

Ydeevnedeklaration Declaration of Performance

Method **3B**
Metode

The manufacturer **Carl C. A/S**
Fabrikanten Smedevej 2, DK-6900 Skjern

Hereby declares that the following construction is in compliance with
deklarerer hermed, at følgende byggevare stemmer overens med

Product description **Tarm Idrætscenter - Ordre 10046 - 6 stk. 18 m master, serie 0**
Produktbetegnelse

Consistent with the provisions of the following EC Directive (s):
stemmer overens med bestemmelserne i følgende EF-direktiv(er):

- | | |
|----|--|
| UK | ■ Regulation (EU) No 305/2011 of the European Parliament and the Council of 9 th March 2011 to determination of harmonized conditions for the marketing of construction products and repealing Directive 89/106/EEC EC Construction Products Regulation |
| DK | ■ Forordning (EU) nr 305/2011 fra Det Europæiske Parlament og Rådet af 9. marts 2011 til fastlæggelse af harmoniserede betingelser for markedsføring af byggevarer og til ophævelse af direktiv 89/106/EØF EF-Byggevareforordning |

and that the following standards are used during design and manufacture:
og at følgende standarder er anvendt ved design og konstruktion:

EN 1990	Eurocode 0: Basis of structural design
EN 61400-12-1	Wind turbines— Part 12-1: Power performance measurements of electricity producing wind turbines.
ISO 12494	Atmospheric icing of structures
EN 1991-1-4	Eurocode 1: Actions on structures – Part 1-4: General actions - Wind actions
EN 1991-1-5	Eurocode 1: Actions on structures – Part 1-5: General actions – Thermal actions
EN 1992-1-1	Eurocode 2: Design of concrete structures Part 1-1
EN 1993-1-1	Eurocode 3: Design of steel structures - Part 1-1: General rules and rules for buildings
EN 1993-1-8	Eurocode 3: Design of steel structures - Part 1-8: Design of joints
EN 1993-1-9	Eurocode 3: Design of steel structures – Part 1-9: Fatigue
EN 1993-1-10	Eurocode 3: Design of steel structures – Part 1-10: Material toughness & throughnessthickness properties
EN 1993-3-1	Eurocode 3: Design of steel structures – Part 3-1: Towers, masts and chimneys. Towers and masts
EN 1997-1	Eurocode 7: Geotechnical design Part 1 – General rules
EN 1090-1 + A1	Execution of steel structures and aluminium structures - Part 1: Requirements for conformity assessment of structural components
EN 1090-2 + A1	Execution of steel structures and aluminium structures - Part 2: Technical requirements for steel structures
EN 13501-1	Fire Test to Building Material –Classification. Fire behaviour of building materials and elements - Overview and design of classified building materials, elements and components

Performance characteristics <i>Ydelseegenskaber</i>	Performance / Categorization / Classification <i>Ydeevne / Kategorisering / Klassifikation</i>
---	--

Geometric tolerances <i>Geometriske tolerancer</i>	EN 1090-2, ISO 2768-1, General note - 10046-GN01
---	--

Weldability <i>Svejsbarhed</i>	Solid/Hollow Diagonals:	S235JR	-	-
	Legs:	S355J2	-	-
	Plates:	S355J2	-	-
Fracture resistance/resistance to brittle fracture <i>Brudsøjhed/modstand mod sprødbrud</i>	Solid/Hollow Diagonals:	27J,20°	-	-
	Legs:	27J,-20°	-	-
	Plates:	27J,-20°	-	-

Bearing capacity <i>Bæreevne</i>	Basic wind speed	24 m/s
	Terrain category	II
	Design life	30 years
	Wind drag area and weight	Design acc. to Eurocode 3 - Reference to calculation
	Consequence/reliability class	2

Execution Class <i>Udførelsesklasse</i>	EXC 2 EN 1090-2
--	-----------------

Fatigue strength <i>Udmattelsestyrke</i>	NPD
---	-----

Fire resistance (EN 13501-1) <i>Brandmodstand evne (EN 13501-1)</i>	Class A1
--	----------

Reaction to fire (EN 13501-1) <i>Reaktion ved brand (EN 13501-1)</i>	Class A1
---	----------

Release of cadmium and its compounds <i>Afgivelse af cadmium og forbindelser deraf</i>	NPD
---	-----

