



® TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.
Technical and Test Institute for Construction Prague, SOE

Akreditované laboratoře, Autorizovaná osoba, Oznámený subjekt, Subjekt pro technické posuzování, Certifikační orgány,
Inspekční orgán / Accredited Laboratories, Authorized Body, Notified Body, Technical Assessment Body, Certification Bodies,
Inspection Body • Prosecká 811/76a, Prosek, 190 00 Praha 9, Czech Republic

Notified Body 1020

CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL

No. 1020 – CPR – 070045001

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

Metal chimney systems, metal rigid flue liners, accessories and fittings operating in negative and positive pressure, intended for discharging of exhaust gases to the atmosphere

Chimney system type SOLINOX SINGLE WALL:

- SLXB (Ø100 to Ø600) T160-N1-D-V₂-L50(040-150)-G300+G600
- SLXB (Ø100 to Ø600) T160-N1-W-V₂-L50(040-150)-O300+O600
- SLXB (Ø100 to Ø1200) T400-N1-D-V₂-L50(040-150)- G250+G1000
- SLXB (Ø100 to Ø1200) T400-N1-W-V₂-L50(040-150)- O250+O1000
- SLXB (Ø100 to Ø600) T200-P1-W-V₂-L50(040-150)- O150+O300
- SLXB (Ø 80 to Ø 600) T600-N1-D-V₂-L50(040-150)-G250+G600
- ECO SW (Ø 80 to Ø 1200) T450-N1-D-Vm-L20(040-150)-G250

Chimney system type SOLINOX DOUBLE WALL:

- SLXBA (Ø100 to Ø1200) T400-N1-D-V₂-L50(040-150)- G100+G400
- SLXBA (Ø100 to Ø1200) T400-N1-W-V₂-L50(040-150)-O100+O400
- SLXBA (Ø 80 to Ø 600) T600-N1-D-V₂-L50(040-150)- G50
- SLXBA (Ø 80 to Ø 600) T200-P1-W-V₂-L50(040-150)-O100+O600
- ECO DW (Ø 80 to Ø 1200) T600-N1-D-Vm-L20(040-150)-G100
- SLXBA (Ø 80 to Ø 600) T600-N1-W-V₂-L50(040-150)- G50

placed on the market under the name or trade mark of

MURAT ÇANKIRLI İNŞAAT MAKİNA GIDA SAN VE TİC. LTD. ŞTİ.

Büyükkayacıkosb Mah. Kırım Cad. İdari Bina No: 12 Selçuklu / Konya, Turkey

and produced in the manufacturing plant

MURAT ÇANKIRLI İNŞAAT MAKİNA GIDA SAN VE TİC. LTD. ŞTİ.

Büyükkayacıkosb Mah. Kırım Cad. İdari Bina No: 12 Selçuklu / Konya, Turkey

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

EN 1856-1:2009; EN 1856-2:2009

under system 2+ are applied and that

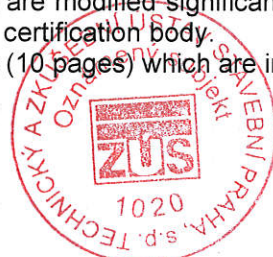
the factory production control is assessed to be in conformity with the applicable requirements.

This certificate was first issued on 20 March 2013 under CPD and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body.

This certificate includes nine annexes (10 pages) which are integral parts of the certificate.

