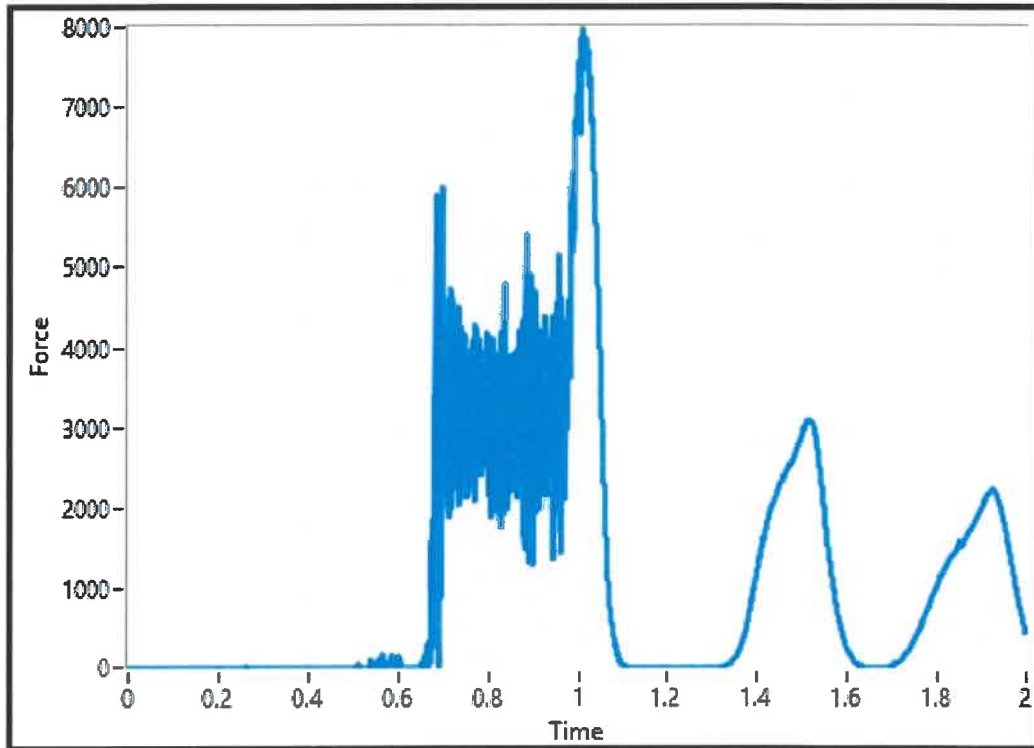


FPETL No.	03-14C/02/2024/038		
Product Name	HORNET	Test Title	ENERGY ABSORBER INTEGRAL WITH LANYARD
Serial Number	HT 02K	Testing Date	07 / 05 / 2024
Weight offset	-	Report Date	07 / 05 / 2024
Test Limit	6.000000E+3 N	System Bias	13.199744E-3 mV/V

Name
Unit
Max. Reading
Measurement of uncertainty

Max. Force
N
7967.06
± 37 N

k=2



Remark

According BS EN 355, the braking force should not exceed 6000 N.

$L_t = 2000$ mm; and

$H = 4275$ mm.

Tested By:

TC. Mohd Fadzli Bin Ismail
Qualified Technician

Date: 07 MAY 2024

Approved By:

Muhammad Hairul Farique Bin Mohd Fuadi
Technical Officer

Date: 07 MAY 2024

Test Report

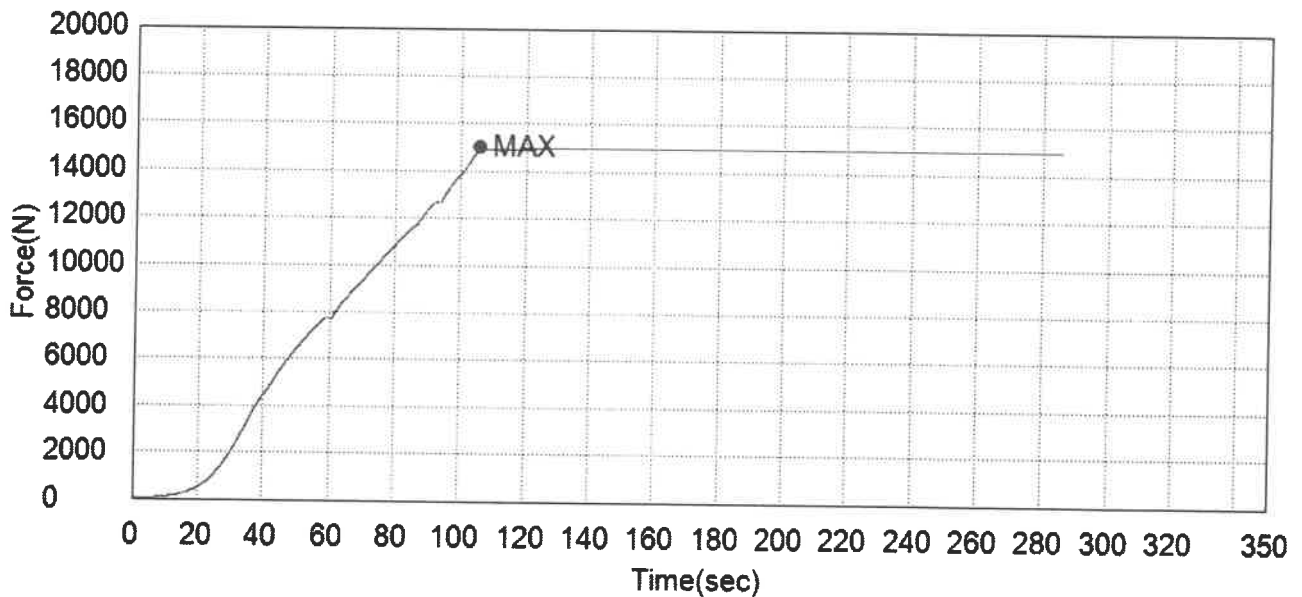
NIOSH MALAYSIA
 Lot 1, Jalan 15/1
 Section 15
 43650 Bandar Baru Bangi
 Selangor D.E
 Tel: 03-87692100
 FAX: 03-89269842

