Approval report for use of SKYTAC-SG

If a Söll fall arrest system (type designation of the rigid guide rail: C-ST, C-A4; C-AL, RC-AL**) shall be used with the SKYLOTEC fall arrester **SPEED** or **SPEED ATTACH** in future, an inspection must be carried out to check all the points mentioned in this report. Compliance with the specifications must be determined and the fall arrest system must be approved by completing this report, signing it personally and affixing the SKYLOTEC **SKYTAC-SG** type plate.

The approval may only be given when all points of this report have been answered with "OK". If accessory components are not present, please cross out the control point.

This report must also to be used for the regular inspections!

Approval check for the use of SPEED and SPEED ATTACH in Söll fall arrest systems

(Part 1, remains with the client)

Building/structural facility

Address: Order no.:

Building type:

Remarks:

Client

Name: Contact person:

Address:

Tel.:

Auditor

Name:

Address:

Tel.:

Fall arrest system

Manufacturer:

Model/type designation:

Installation number:

Delivered to:

(Client or his representative) Name in block capitals Signature

Approval given by:

Name in block capitals Signature

Place: **Date:**

Notes and important information:

- **Warning:**

  Only combinations of components listed in this report may be used. The combination with other, non-approved components can lead to hazards for the user or also to failure of the system.

- **The fall arrester SPEED may be used with the following accessory components of the Söll fall arrest system:**
  - **Exit section for aluminium ladders C-AL****
  - **Ho-Ver turntable**
  - **Rotary exit section**
  - **Pivoting roof exit**

- **The fall arrester SPEED ATTACH may be used with the following accessory components of the Söll fall arrest system:**
  - **Rotary exit section**
  - **Pivoting roof exit**

- **The SPEED fall arrester must NOT be used with the following accessory components of the Söll fall arrest system:**
  - **Turntable in conjunction with a horizontal guide rail**
  - **Exit section for steel/stainless steel ladders/guide rails C-ST**, C-A4** and for aluminium guide rails RC-AL**.**
  - **Internal rail connector (max. 50 mm gap, for aluminium guide rail RC-AL**)**
  - **Twisted changeover rail**
  - **Shaft entering device**
  - **Movable ladder section for aluminium ladders C-AL****
  - **Inserting ladder for hooking in from top (complete climbing path) for aluminium ladders C-AL****
  - **Inserting ladder for hooking from below (aluminium ladder C-AL**) as 1st ladder section at the beginning of the climbing path**
  - **Lateral climbing barriers**

- **The fall arrester SPEED ATTACH must NOT be used with the following accessory components of the Söll fall arrest system:**
  - **Turntable in conjunction with a horizontal guide rail**
  - **Exit section (all profiles**)**
  - **Ho-Ver turntable**
  - **Internal rail connector (max. 50 mm gap, for aluminium guide rail RC-AL**)**
  - **Twisted changeover rail**
  - **Shaft entering device**
  - **Movable ladder section for aluminium ladders C-AL****
  - **Inserting ladder for hooking in from top (complete climbing path) for aluminium ladders C-AL****
  - **Inserting ladder for hooking from below (aluminium ladder C-AL**) as 1st ladder section at the beginning of the climbing path**
  - **Lateral end stops**

- **The fall arresters SPEED and SPEED ATTACH must not be used in a potentially explosive atmosphere!**

- **The fall arresters including ladders/guide rails made of stainless steel should not be installed in highly corrosive atmospheres, e.g. above a swimming pool. There is a risk of invisible stress corrosion cracking.**

- **Important:**

For the inspection of the already installed Söll fall arrest systems, the manufacturer's instructions for installation and maintenance must be consulted and used (Appendix 1: Approval and inspection check list)!

The permissible fall arresters must be marked on the identification plate for SKYTAC-SG!