The stamp of the Notified Body 1020

Ostrava, 3 September, 2024




Ing. Vladimír Plaček, Ph.D.
Deputy manager of the Notified Body



Certificate 1020-CPR-070045001
Annex No.1

**Technical description: Chimney system type SOLINOX SINGLE WALL type:
SLXB T160-N1-D(W)-V₂-L50(040-150)-G(O)300÷600**

Nominal diameter of flue liner [mm]	100	130	150	180	200	250	300	350	400	450	500	550	600
Thickness of insulation	----												
Grade of material	Flue liner - steel grade 1.4404												
Thickness of flue liner	from 0,40 mm to 1,50 mm												
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels												
Pressure level	Negative pressure - pressure level: N1												
Temperature class	160°C (T160)												
Condensate resistance	working dry - D, working wet - W												
Distance to combustible material	Diameter (100 - 300 mm)				Diameter (301 - 450 mm)				Diameter (451 - 600 mm)				
	min. 300 mm				min. 450 mm				min. 600 mm				
Thermal resistance	----												
Corrosion resistance	V ₂												
Sootfire resistance	G - resistant or O - not resistant												

**Example of labeling for all chimney sections and fittings acc. EN 1856-1:2009 and EN 1856-2:2009
type: SLXB T160-N1-D-V₂-L50-G300÷G600**

	EN 1856-1/2	T160	N1	D	V₂	L50(040-150)	G300
<i>Standard number</i>							
<i>Temperature level (°C)</i>							
<i>Pressure level (negative pressure)</i>							
<i>Condensate resistance (D: dry)</i>							
<i>Corrosion resistance (V₂ - dec. acc. to tests)</i>							
<i>Flue liner material specification (L50 - steel 1.4404, thickness of flue liner 0,40÷1,50 mm)</i>							
<i>Sootfire resistance (G: resistant), distance to combustible material: min.300 mm</i>							

type: SLXB T160-N1-W-V₂-L50-O300÷O600

	EN 1856-1/2	T160	N1	W	V₂	L50(040-150)	O300
<i>Standard number</i>							
<i>Temperature level (°C)</i>							
<i>Pressure level (negative pressure)</i>							
<i>Condensate resistance (W: wet)</i>							
<i>Corrosion resistance (V₂ - dec. acc. to tests)</i>							
<i>Flue liner material specification (L50 - steel 1.4404, thickness of flue liner 0,40÷1,50 mm)</i>							
<i>Sootfire resistance (O: not resistant), distance to combustible material: min.300 mm</i>							

The stamp of the Notified Body 1020

Ostrava, 14 October, 2015



Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body



Certificate 1020-CPR-070045001
Annex No.2

**Technical description: Chimney system type SOLINOX SINGLE WALL type:
SLXB T400-N1-D(W)-V₂-L50(040-150)-G(O)250÷1000**

Nominal diameter of flue liner [mm]	100	130	150	180	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
Thickness of insulation	----																								
Grade of material	Flue liner - steel grade 1.4404																								
Thickness of flue liner	from 0,40 mm to 1,50 mm																								
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels																								
Pressure level	Negative pressure - pressure level: N1																								
Temperature class	400°C (T400)																								
Condensate resistance	working dry - D, working wet - W																								
Distance to combustible material	Diameter (100 - 300 mm)					Diameter (301 - 450 mm)					Diameter (451 - 600 mm)					Diameter (601 - 1200 mm)									
	min. 250 mm					min. 375 mm					min. 500 mm					min. 1000 mm									
Thermal resistance	----																								
Corrosion resistance	V ₂																								
Sootfire resistance	G - resistant or O - not resistant																								

**Example of labeling for all chimney sections and fittings acc. EN 1856-1:2009 and EN 1856-2:2009
type: SLXB T400-N1-D-V₂-L50-G250÷G1000**

	EN 1856-1/2	T400	N1	D	V₂	L50(040-150)	G250
Standard number							
Temperature level (°C)							
Pressure level (negative pressure)							
Condensate resistance (D: dry)							
Corrosion resistance (V ₂ - dec. acc. to tests)							
Flue liner material specification (L50 - steel 1.4404, thickness of flue liner 0,40÷1,50 mm)							
Sootfire resistance (G: resistant), distance to combustible material: min.250 mm							

type: SLXB T400-N1-W-V₂-L50-O250÷O1000

	EN 1856-1/2	T400	N1	W	V₂	L50(040-150)	O250
Standard number							
Temperature level (°C)							
Pressure level (negative pressure)							
Condensate resistance (W: wet)							
Corrosion resistance (V ₂ - dec. acc. to tests)							
Flue liner material specification (L50 - steel 1.4404, thickness of flue liner 0,40÷1,50 mm)							
Sootfire resistance (O: not resistant), distance to combustible material: min.250 mm							

