

HADECS 3

Site Calibration Certificate

S35(1)(a)&(b), S39(1)

Motorway: M90

Site Location: S35(1)(a)&(b), S39(1)

HADECS 3 Equipment

| | | | |
|---------------------------------|---------------|-------|------------|
| Camera Head Enclosure Serial No | 7591140003 | | |
| Control Unit Serial No | 7528060003 | | |
| Radar Assembly Serial No | 816207003 | | |
| Radar Serial No | 34353 – 00003 | | |
| Radar Calibration Date | 04/05/2022 | until | 03/05/2023 |

HADECS 3 Software

| | |
|----------------------------------|----------------------|
| Camera Head Enclosure Version No | 0.3.13 |
| Control Unit Version No | 0.3.3 |
| Radar Version No | MI-146-5 5C57811F |
| Instation ERCU Version No | 3.0.0.0 |

Valid until

Date Next Calibration Due: 03/05/2023

I certify that the HADECS equipment identified above complies with the terms of the specification for Type Approval and has passed all necessary calibration checks on the date recorded below.

Signed: S38(1)(b)

HADECS Project Manager

08/06/2022

DATE

Site Calibration Certificate

S35(1)(a)&(b), S39(1)

Motorway: M90

Site Location: S35(1)(a)&(b), S39(1)

HADECS 3 Equipment

| | |
|---------------------------------|-----------------------------|
| Camera Head Enclosure Serial No | 8540880001 |
| Control Unit Serial No | 8541600004 |
| Radar Assembly Serial No | 8541570001 |
| Radar Serial No | 105610 -0004 |
| Radar Calibration Date | 04/05/2022 until 03/05/2023 |

HADECS 3 Software

| | |
|----------------------------------|----------------------|
| Camera Head Enclosure Version No | 0.3.13 |
| Control Unit Version No | 0.3.3 |
| Radar Version No | MI-146-5 5C57811F |
| Instation ERCU Version No | 3.0.0.0 |

Valid until

Date Next Calibration Due: 03/05/2023

I certify that the HADECS equipment identified above complies with the terms of the specification for Type Approval and has passed all necessary calibration checks on the date recorded below.

Signed: S33(1)(b)

08/06/2022

HADECS Project Manager

DATE

HADECS 3

Site Calibration Certificate

S35(1)(a)&(b), S39(1)

Motorway: M90

Site Location: S35(1)(a)&(b), S39(1)

HADECS 3 Equipment

| | | | |
|---------------------------------|-------------|-------|------------|
| Camera Head Enclosure Serial No | 8540880003 | | |
| Control Unit Serial No | 8541600005 | | |
| Radar Assembly Serial No | 8541570002 | | |
| Radar Serial No | 105610-0002 | | |
| Radar Calibration Date | 04/05/2022 | until | 03/05/2023 |

HADECS 3 Software

| | |
|----------------------------------|----------------------|
| Camera Head Enclosure Version No | 0.3.13 |
| Control Unit Version No | 0.3.3 |
| Radar Version No | MI-146-5 5C57811F |
| Instation ERCU Version No | 3.0.0.0 |

Valid until

Date Next Calibration Due: 03/05/2023

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Signed: S38(1)(b)

HADECS Project Manager

08/06/2022

DATE

Site Calibration Certificate

S35(1)(a)&(b), S39(1)

Motorway: M90

Site Location: S35(1)(a)&(b), S39(1)

HADECS 3 Equipment

| | | | |
|---------------------------------|-------------|-------|------------|
| Camera Head Enclosure Serial No | 8540880002 | | |
| Control Unit Serial No | 8541600001 | | |
| Radar Assembly Serial No | 8541570005 | | |
| Radar Serial No | 105610-0009 | | |
| Radar Calibration Date | 04/05/2022 | until | 03/05/2023 |

HADECS 3 Software

| | |
|----------------------------------|----------------------|
| Camera Head Enclosure Version No | 0.3.13 |
| Control Unit Version No | 0.3.3 |
| Radar Version No | MI-146-5 5C57811F |
| Instation ERCU Version No | 3.0.0.0 |

Valid until

| | |
|----------------------------|------------|
| Date Next Calibration Due: | 03/05/2023 |
|----------------------------|------------|

I certify that the HADECS equipment identified above complies with the terms of the specification for Type Approval and has passed all necessary calibration checks on the date recorded below.