CLIENT : PTH SAFETY EQUIPMENT SDN BHD

FPETL No.	03-14C/02/2024/038	Component	ENERGY ABSORBER-STATIC STRENGTH A
Operator	Tc. MOHD FADZLI BIN ISMAIL	Product Name	HT 02K
Approve	MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI	Report Date	5/13/2024
Test Date	5/13/2024	Temperature	20 degrees
Test Type	Tensile	Reference No.	EAS-1

Name	Max Force
Parameters	Calc. at Entire Areas
Unit	N
1_1	15002.6

TIME (SEC) VS FORCE (N)



According BS EN 355 Clause 4.5, the fully developed energy absorber shall withstand a force of 15 kN without tearing or rupture. After tested, the fully developed energy absorber still withstand a force of 15 kN without tearing or rupture.

TESTED BY: 
 MOHD FADZLI BIN ISMAIL

APPROVED BY: 
 MUHAMMAD HAIRUL FARIQUE BIN MOHD/FUADI

DATE: 13 MAY 2024

DATE: 13 MAY 2024

Test Report

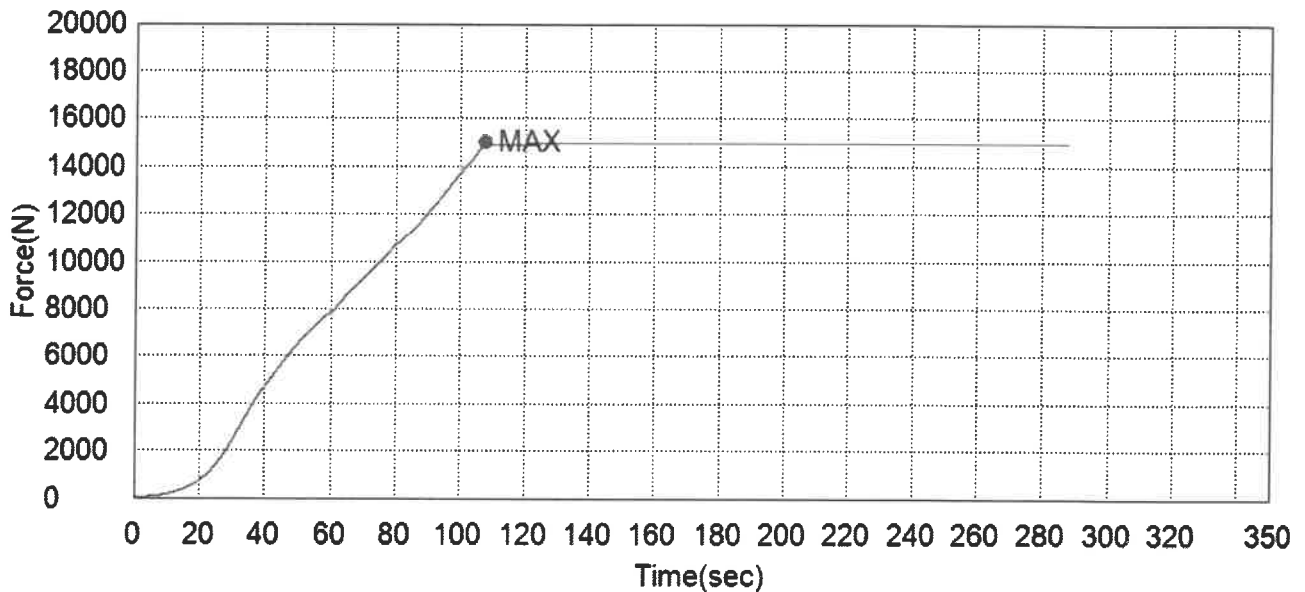
NIOSH MALAYSIA
 Lot 1, Jalan 15/1
 Section 15
 43650 Bandar Baru Bangi
 Selangor D.E
 Tel: 03 -87692100
 FAX: 03-89269842