The stamp of the Notified Body 1020

Ostrava, 14 October, 2015



Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body



Certificate 1020-CPR-070045001
Annex No.3

**Technical description: Chimney system type SOLINOX SINGLE WALL type:
SLXB T200-P1-W-V₂-L50(040-150)-O150÷300**

Nominal diameter of flue liner [mm]	100	130	150	180	200	250	300	350	400	450	500	550	600
Thickness of insulation	----												
Grade of material	Flue liner - steel grade 1.4404												
Thickness of flue liner	from 0,40 mm to 1,50 mm												
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels												
Pressure level	Positive pressure - pressure level: P1												
Temperature class	200°C (T200)												
Condensate resistance	working wet – W												
Distance to combustible material	Diameter (100 - 300 mm)				Diameter (301 - 450 mm)				Diameter (451 - 600 mm)				
	min. 150 mm				min. 225 mm				min. 300 mm				
Thermal resistance	----												
Corrosion resistance	V ₂												
Sootfire resistance	O – not resistant												

**Example of labeling for all chimney sections and fittings acc. EN 1856-1:2009 and EN 1856-2:2009
type: SLXB T200-P1-W-V₂-L50-O150÷O300**

	EN 1856-1/2	T200	P1	W	V₂	L50(040-150)	O150
<i>Standard number</i>							
<i>Temperature level (°C)</i>							
<i>Pressure level (positive pressure)</i>							
<i>Condensate resistance (W: wet)</i>							
<i>Corrosion resistance (V₂ – dec. acc. to tests)</i>							
<i>Flue liner material specification (L50 - steel 1.4404, thickness of flue liner: 0,40÷1,50 mm)</i>							
<i>Sootfire resistance (O: not resistant), distance to combustible material: min. 150 mm</i>							

The stamp of the Notified Body 1020

Ostrava, 14 October, 2015



Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body



Certificate 1020-CPR-070045001
Annex No.4

**Technical description: Chimney system type SOLINOX DOUBLE WALL type:
SLXBA T400-N1-D(W)-V₂-L50(040-150)-G(O)100÷400**

Nominal diameter of flue liner [mm]	100	130	150	180	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200
Thickness of insulation	30 mm																								
Grade of material	Flue liner - steel grade 1.4404, Outer wall - steel grade 1.4301, steel grade 1.4016 or Aluminium																								
Thickness of flue liner	from 0,40 mm to 1,50 mm																								
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels																								
Pressure level	Negative pressure - pressure level: N1																								
Temperature class	400°C (T400)																								
Condensate resistance	working dry - D, working wet - W																								
Distance to combustible material	Diameter (100 - 300 mm)					Diameter (301 - 450 mm)					Diameter (451 - 600 mm)					Diameter (601 - 1200 mm)									
	min. 100 mm					min. 150 mm					min. 200 mm					min. 400 mm									
Thermal resistance	Technical documentation of producer (0,4 m ² K/W)																								
Corrosion resistance	V ₂																								
Sootfire resistance	G - resistant or O - not resistant																								

**Example of labeling for all chimney sections and fittings acc. EN 1856-1:2009 and EN 1856-2:2009
type: SLXBA T400-N1-D-V₂-L50-G100÷G400**