Signed: S38(1)(b)

[Redacted Signature]

08/06/2022

DATE

HADECS Project Manager

HADECS 3 On-road speed Testing Record (Scotland)

Site Ref: S35(1)(a)&(b), S39(1)

Location: S35(1)(a)&(b), S39(1)

Test date: 9th November 2018

Contractor Test Procedure Document

Does this include the signed record of test attendees? YES

Test Vehicle

Vehicle used: Marked police BMW 530d Touring

Vehicle Registration Number: SF64 KLP

Police Driver

S38(1)(b)

Contact Number:

Witness Statement signed (Page 3) NO

Competent Person

I confirm that the statements made in this document are a true record of the tests

Name S38(1)(b) S38(1)(b)

Signature Date 3rd December 2018

Organisation Road Safety Support Limited

Address PO Box 10092 Billericay, Essex CM12 9UY

Passenger

I confirm that the statements made in this document are a true record of the tests

Name S38(1)(b)

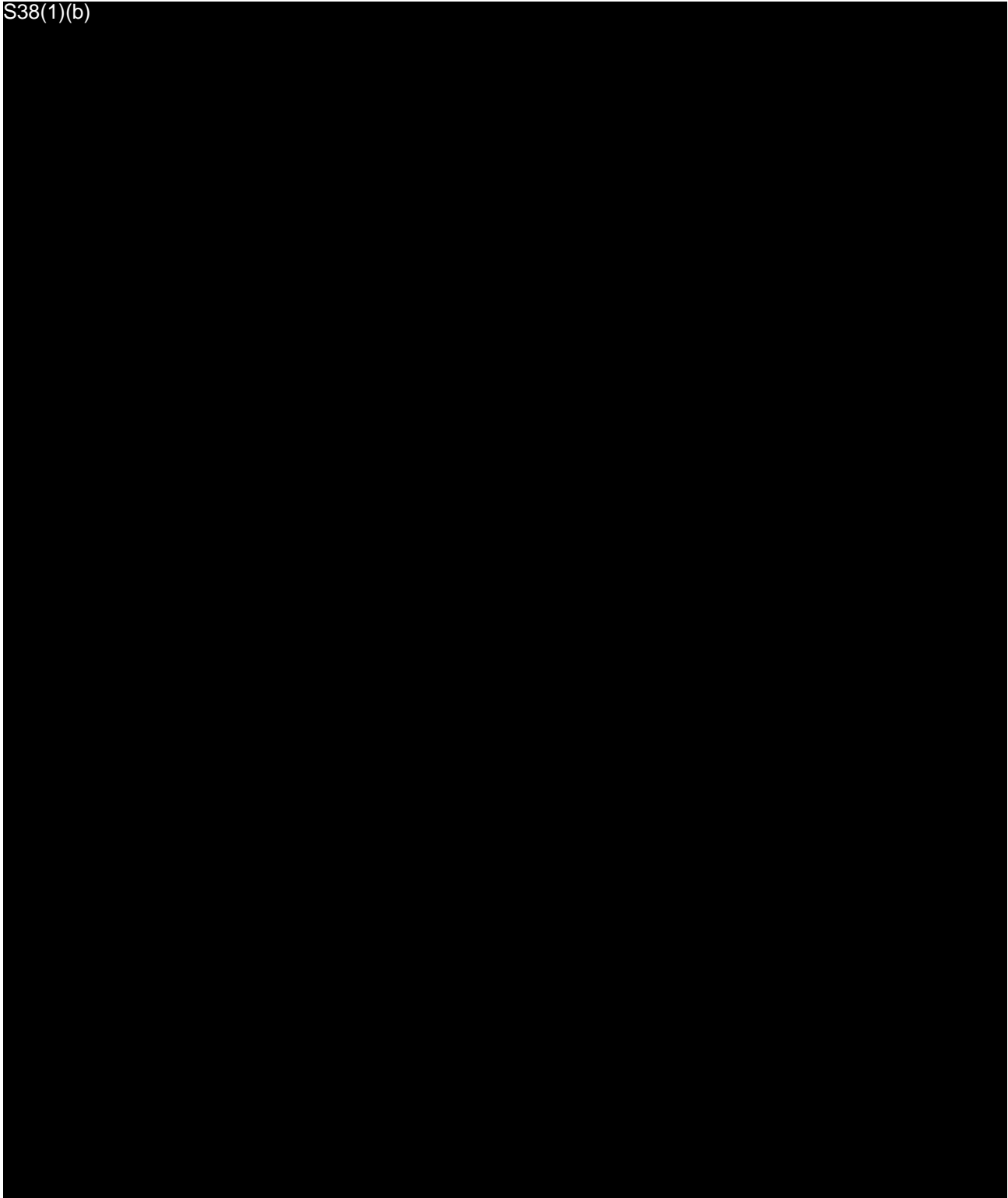
Signat Date 3rd December 2018

Organisation Road Safety Support Limited

Address PO Box 10092 Billericay, Essex CM12 9UY

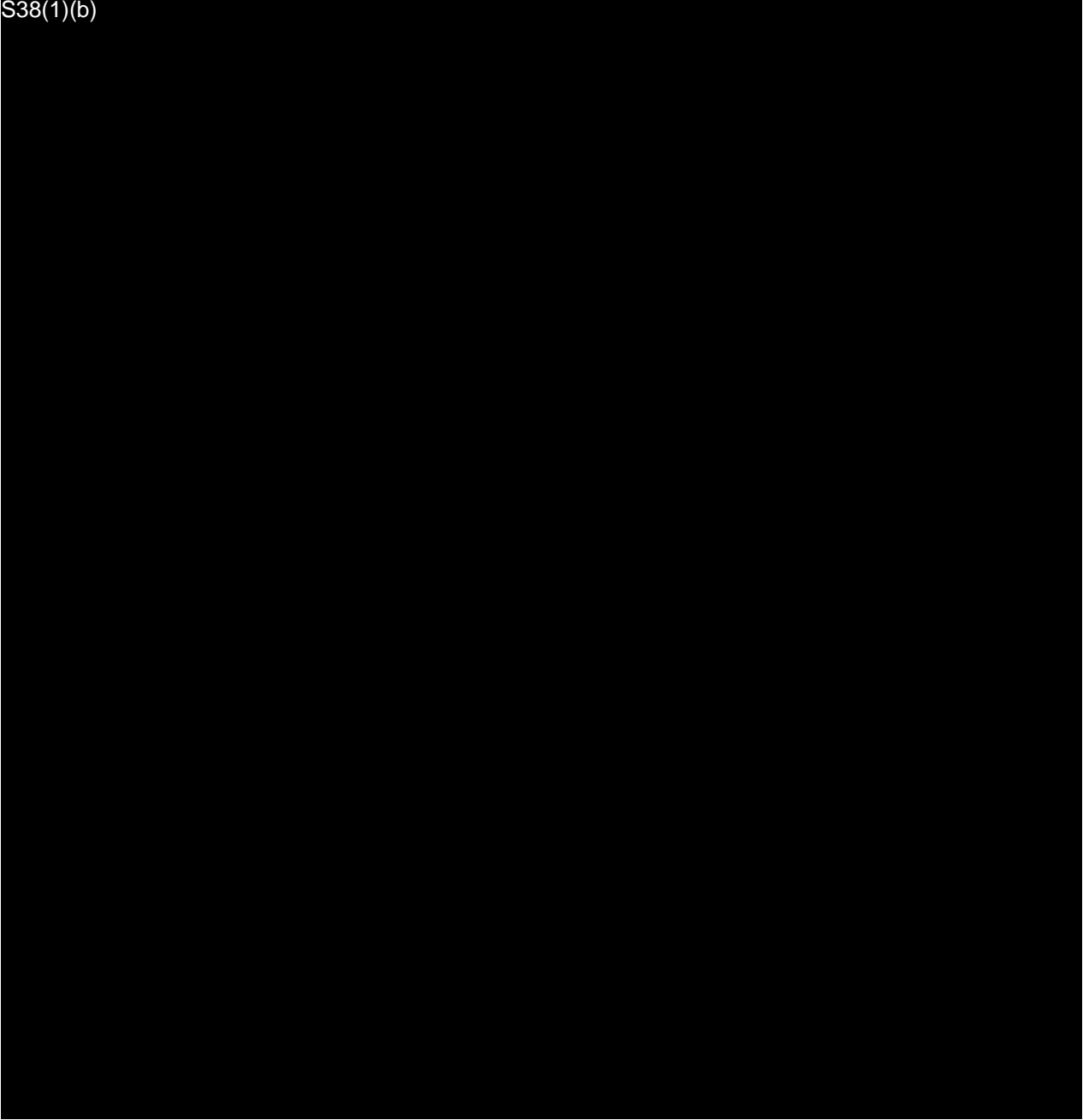