CLIENT : PTH SAFETY EQUIPMENT SDN BHD

FPETL No.	03-14C/02/2024/038	Component	ENERGY ABSORBER-STATIC STRENGTH B
Operator	Tc. MOHD FADZLI BIN ISMAIL	Product Name	HT 02K
Approve	MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI	Report Date	5/13/2024
Test Date	5/13/2024	Temperature	20 degrees
Test Type	Tensile	Reference No.	EAS-2

Name	Max_Force
Parameters	Calc. at Entire Areas
Unit	N
1_1	15006.2

TIME (SEC) VS FORCE (N)



According to BS EN 355 Clause 4.5, the fully developed energy absorber shall withstand a force of 15 kN without tearing or rupture. After tested, the fully developed energy absorber still withstood a force of 15 kN without tearing or rupture.

TESTED BY: 
 Tc. MOHD FADZLI BIN ISMAIL

APPROVED BY: 
 MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI

DATE: 13 MAY 2024

DATE: 13 MAY 2024

Test Report

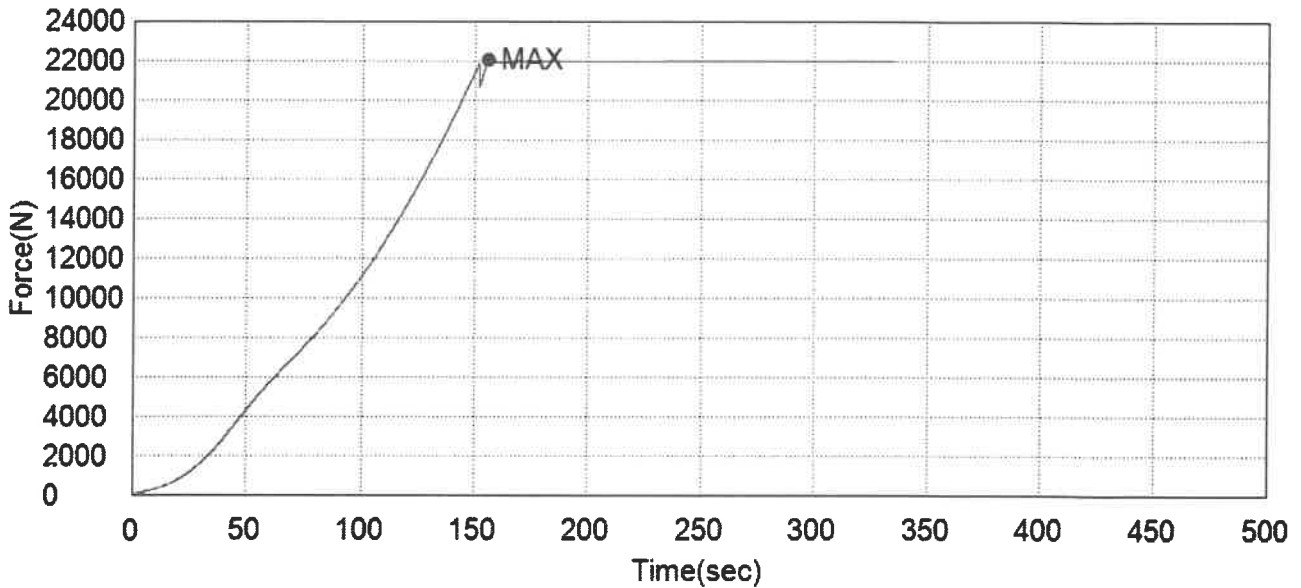
NIOSH MALAYSIA
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 43650 Bandar Baru Bangi
 Selangor D.E
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CLIENT : PTH SAFETY EQUIPMENT SDN BHD


FPETL No.	03-14C/02/2024/038	Component	LANYARD-STATIC STRENGTH
Operator	Tc. MOHD FADZLI BIN ISMAIL	Product Name	HORNET (HT 09)
Approve	MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI	Report Date	4/30/2024
Test Date	4/30/2024	Temperature	20 degrees
Test Type	Tensile	Reference No.	LYDS-1

Name	Max_Force
Parameters	Calc. at Entire Areas
Unit	N
1_1	22016.5

TIME (SEC) VS FORCE (N)



According to BS EN 354 Clause 4.5.1, the lanyard made from textile material shall sustain a force of at least 22 kN for a period of 3 minutes without tearing or rupture of any element. After tested, the lanyard still sustains a force of at least 22 kN without separating, tearing or rupture of any element.

TESTED BY: 
 Tc. MOHD FADZLI BIN ISMAIL

APPROVED BY: 
 MUHAMMAD HAIRUL FARIQUE BIN MOHD FUADI

DATE: 30 APR 2024

DATE: 30 APR 2024

- END OF REPORT -