	EN 1856-1/2	T400	N1	D	V₂	L50(040-150)	G100
Standard number							
Temperature level (°C)							
Pressure level (negative pressure)							
Condensate resistance (D: dry)							
Corrosion resistance (V ₂ - dec. acc. to tests)							
Flue liner material specification (L50 - steel 1.4404, thickness of flue liner: 0,40÷1,50 mm)							
Sootfire resistance (G: resistant), distance to combustible material: min. 100 mm							

type: SLXBA T400-N1-W-V₂-L50-O100÷O400

	EN 1856-1/2	T400	N1	W	V₂	L50(040-150)	O100
Standard number							
Temperature level (°C)							
Pressure level (negative pressure)							
Condensate resistance (W: wet)							
Corrosion resistance (V ₂ - dec. acc. to tests)							
Flue liner material specification (L50 - steel 1.4404, thickness of flue liner: 0,40÷1,50 mm)							
Sootfire resistance (O: not resistant), distance to combustible material: min. 100 mm							

The stamp of the Notified Body 1020

Ostrava, 14 October, 2015



Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body



Certificate 1020-CPR-070045001
Annex No.5

**Technical description: Chimney system type SOLINOX SINGLE WALL type:
SLXB T600-N1-D-V₂-L50(040-150)-G250÷600**

Nominal diameter of flue liner [mm]	80	100	130	150	180	200	250	300	350	400	450	500	550	600
Thickness of insulation	----													
Grade of material	Flue liner - steel grade 1.4404													
Thickness of flue liner	from 0,40 mm to 1,50 mm													
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels													
Pressure level	Negative pressure - pressure level: N1													
Temperature class	600°C (T600)													
Condensate resistance	working dry - D													
Distance to combustible material	Diameter (80 - 300 mm)				Diameter (301 - 450 mm)				Diameter (451 - 600 mm)					
	min. 250 mm				min. 450 mm				min. 600 mm					
Thermal resistance	----													
Corrosion resistance	V ₂													
Sootfire resistance	G – resistant													

**Example of labeling for all chimney sections and fittings acc. EN 1856-1:2009 and EN 1856-2:2009
type: SLXB T600-N1-D-V₂-L50(040-150)-G250÷600**

	EN 1856-1/2	T600	N1	D	V₂	L50(040-150)	G250
Standard number							
Temperature level (°C)							
Pressure level (negative pressure)							
Condensate resistance (D: dry)							
Corrosion resistance (V ₂ – dec. acc. to tests)							
Flue liner material specification (L50 - steel 1.4404, thickness of flue liner 0,40÷1,50 mm)							
Sootfire resistance (G: resistant), distance to combustible material: min.250 mm							

The stamp of the Notified Body 1020

Ostrava, 14 October, 2015



Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body



Certificate 1020-CPR-070045001
Annex No.6

**Technical description: Chimney system type SOLINOX DOUBLE WALL type:
SLXBA T600-N1-D-V₂-L50(040-150)-G50**

Nominal diameter of flue liner [mm]	80	100	130	150	180	200	250	300	350	400	450	500	550	600
Thickness of insulation	25 mm or 50 mm													
Grade of material	Flue liner - steel grade 1.4404, Outer wall - steel grade 1.4301, steel grade 1.4016 or Aluminium													
Thickness of flue liner	from 0,40 mm to 1,50 mm													
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels													
Pressure level	Negative pressure - pressure level: N1													
Temperature class	600°C (T600)													
Condensate resistance	working dry - D													
Distance to combustible material	min. 50 mm													
Thermal resistance	Technical documentation of producer (0,4 m ² K/W)													
Corrosion resistance	V ₂													
Sootfire resistance	G – resistant													

**Example of labeling for all chimney sections and fittings acc. EN 1856-1:2009 and EN 1856-2:2009
type: SLXBA T600-N1-D-V₂-L50(040-150)-G50**

	EN 1856-1/2	T600	N1	D	V₂	L50(040-150)	G50
Standard number							
Temperature level (°C)							
Pressure level (negative pressure)							
Condensate resistance (D: dry)							
Corrosion resistance (V ₂ – dec. acc. to tests)							
Flue liner material specification (L50 - steel 1.4404, thickness of flue liner: 0,40÷1,50 mm)							
Sootfire resistance (G: resistant), distance to combustible material: min.50 mm							