WITNESS STATEMENT (Competent person)

S38(1)(b)



WITNESS STATEMENT (PASSENGER)

S38(1)(b)



Transport Scotland HADECS3 Police Test Results

Site Ref:

S35(1)(a)&(b), S39(1)

Site Location:

S35(1)(a)&(b), S39(1)

| Lane | Recorded Speed | | Date and Time |
|------|----------------|---------|-------------------------------|
| | Police Vehicle | HADECS3 | |
| | | | 9 th November 2018 |
| 2 | 111.1 | 112.7 | 21:10:03 |
| 2 | 112.8 | 113.5 | 21:24:12 |
| 3 | 109.8 | 110.8 | 21:48:53 |
| 1 | 101.4 | 100.5 | 21:59:30 |
| 2 | 112.1 | 114.3 | 23:03:10 |
| 1 | 106.5 | 105.7 | 23:13:16 |
| 3 | 108.9 | 109.7 | 23:24:36 |

I certify that the Secondary Speed Checks performed by me for these tests comply with the terms of the Home Office Type Approval

All signal settings were made by the Traffic Scotland National Control Centre (TSNCC)

Name S38(1)(b)

Job Title Technical Manager

Signed S38(1)(b)

Company RSS Ltd

Date 3rd December 2018

HADECS 3 On-road speed Testing Record (Scotland)

Site Ref: S35(1)(a)&(b), S39(1)

Location: S35(1)(a)&(b), S39(1)