	Control activity	Check note (please cross) OK	NOK
(1)	The existing fall arrest system (rigid guide rail) consists exclusively of SÖLL components. No parts from other manufacturers are installed.	☐	☐
(2)	The approval ascent was carried out with a fall arrester certified with original fall arrest system from the manufacturer and thereby the following points are checked:	☐	☐
(2.1)	All screw fastenings were checked to ensure that they are firmly seated	☐	☐
(2.2)	Each ladder element is mounted with at least 1 bracket.	☐	☐
	Note: The ladder elements at the beginning and the end of the fall arrest system must be mounted with 2 mounting brackets.		
(2.3)	The mounting distance between the brackets is: - max. 1.680 mm (C-ST, C-A4, RC-AL, C-AL for Y-ladders**) and - max. 2.240 mm (C-AL for Twin ladders**)	☐	☐
(2.4)	The gap width of the rail connections is max. 5 mm	☐	☐
(2.5)	For RC-AL** aluminium guide rails, **no** internal rail connector is present (max. gap width 50 mm)	☐	☐
(2.6)	The ladders/guide rails are mounted in the correct orientation and all are aligned with each other.	☐	☐
(2.7)	The following maximum inclination angles of the guide rails to the vertical are not exceeded (see also the manufacturer's specifications):		
	continuous inclination towards the front max. 15°.	☐	☐
	in the area of bends to the front max. 20°, to the rear max. 8°.	☐	☐
	lateral inclination max. 15°	☐	☐
(2.8)	At the beginning and the end of the climbing path and at each entry and exit point Söll end stops, art. no. 26026, 26027, 11634, are in place to prevent incorrect insertion or unintentional leaving of the fall arresters.	☐	☐
(2.9)	There are no lateral end stops.	☐	☐
(2.10)	The Söll identification plate is present and legible.	☐	☐
(2.11)	Finally, the identification plate for **SKYTAC-SG** was captively mounted next to the the Söll plate to approve the usage.	☐	☐
(2.12)	On the identification plate for **SKYTAC-SG**, the permissible fall arresters were marked. (for this, see the notes and important information)	☐	☐
(2.13)	If available, footrests are properly installed and the distance between each other is max. 10 m.	☐	☐
(2.14)	There are no free ladder projections without reinforcement greater than 380 mm (for C-ST, C-A4, RC-AL**) or 525 mm (for C-AL**).	☐	☐
(2.15)	The free projection with reinforcement for ladders/guide rails C-ST** and C-A4** is **not greater than 1,050 mm.**	☐	☐

Note: The permissible free projection deviates from the specifications of the manufacturer and must be corrected when necessary.*

(2.16) The free projection with reinforcement for guide rails RC-AL** is not greater than 1,500 mm. ☐ ☐

(2.17) The free projection with reinforcement for aluminium ladders C-AL** with reinforcement is not greater than 2,205 mm. ☐ ☐

(2.18) There is no twisted changeover rail (art. no. 16315, 16292) installed. ☐ ☐

(2.19) For steel ladders/guide rails (C-ST, C-A4 and RC-AL**) there is **no** exit section or the exit section has been removed and replaced with a guide rail. ☐ ☐

(2.20) For aluminium ladders (C-AL**), the exit section, if present, is properly installed (according to the manufacturer*) and on the identification plate for **SKYTAC-SG** only the fall arrester SPEED has been marked. ☐ ☐

(2.21) The Ho-ver turntable, if present, is properly installed (according to the manufacturer*) and on the identification plate for **SKYTAC-SG** only the fall arrester SPEED has been marked. ☐ ☐

(2.22) There is no turntable installed or the turntable has been removed and replaced with a guide rail. ☐ ☐

(2.23) The reinforcement, if present, is properly installed (according to manufacturer*), see also information and notes in 2.15. ☐ ☐

(2.24) The rotary exit section, if present, is properly installed (according to the manufacturer *). ☐ ☐

Note: The lateral end stop on the rotating part is a component of the rotary exit section and does not need to be replaced!

(2.25) The pivoting roof exit, if present, is properly installed (according to the manufacturer*). ☐ ☐

(2.26) There is **no** shaft entering device available. ☐ ☐

(2.27) There is **no** movable ladder section (only for aluminium ladders C-AL**) available ☐ ☐

(2.28) There is **no** inserting ladder for hooking in from top (only for aluminium ladders C-AL**) available ☐ ☐

(2.29) There is no inserting ladder for hooking from below (profile C-AL**) as 1st ladder section at the beginning of the climbing path. ☐ ☐

(2.30) The guide rail is free of dirt. ☐ ☐

(2.31) All parts of the existing system are properly installed according to manufacturer's specifications and without damage. ☐ ☐

(2.32) Only corrosion-protected (hot-dip galvanised) fastening elements and screw connections have been used. ☐ ☐

(2.33) The fall arresters SPEED and SPEED ATTACH can only be inserted into the guide rails in the effective direction. ☐ ☐

(3) No other deficiencies have been identified. ☐ ☐

(4.1) A verification for the attachment of the fall arrest system (rigid guide rails) guide) to the substructure is available. The specifications of the manufacturer must be observed.* ☐ ☐