The stamp of the Notified Body 1020

Ostrava, 14 October, 2015



Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body



Certificate 1020-CPR-070045001
Annex No.7

**Technical description: Chimney system type SOLINOX DOUBLE WALL type:
SLXBA T200-P1-W-Vm-L50(040-150)-O100÷600**

Nominal diameter of flue liner [mm]	80	100	130	150	180	200	250	300	350	400	450	500	550	600
Thickness of insulation	25 mm or 50 mm													
Grade of material	Flue liner - steel grade 1.4404, Outer wall - steel grade 1.4301, steel grade 1.4016 or Aluminium													
Thickness of flue liner	from 0,40 mm to 1,50 mm													
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels													
Pressure level	Positive pressure - pressure level: P1													
Temperature class	200°C (T200)													
Condensate resistance	working wet - W													
Distance to combustible material	Diameter (80 - 300 mm)				Diameter (301 - 450 mm)				Diameter (451 - 600 mm)					
	min. 100 mm				min. 450 mm				min. 600 mm					
Thermal resistance	Technical documentation of producer (0,4 m ² K/W)													
Corrosion resistance	V ₂													
Sootfire resistance	O – not resistant													

**Example of labeling for all chimney sections and fittings acc. EN 1856-1:2009 and EN 1856-2:2009
type: SLXBA T200-P1-W-V₂-L50(040-150)-O100÷600**

	EN 1856-1/2	T200	P1	W	V₂	L50(040-150)	O100
Standard number							
Temperature level (°C)							
Pressure level (positive pressure)							
Condensate resistance (W: wet)							
Corrosion resistance (V ₂ – dec. acc. to tests)							
Flue liner material specification (L50 - steel 1.4404, thickness of flue liner: 0,40÷1,50 mm)							
Sootfire resistance (O: not resistant), distance to combustible material: min. 100 mm							

The stamp of the Notified Body 1020

Ostrava, 14 October, 2015



Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body

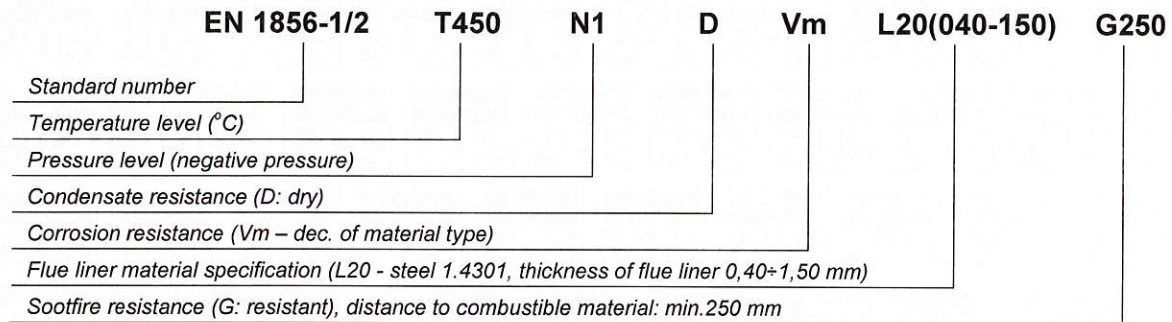


Certificate 1020-CPR-070045001
Annex No.8

**Technical description: Chimney system type SOLINOX SINGLE WALL type:
ECO SW T450-N1-D-Vm-L20(040-150)-G250**

Nominal diameter of flue liner [mm]	80	100	130	150	180	200	250	300	350	400	450	500	550	600
	650	700	750	800	850	900	950	1000	1050	1100	1150	1200		
Thickness of insulation	----													
Grade of material	Flue liner - steel grade 1.4301													
Thickness of flue liner	from 0,40 mm to 1,50 mm													
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels													
Pressure level	Negative pressure - pressure level: N1													
Temperature class	450°C (T450)													
Condensate resistance	working dry - D													
Distance to combustible material	min. 250 mm													
Thermal resistance	----													
Corrosion resistance	Vm													
Sootfire resistance	G – resistant													