Test date: 9th November 2018

Contractor Test Procedure Document

Does this include the signed record of test attendees? YES

Test Vehicle

Vehicle used: Marked police BMW 530d Touring

Vehicle Registration Number: SF64 KLP

Police Driver

S38(1)(b)

Contact Number:

Witness Statement signed (Page 3) NO

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I confirm that the statements made in this document are a true record of the tests

Name S38(1)(b) S38(1)(b)

Signature Date 3rd December 2018

Organisation Road Safety Support Limited

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Passenger

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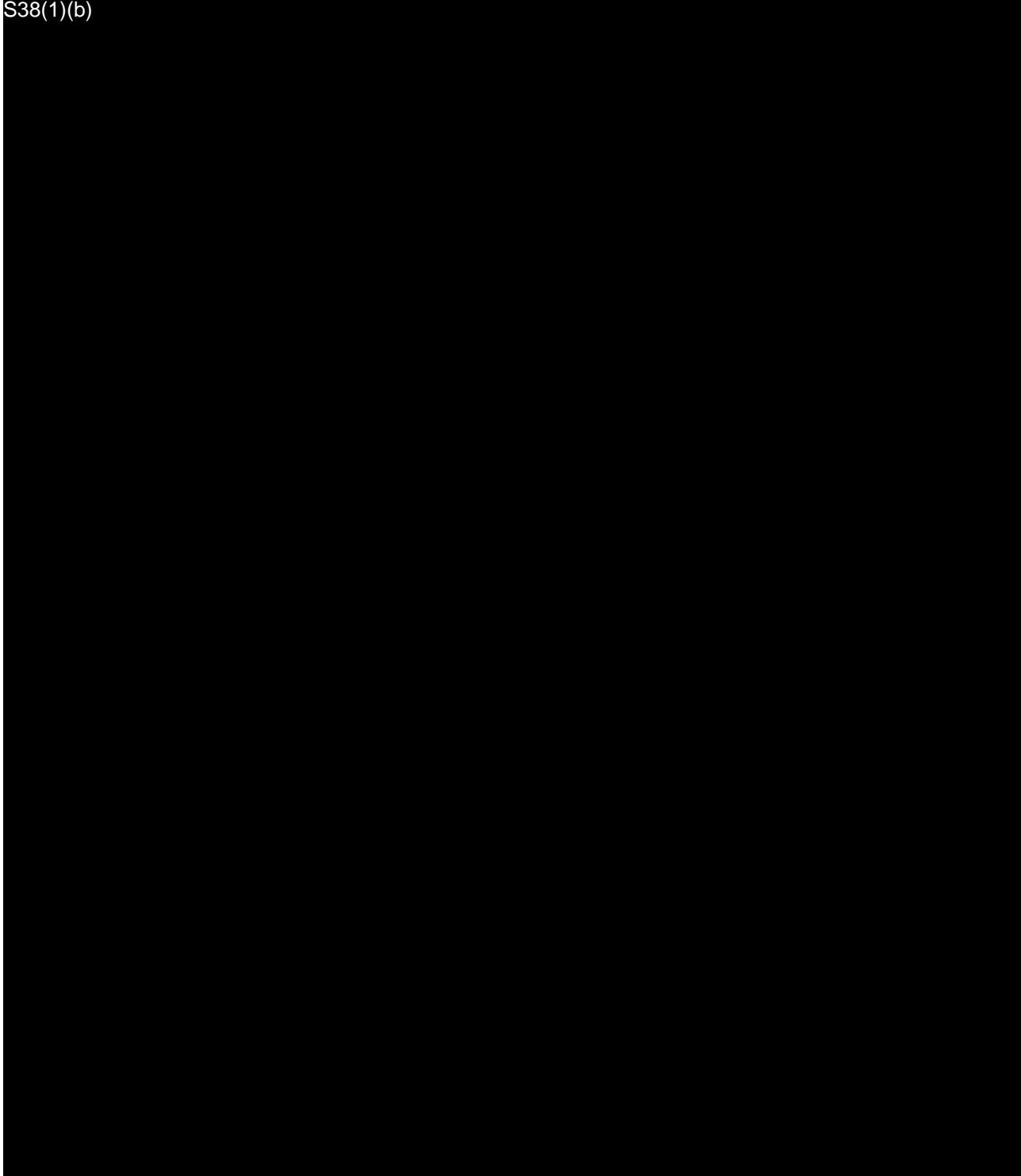
Signature Date 3rd December 2018

