

Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17065:2012
Registration number: **C 653**

of **Ricardo Certification B.V.**

This annex is valid from: **07-02-2024 to 01-03-2024**

Replaces annex dated: **13-12-2023**

Prolonged until 01-06-2024

Location(s) where activities are performed under accreditation

Head Office

Daalsesingel 51A
3511 SW
Utrecht
The Netherlands

| Location | Certification Scheme |
|---|--|
| Daalsesingel 51A 3511 SW Utrecht The Netherlands | <ul style="list-style-type: none">• Directive (EU) 2016/797• Regeling Indienststelling Spoorvoertuigen• Koninklijk besluit tot bepaling bepaling van de vereisten van toepassing op de spoorweginfrastructuur• Koninklijk besluit tot aanneming van de van toepassing zijnde vereisten op het rollend materieel voor het gebruik van rijpaden |
| C/Agustín de Foxá 29 9B 28036 Madrid Spain | <ul style="list-style-type: none">• Directive (EU) 2016/797 (modules SB, SD, SG, SF and SH1) |

| Product / Product Group | Module / article | Conformity assessment procedure |
|--------------------------------|-------------------------|--|
|--------------------------------|-------------------------|--|

**Directive (EU) 2016/797
Interoperability of the rail system within the European Union (recast)**

The accreditation for the specified activities is suitable for notification

Accreditation granted in accordance with Technical document MNB - Assessment scheme, 000MRA1044, Requirements for conformity assessment bodies seeking notification, version 1.1

This annex has been approved by the Board of the Dutch Accreditation Council, on its behalf,

J.A.W.M. de Haas

Annex to declaration of accreditation (scope of accreditation)
 Normative document: EN ISO/IEC 17065:2012
 Registration number: **C 653**

of **Ricardo Certification B.V.**

This annex is valid from: **07-02-2024 to 01-03-2024** Replaces annex dated: **13-12-2023**
Prolonged until 01-06-2024

| Product / Product Group | Module / article | Conformity assessment procedure |
|---------------------------------|--|--|
| Infrastructure | EC-type examination (Module CB) | Regulation (EU) No 1299/2014 Regulation (EU) No 1300/2014 |
| | Conformity to type based on quality management system of the production process (Module CD) | Regulation (EU) No 1303/2014 Regulation (EU) No 2016/912 Regulation (EU) No 2019/772 Regulation (EU) No 2019/776 Regulation (EU) 2023/1694 |
| | Conformity to type based on product verification (Module CF) | Decision 2002/732/EC |
| | Conformity based on full quality management system (Module CH) | Decision 2008/163/EC Decision 2008/164/EC Decision 2008/217/EC |
| | EC verification based on unit verification (Module SG) | Decision 2010/713/EU Decision 2011/275/EU |
| | EC verification based on full quality management system plus design examination (Module SH1) | Decision 2012/462/EU Decision 2012/464/EU |
| Energy | EC-type examination (Module CB) | Regulation (EU) No 1301/2014 Regulation (EU) No 1303/2014 |
| | Conformity based on full quality management system (Module CH) | Regulation (EU) No 2016/912 Regulation (EU) No 2018/868 Regulation (EU) No 2019/776 Regulation (EU) 2023/1694 |
| | Conformity based on full quality management system plus design examination (Module CH1) | Decision 2002/733/EC Decision 2008/163/EC |
| | EC verification based on unit verification (Module SG) | Decision 2008/284/EC Decision 2010/713/EU |
| | EC verification based on full quality management system plus design examination (Module SH1) | Decision 2011/274/EU Decision 2012/462/EU Decision 2012/464/EU |
| Control, Command and signalling | EC-type examination (Module CB) | Regulation (EU) No 1303/2014 Regulation (EU) No 2016/912 |
| | Conformity to type based on quality management system of the production process (Module CD) | Regulation (EU) No 2016/919 Regulation (EU) No 2019/776 Regulation (EU) 2023/1695 |
| | Conformity to type based on product verification (Module CF) | Decision 2002/731/EC Decision 2004/447/EC Decision 2006/679/EC |
| | Conformity based on full quality management system plus design examination (Module CH1) | Decision 2006/860/EC Decision 2007/153/EC Decision 2008/163/EC |
| | EC-type examination (Module SB) | Decision 2008/386/EC Decision 2009/561/EC |
| | EC verification based on quality management system of the production process (Module SD) | Decision 2010/79/EU Decision 2010/713/EU Decision 2012/88/EU |
| | EC verification based on quality management system of the production process (Module SF) | Decision 2012/462/EU Decision 2012/463/EU Decision 2012/464/EU |
| | EC verification based on unit verification (Module SG) | Decision 2012/696/EU Decision 2015/14/EU |