**Example of labeling for all chimney sections and fittings acc. EN 1856-1:2009 and EN 1856-2:2009
type: ECO SW T450-N1-D-Vm-L20(040-150)-G250**



The stamp of the Notified Body 1020

Ostrava, 14 October, 2015



Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body



Certificate 1020-CPR-070045001
Annex No.9

**Technical description: Chimney system type SOLINOX DOUBLE WALL type:
ECO DW T600-N1-D-Vm-L20(040-150)-G100**

Nominal diameter of flue liner [mm]	80	100	130	150	180	200	230	250	300	350	400	450	500	550
	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	
Thickness of insulation	25 mm or 50 mm													
Grade of material	Flue liner - steel grade 1.4301 Outer wall - steel grade 1.4301 thickness 0,40mm – 0,80 mm, steel grade 1.4016 thickness 0,40mm													
Thickness of flue liner	from 0,40 mm to 1,50 mm													
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels													
Pressure level	Negative pressure - pressure level: N1													
Temperature class	600°C (T600)													
Condensate resistance	working dry - D													
Distance to combustible material	min. 100 mm													
Thermal resistance	Technical documentation of producer (0,4 m ² K/W)													
Corrosion resistance	Vm													
Sootfire resistance	G – resistant													

**Example of labeling for all chimney sections and fittings acc. EN 1856-1:2009 and EN 1856-2:2009
type: ECO DW T600-N1-D-Vm-L20(040-150)-G100**

	EN 1856-1/2	T600	N1	D	Vm	L20(040-150)	G100
<i>Standard number</i>							
<i>Temperature level (°C)</i>							
<i>Pressure level (negative pressure)</i>							
<i>Condensate resistance (D: dry)</i>							
<i>Corrosion resistance (Vm – dec. of material type)</i>							
<i>Flue liner material specification (L20 - steel 1.4301, thickness of flue liner: 0,40+1,50 mm)</i>							
<i>Sootfire resistance (G: resistant), distance to combustible material: min.100 mm</i>							

The stamp of the Notified Body 1020

Ostrava, 14 October, 2015



Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body



Certificate 1020-CPR-070045001
Annex No.10

**Technical description: Chimney system type SOLINOX DOUBLE WALL type:
SLXBA T600-N1-W-V₂-L50(040-150)-G50**

Nominal diameter of flue liner [mm]	80	100	130	150	180	200	250	300	350	400	450	500	550	600
Thickness of insulation	25 mm or 50 mm													
Grade of material	Flue liner - steel grade 1.4404, Outer wall - steel grade 1.4301, steel grade 1.4016 or Aluminium													
Thickness of flue liner	from 0,40 mm to 1,50 mm													
Purpose	Drain of combustion products of gas, of oil, of wood, of energy solid fuels													
Pressure level	Negative pressure - pressure level: N1													
Temperature class	600°C (T600)													
Condensate resistance	working wet - W													
Distance to combustible material	min. 50 mm													
Thermal resistance	Technical documentation of producer (0,4 m ² KW)													
Corrosion resistance	V ₂													
Sootfire resistance	G – resistant													

**Example of labeling for all chimney sections and fittings acc. EN 1856-1:2009 and EN 1856-2:2009
type: SLXBA T600-N1-W-V₂-L50(040-150)-G50**

	EN 1856-1/2	T600	N1	W	V₂	L50(040-150)	G50
Standard number							
Temperature level (°C)							
Pressure level (negative pressure)							
Condensate resistance (W: wet)							
Corrosion resistance (V ₂ – dec. acc. to tests)							
Flue liner material specification (L50 - steel 1.4404, thickness of flue liner: 0,40±1,50 mm)							
Sootfire resistance (G: resistant), distance to combustible material: min.50 mm							

The stamp of the Notified Body 1020

Ostrava, 20 December, 2018



Dipl. Eng. Vojtěch Šebek
Deputy manager of the Notified Body