Organisation Road Safety Support Limited

Address PO Box 10092 Billericay, Essex CM12 9UY

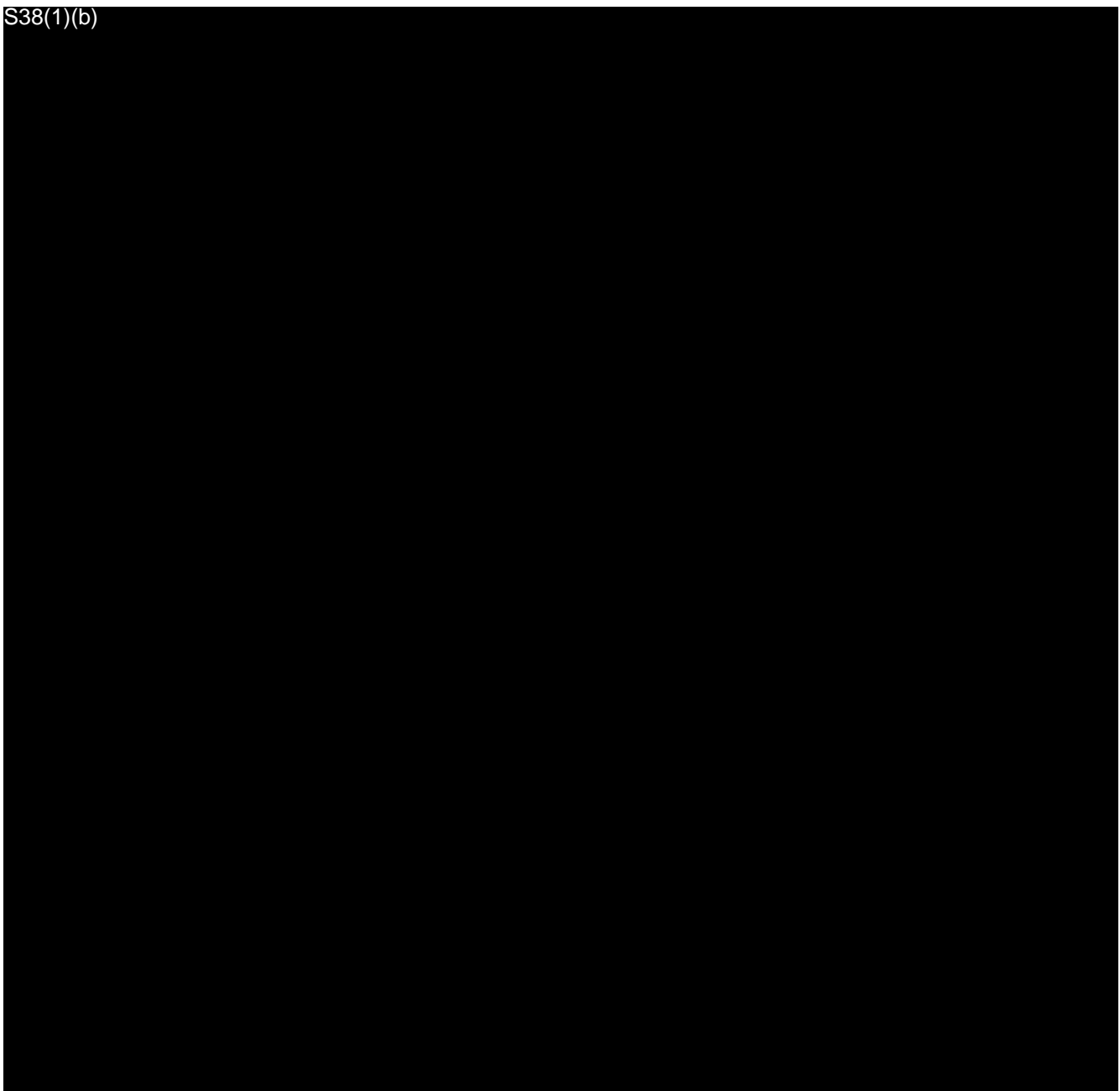
WITNESS STATEMENT (Competent person)

S38(1)(b)



WITNESS STATEMENT (PASSENGER)

S38(1)(b)



Transport Scotland HADECS3 Police Test Results

Site Ref:

S35(1)(a)&(b), S39(1)

Site Location:

S35(1)(a)&(b), S39(1)

| Lane | Recorded Speed | | Date and Time |
|------|----------------|---------|-------------------------------|
| | Police Vehicle | HADECS3 | |
| | | | 9 th November 2018 |
| 2 | 100.9 | 100.6 | 20:07:48 |
| 3 | 106.8 | 108.3 | 20:20:25 |
| 2 | 106.5 | 108.4 | 20:31:45 |
| 3 | 112.7 | 108.6 | 20:43:44 |

I certify that the Secondary Speed Checks performed by me for these tests comply with the terms of the Home Office Type Approval

All signal settings were made by the Traffic Scotland National Control Centre (TSNCC)

Name S38(1)(b)

Job Title Technical Manager

Signed S38(1)(b)

Company RSS Ltd

Date 3rd December 2018

HADECS 3 On-road speed Testing Record (Scotland)

Site Ref: S35(1)(a)&(b), S39(1)

Location: S35(1)(a)&(b), S39(1)

Test date: 9th November 2018

Contractor Test Procedure Document

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Vehicle used: Marked police BMW 530d Touring

Vehicle Registration Number: SF64 KLP

Police Driver

S38(1)(b)

Contact Number:

Witness Statement signed (Page 3) NO

Competent Person

I confirm that the statements made in this document are a true record of the tests

