

EC Design Examination Certificate

Certificate Number: 1278/2/CH1/2017/CCO/EN/0080

In accordance with Directive 2008/57/EC of 17 June 2008, amended by 2009/131/EC of 16 October 2009, 2011/18/EU of 1 March 2011, 2013/9/EU of 11 March 2013, 2014/38/EU of 10 March 2014, and 2014/106/EU of 5 December 2014.

Object of Assessment	Interoperability Constituent DK-STM version 03.00.09, as detailed in the "Design Examination Report", document id. SINTEF 2017:00828, version 3.0, dated 19 December 2017, with geographical scope of operation limited to the Danish ATC infrastructure.
Applicant/Manufacturer	Siemens AS, Borupvang 9, DK-2750 Ballerup, Denmark
Manufacturer	Siemens AS, Borupvang 9, DK-2750 Ballerup, Denmark, and Siemens AG, Ackerstr. 22, 38126 Braunschweig, Germany
Manufacturing Location(s)	See above.
Assessment Requirements	TSI CCS (EU) 2016/919, in combination with the Harmonised Standards, Voluntary Standards and Alternative Solutions as identified in the Design Examination Report SINTEF 2017:00828, v3.0, sections 1.2 and 4.4.13 - 4.4.19.
Exemptions from Assessment	None
Module applied	CH1
Assessment Result	The Object of Assessment as identified above was shown to comply with the Assessment Requirements, subject to any restrictions and conditions as identified below. The Assessment Results are provided in detail within the attached Design Examination Report, ref. SINTEF 2017:00828, version 3.0. The Essential Requirements have been assessed as being met through compliance with the requirements of the relevant TSI only.
Restrictions/Conditions	There is one limiting condition as pointed out in chapter 6 of the Design Examination Report SINTEF 2017:00828, v3.0.
Annex of EC Certificate	Design Examination Report, SINTEF 2017:00828, version 3.0
EC Assessment Report	SINTEF 2017:00828, version 3.0. The report is an integral part of this Certificate.
EC Technical File/Documentation	Design Examination Report SINTEF 2017:00828, v3.0
Validity	This certificate is valid for the object of assessment as mentioned above and as long as the Object of Assessment and the relevant technical documentation are not modified.

DATE of Issue: 2017-12-19

Signature: *Maria Bartnes*

Name: Maria Bartnes

Title: Research Director, SINTEF Digital

On behalf of

SJS, Centre for Railway Certification / 7465 Trondheim, Norway / Notified Body nr: 1278