Emission of Radiation <i>Afgivelse af radioaktiv stråling</i>	NPD
--	-----

Durability <i>Holdbarhed</i>	N/A
---------------------------------	-----

Manufacturing DWG No.: <i>Fremstilling tegnings nr.:</i>	I h.t. tegn. nr. s0-18m-202-00-A LED
---	--------------------------------------

EC declaration of conformity system <i>Ydeevnedeklarationssystem</i>	Welded steel structural components up to EXC4 to EN1090-2
---	---

Description of the product / Intended use:
Beskrivelse af produktet/tilsigtet anvendelse:

UK:

DK:

18,0 m mast, serie 0 for belysning

Certificate acc. to EN 1090 regarding declaration of performance of the company's own production control:
Certifikat iht. EN 1090 vedr. ydeevnedeklaration af virksomhedens egen produktionskontrol:

Name and address of the
notified body:

Force Certification A/S
Park Allé 345
DK-2605 Brøndby

*Navn og adresse på det
bemyndigede organ:*

ID no. of the notified body:

200

Certificate Number:

0200-CPR-G-003 version 1

Date of issue:

17.12.2013

Responsible Agent for preparation and verification of the technical documentation.
Ansvarlig fuldmægtig til udarbejdelse og kontrol af den tekniske dokumentation.

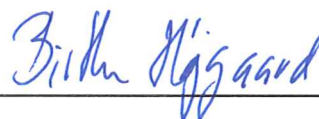
QHSE manager, ISean Aggenem Jensen
Sales Scandinavi.Allan T Jensen

Carl C. A/S

Skjern, 18.08.2016



QHSE manager, IWT :
Sean Aggenem Jensen



Sales Scandinavian:
Allan T Jensen



0200



Carl C. A/S
Smedevej 2
DK-6900 Skjern

16
0200-CPR-G-003 version 1

<i>Product description</i>	<i>Tarm Idrætscenter - Ordre 10046 - 6 stk. 18 m master, serie 0</i>			
<i>Type</i>				
<i>Geometric tolerances</i>	<i>EN 1090-2, ISO 2768-1, General note - 10046-GN01</i>			
<i>Geometriske tolerancer</i>				
<i>Weldability</i>	<i>Solid/Hollow Diagonals:</i>	<i>S235JR</i>	-	-
	<i>Legs:</i>	<i>S355J2</i>	-	-
	<i>Plates:</i>	<i>S355J2</i>	-	-
<i>Svejsbarhed</i>				
<i>Fracture resistance/resistance to brittle fracture</i>	<i>Solid/Hollow Diagonals:</i>	<i>27J,20°</i>	-	-
	<i>Legs:</i>	<i>27J,-20°</i>	-	-
	<i>Plates:</i>	<i>27J,-20°</i>	-	-
<i>Brudsejhed/modstand mod sprødbrud</i>				
<i>Bearing capacity</i>	<i>Basic wind speed</i>	<i>24 m/s</i>		
<i>Bæreevne</i>	<i>Terrain category</i>	<i>II</i>		
	<i>Design life</i>	<i>30 years</i>		
	<i>Wind drag area and weight</i>	<i>Design acc. to Eurocode 3 - Reference to calculation</i>		
	<i>Consequence/reliability class</i>	<i>2</i>		
<i>Execution Class</i>	<i>EXC 2 EN 1090-2</i>			
<i>Udførelsesklasse</i>				
<i>Fatigue strength</i>	<i>NPD</i>			
<i>Udmattelsestyrke</i>				
<i>Fire resistance (EN 13501-1)</i>	<i>Class A1</i>			
<i>Brandmodstand evne (EN 13501-1)</i>				
<i>Reaction to fire (EN 13501-1)</i>	<i>Class A1</i>			
<i>Reaktion ved brand (EN 13501-1)</i>				
<i>Release of cadmium and its compounds</i>	<i>NPD</i>			
<i>Afgivelse af cadmium og forbindelser deraf</i>				
<i>Emission of Radiation</i>	<i>NPD</i>			
<i>Afgivelse af radioaktiv stråling</i>				
<i>Durability</i>	<i>N/A</i>			
<i>Holdbarhed</i>				
<i>Manufacturing DWG No.:</i>	<i>I h.t. tegn. nr. s0-18m-202-00-A LED</i>			
<i>Fremstilling tegnings nr.:</i>				
<i>EC declaration of conformity system</i>	<i>Welded steel structural components up to EXC4 to EN1090-2</i>			
<i>Ydeevnedeklarationssystem</i>				