Name S38(1)(b) S38(1)(b)

Signature Date 3rd December 2018

Organisation Road Safety Support Limited

Address PO Box 10092 Billericay, Essex CM12 9UY

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Name S38(1)(b) S38(1)(b)

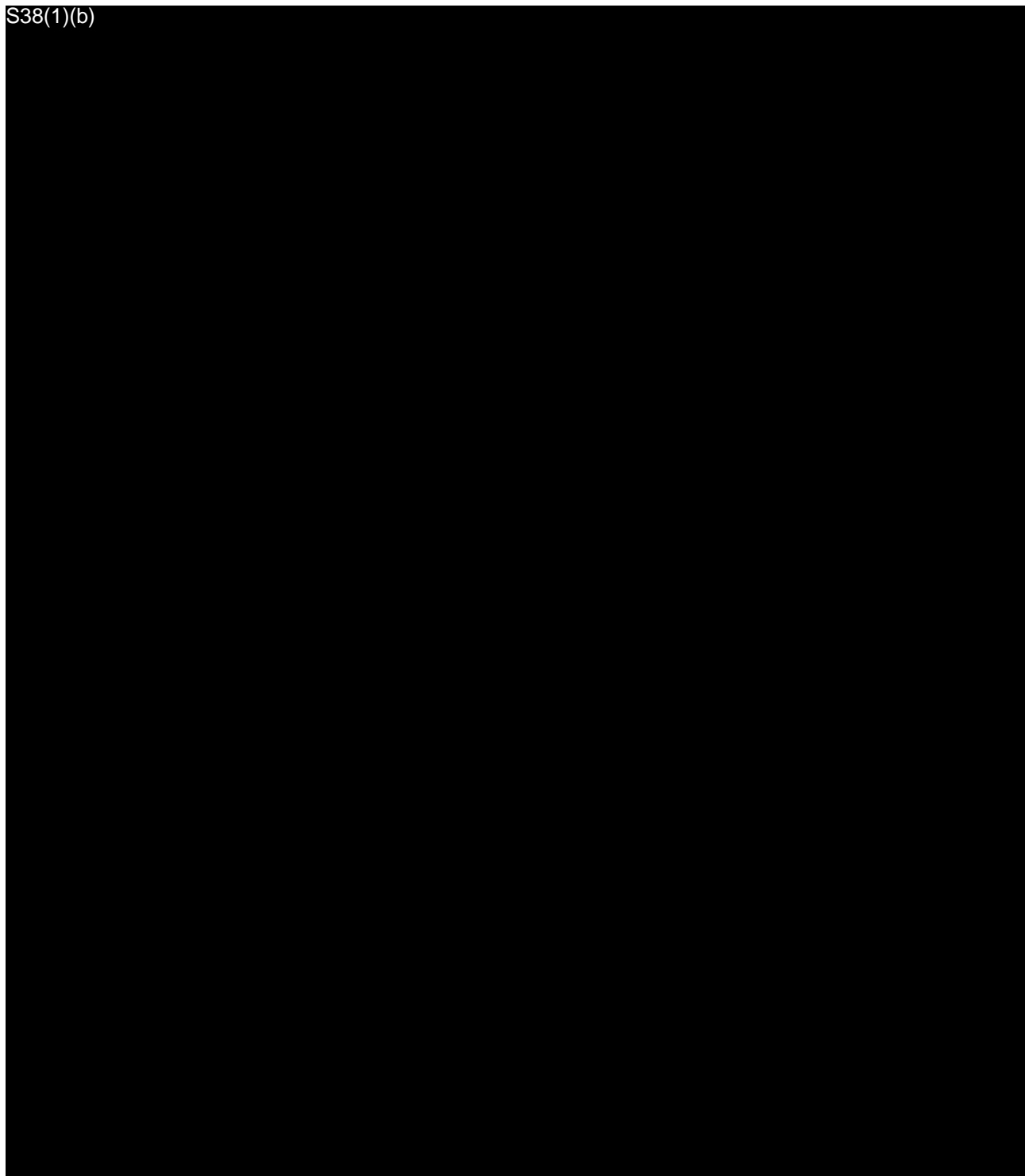
Signature Date 3rd December 2018

Organisation Road Safety Support Limited

Address PO Box 10092 Billericay, Essex CM12 9UY

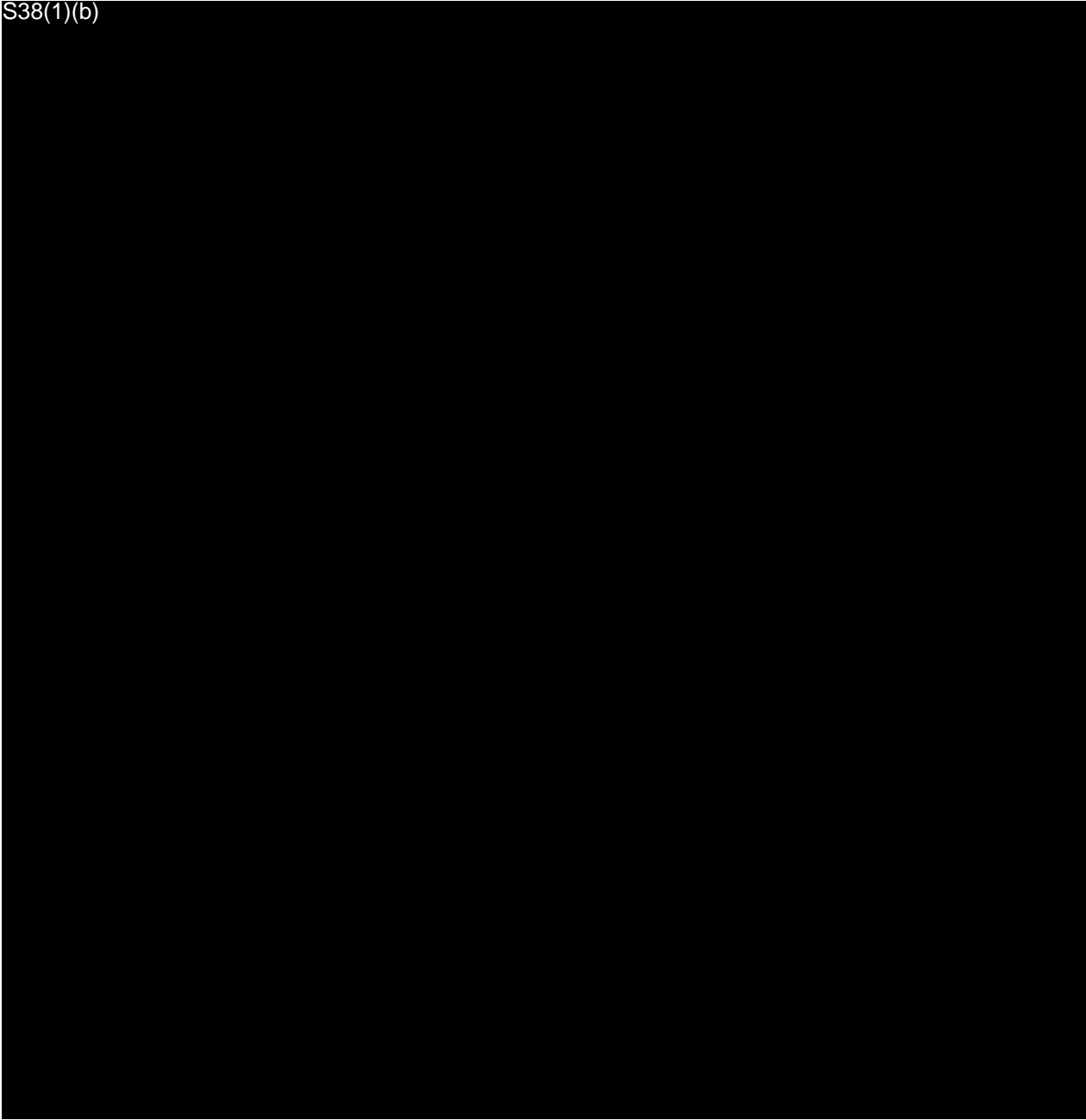
WITNESS STATEMENT (Competent person)

S38(1)(b)



WITNESS STATEMENT (PASSENGER)

S38(1)(b)



Transport Scotland HADECS3 Police Test Results

Site Ref:

S35(1)(a)&(b), S39(1)

Site Location:

S35(1)(a)&(b), S39(1)

| Lane | Recorded Speed | | Date and Time |
|------|----------------|---------|-------------------------------|
| | Police Vehicle | HADECS3 | |
| | | | 9 th November 2018 |
| 2 | 95.8 | 96.2 | 20:11:19 |
| 2 | 97.3 | 98.9 | 20:22:46 |
| 3 | 96.7 | 96.7 | 20:34:08 |
| 3 | 91.5 | 92.0 | 20:46:26 |
| 1 | 92.0 | 90.6 | 20:50:19 |
| 1 | 91.7 | 92.3 | 20:53:55 |

I certify that the Secondary Speed Checks performed by me for these tests comply with the terms of the Home Office Type Approval

All signal settings were made by the Traffic Scotland National Control Centre (TSNCC)

Name S38(1)(b)

 S38(1)(b)

 Signed _____

Job Title Technical Manager

 Company RSS Ltd

 Date 3rd December 2018

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Site Ref: S35(1)(a)&(b), S39(1)

Location: S35(1)(a)&(b), S39(1)

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S38(1)(b)

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Competent Person

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Name S38(1)(b) S38(1)(b)