Annex to declaration of accreditation (scope of accreditation)
 Normative document: EN ISO/IEC 17065:2012
 Registration number: **C 653**

of **Ricardo Certification B.V.**

This annex is valid from: **07-02-2024 to 01-03-2024** Replaces annex dated: **13-12-2023**
Prolonged until 01-06-2024

| Product / Product Group | Module / article | Conformity assessment procedure |
|-------------------------|--|---|
| | EC verification based on full quality management system plus design examination (Module SH1) | |
| Rolling Stock | Internal production control plus product verification by individual examination (Module CA1) | Regulation (EU) No 321/2013 Regulation (EU) No 1236/2013 Regulation (EU) No 1300/2014 Regulation (EU) No 1302/2014 Regulation (EU) No 1303/2014 Regulation (EU) No 1304/2014 |
| | Internal production control plus product verification at random intervals (CA2) | Regulation (EU) No 2015/924 Regulation (EU) No 2016/912 Regulation (EU) No 2018/868 Regulation (EU) No 2019/772 Regulation (EU) No 2019/774 Regulation (EU) No 2019/776 Regulation (EU) 2023/1694 |
| | EC-type examination (Module CB) | Decision 2002/735/EC Decision 2004/446/EC Decision 2006/66/EC Decision 2006/861/EC Decision 2008/163/EC Decision 2008/164/EC Decision 2008/232/EC Decision 2009/107/EC Decision 2010/713/EU Decision 2011/229/EU Decision 2011/291/EU Decision 2012/462/EU Decision 2012/464/EU |
| | Conformity to type based on quality management system of the production process (Module CD) | |
| | Conformity to type based on product verification (Module CF) | |
| | Conformity based on full quality management system (Module CH) | |
| | Type validation by in-service experience (suitability for use) (Module CV) | |
| | Conformity based on full quality management system plus design examination (Module CH1) | |
| | EC-type examination (Module SB) | |
| | EC verification based on quality management system of the production process (Module SD) | |
| | EC verification based on quality management system of the production process (Module SF) | |
| | EC verification based on full quality management system plus design examination (Module SH1) | |

Regeling Indienststelling Spoorvoertuigen

The accreditation for the specified activities is suitable for designation (Designated Body acc. Article 45 of Directive (EU) 2016/797)

| | | |
|---------------|--|---|
| Rolling Stock | EC-type examination (Module SB) | Paragraph 2, 3, 4 and 6, with the corresponding attachments |
| | EC verification based on quality management system of the production process (Module SD) | |
| | EC verification based on quality management system of the production process (Module SF) | |
| | EC verification based on full quality management system plus design examination (Module SH1) | |

Annex to declaration of accreditation (scope of accreditation)
 Normative document: EN ISO/IEC 17065:2012
 Registration number: **C 653**

of **Ricardo Certification B.V.**

This annex is valid from: **07-02-2024 to 01-03-2024** Replaces annex dated: **13-12-2023**
Prolonged until 01-06-2024

| Product / Product Group | Module / article | Conformity assessment procedure |
|---------------------------------|--|---------------------------------|
| Control, Command and Signalling | EC-type examination (Module SB) | |
| | EC verification based on quality management system of the production process (Module SD) | |
| | EC verification based on quality management system of the production process (Module SF) | |
| | EC verification based on unit verification (Module SG) | |
| | EC verification based on full quality management system plus design examination (Module SH1) | |

The accreditation for the activities below is a temporary accreditation with restrictive conditions. This accreditation has been granted on 16-06-2021 and is valid up to 36 months after this date.