Signature Date 3rd December 2018

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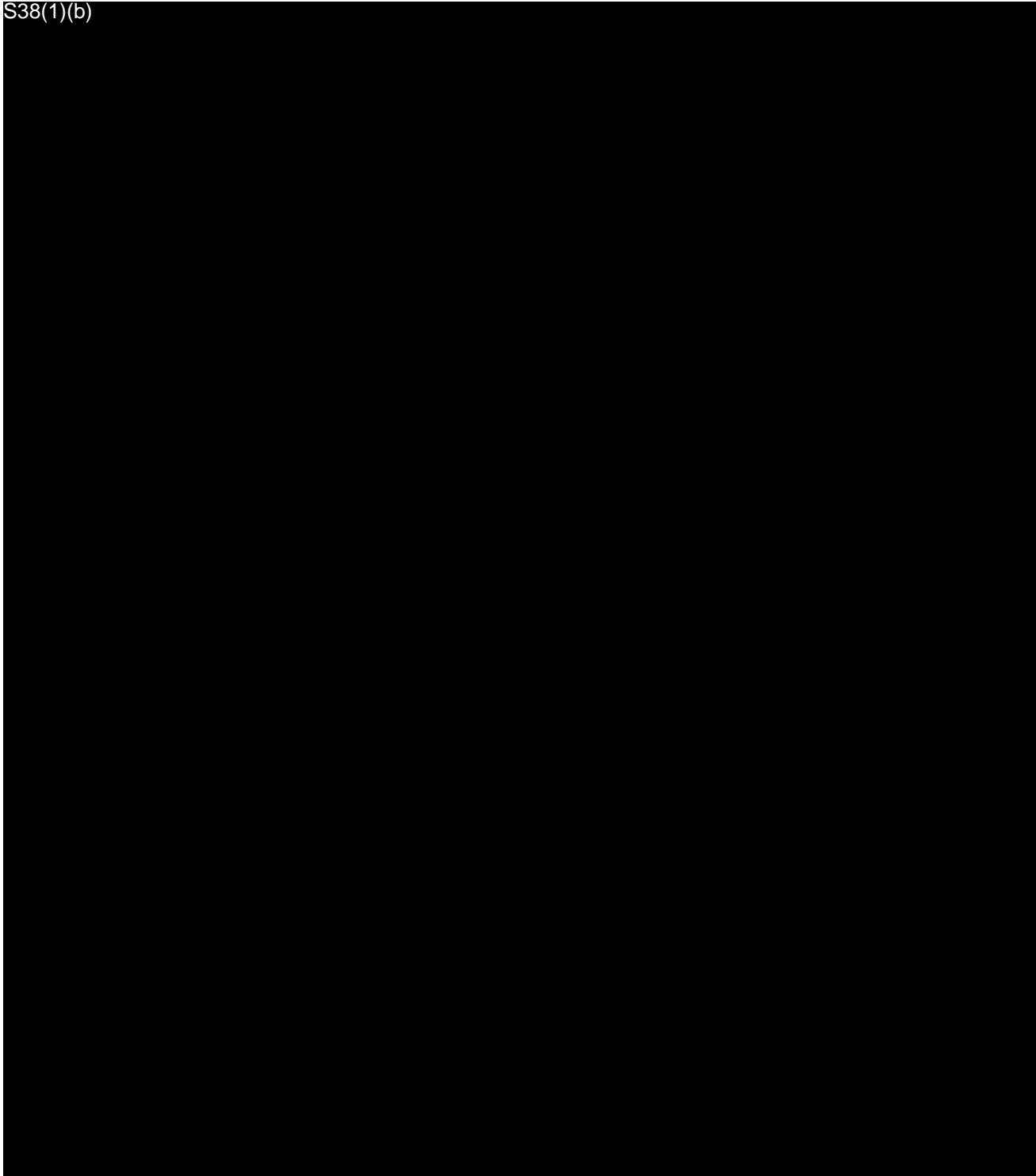
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Organisation Road Safety Support Limited

Address PO Box 10092 Billericay, Essex CM12 9UY


WITNESS STATEMENT (Competent person)

S38(1)(b)



WITNESS STATEMENT (PASSENGER)

S38(1)(b)



Transport Scotland HADECS3 Police Test Results

Site Ref:

S35(1)(a)&(b), S39(1)

Site Location:

S35(1)(a)&(b), S39(1)

| Lane | Recorded Speed | | Date and Time |
|------|----------------|---------|-------------------------------|
| | Police Vehicle | HADECS3 | |
| | | | 9 th November 2018 |
| 1 | 100.4 | 99.2 | 21:01:18 |
| 1 | 101.6 | 99.8 | 21:15:46 |
| 2 | 99.3 | 98.2 | 21:28:54 |
| 2 | 99.0 | 97.6 | 21:41:22 |

I certify that the Secondary Speed Checks performed by me for these tests comply with the terms of the Home Office Type Approval

All signal settings were made by the Traffic Scotland National Control Centre (TSNCC)

Name S38(1)(b)

Job Title Technical Manager

S38(1)(b)

Company RSS Ltd

Signed _____

Date 3rd December 2018