13 OKTOBER 2011 – Koninklijk besluit tot bepaling bepaling van de vereisten van toepassing op de spoorweginfrastructuur

The accreditation for the specified activities is suitable for designation (Designated Body acc. Article 45 of Directive (EU) 2016/797)

| | | |
|----------------|--|----------------------------------|
| Infrastructure | EC-type examination (Module CB) | Appendix section A and section B |
| | Conformity to type based on quality management system of the production process (Module CD) | |
| | Conformity to type based on product verification (Module CF) | |
| | Conformity based on full quality management system (Module CH) | |
| | EC verification based on unit verification (Module SG) | |
| | EC verification based on full quality management system plus design examination (Module SH1) | |
| Energy | EC-type examination (Module CB) | |
| | Conformity based on full quality management system (Module CH) | |
| | Conformity based on full quality management system plus design examination (Module CH1) | |
| | EC verification based on unit verification (Module SG) | |
| | EC verification based on full quality management system plus design examination (Module SH1) | |

Annex to declaration of accreditation (scope of accreditation)
 Normative document: EN ISO/IEC 17065:2012
 Registration number: **C 653**

of **Ricardo Certification B.V.**

This annex is valid from: **07-02-2024 to 01-03-2024** Replaces annex dated: **13-12-2023**
Prolonged until 01-06-2024

| Product / Product Group | Module / article | Conformity assessment procedure |
|--|--|--|
| Control, Command and Signalling - Trackside - On-board | EC-type examination (Module CB) | Appendix section A and section B |
| | Conformity to type based on quality management system of the production process (Module CD) | |
| | Conformity to type based on product verification (Module CF) | |
| | Conformity based on full quality management system plus design examination (Module CH1) | |
| | EC-type examination (Module SB) | |
| | EC verification based on quality management system of the production process (Module SD) | |
| | EC verification based on quality management system of the production process (Module SF) | |
| | EC verification based on unit verification (Module SG) | |
| | EC verification based on full quality management system plus design examination (Module SH1) | |

The accreditation for the activities below is a temporary accreditation with restrictive conditions. This accreditation has been granted on 16-06-2021 and is valid up to 36 months after this date.

6 DECEMBER 2020 – Koninklijk besluit tot aanneming van de van toepassing zijnde vereisten op het rollend materieel voor het gebruik van rijpaden

The accreditation for the specified activities is suitable for designation (Designated Body acc. Article 45 of Directive (EU) 2016/797)

| | | |
|---------------|--|----------------------------------|
| Rolling Stock | Internal production control plus product verification by individual examination (Module CA1) | Appendix section A and section B |
| | Internal production control plus product verification at random intervals (CA2) | |
| | EC-type examination (Module CB) | |
| | Conformity to type based on quality management system of the production process (Module CD) | |
| | Conformity to type based on product verification (Module CF) | |

Annex to declaration of accreditation (scope of accreditation)
 Normative document: EN ISO/IEC 17065:2012
 Registration number: **C 653**

of **Ricardo Certification B.V.**

This annex is valid from: **07-02-2024 to 01-03-2024** Replaces annex dated: **13-12-2023**
Prolonged until 01-06-2024

| Product / Product Group | Module / article | Conformity assessment procedure |
|--|--|----------------------------------|
| Rolling Stock | Conformity based on full quality management system (Module CH) | Appendix section A and section B |
| | Type validation by in-service experience (suitability for use) (Module CV) | |
| | Conformity based on full quality management system plus design examination (Module CH1) | |
| | EC-type examination (Module SB) | |
| | EC verification based on quality management system of the production process (Module SD) | |
| | EC verification based on quality management system of the production process (Module SF) | |
| | EC verification based on full quality management system plus design examination (Module SH1) | |
| Control, Command and Signalling - Trackside - On-board | EC-type examination (Module CB) | |
| | Conformity to type based on quality management system of the production process (Module CD) | |
| | Conformity to type based on product verification (Module CF) | |
| | Conformity based on full quality management system plus design examination (Module CH1) | |
| | EC-type examination (Module SB) | |
| | EC verification based on quality management system of the production process (Module SD) | |
| | EC verification based on quality management system of the production process (Module SF) | |
| | EC verification based on unit verification (Module SG) | |
| | EC verification based on full quality management system plus design examination (Module SH1) | |