(4.2) It has been verified that the materials used for the rigid guide rail is suitable for the operating place (e.g. near the sea)*. ☐ ☐

(5) This report was handed over to the client. ☐ ☐

***) The corresponding installation and maintenance instructions of the manufacturer must be consulted and observed.**

****) Explanation of the type designations:**

C-ST	Ladders/guide rails made of steel, hot-dip galvanised (profile 50x32 mm)
C-A4	Ladders/guide rails made of stainless steel, pickled (profile 50x32 mm)
C-AL	Aluminium ladders, anodised (profile 52x51 mm)
RC-AL	Aluminium guide rails, anodised (profile 50x33 mm)

Defects, irregularities, deviations from the checklist must be entered here:

Sketch and measurement of the complete system with a list of all installed components:

Date Name Signature

Approval check for the use of SPEED and SPEED ATTACH in Söll fall arrest systems

(Part 2, remains with the inspector, copy - send to Skylotec)

The approval may only be given when all points of this report have been answered with "OK". If accessory components are not present, please cross out the control point.

This protocol is also to be used for the regular inspections!

Building/structural facility

Address: Order no.:

Building type:

Remarks:

Client

Name: Contact person:

Address:

Tel.:

Auditor

Name:

Address:

Tel.:

Fall arrest system

Manufacturer:

Model/type designation:

Installation number:

Delivered to:

(Client or his representative) Name in block capitals Signature

Approval given by:

Name in block capitals Signature

Place: **Date:**

Notes and important information:

- **Warning:**

  Only combinations of components listed in this report may be used. The combination with other, non-approved components can lead to hazards for the user or also to failure of the system.

- **The fall arrester SPEED may be used with the following accessory components of the Söll fall arrest system:**
  - **Exit section for aluminium ladders C-AL****
  - **Ho-Ver turntable**
  - **Rotary exit section**
  - **Pivoting roof exit**

- **The fall arrester SPEED ATTACH may be used with the following accessory components of the Söll fall arrest system:**
  - **Rotary exit section**
  - **Pivoting roof exit**

- **The SPEED fall arrester must NOT be used with the following accessory components of the Söll fall arrest system:**
  - **Turntable in conjunction with a horizontal guide rail**
  - **Exit section for steel/stainless steel ladders/guide rails C-ST**, C-A4** and for aluminium guide rails RC-AL**.**
  - **Internal rail connector (max. 50 mm gap, for aluminium guide rail RC-AL**)**
  - **Twisted changeover rail**
  - **Shaft entering device**
  - **Movable ladder section for aluminium ladders C-AL****
  - **Inserting ladder for hooking in from top (complete climbing path) for aluminium ladders C-AL****
  - **Inserting ladder for hooking from below (aluminium ladder C-AL**) as 1st ladder section at the beginning of the climbing path**
  - **Lateral climbing barriers**

- **The fall arrester SPEED ATTACH must NOT be used with the following accessory components of the Söll fall arrest system:**
  - **Turntable in conjunction with a horizontal guide rail**
  - **Exit section (all profiles**)**
  - **Ho-Ver turntable**
  - **Internal rail connector (max. 50 mm gap, for aluminium guide rail RC-AL**)**
  - **Twisted changeover rail**
  - **Shaft entering device**
  - **Movable ladder section for aluminium ladders C-AL****
  - **Inserting ladder for hooking in from top (complete climbing path) for aluminium ladders C-AL****
  - **Inserting ladder for hooking from below (aluminium ladder C-AL**) as 1st ladder section at the beginning of the climbing path**
  - **Lateral end stops**

- **The fall arresters SPEED and SPEED ATTACH must not be used in a potentially explosive atmosphere!**

- **The fall arresters including ladders/guide rails made of stainless steel should not be installed in highly corrosive atmospheres, e.g. above a swimming pool. There is a risk of invisible stress corrosion cracking.**

- **Important:**

For the inspection of the already installed Söll fall arrest systems, the manufacturer's instructions for installation and maintenance must be consulted and used (Appendix 1: Approval and inspection check list)!
The permissible fall arresters must be marked on the identification plate for SKYTAC-SG!

	Control activity	Check note (please cross) OK	NOK
(1)	The existing fall arrest system (rigid guide rail) consists exclusively of SÖLL components. No parts from other manufacturers are installed.	☐	☐
(2)	The approval ascent was carried out with a fall arrester certified with original fall arrest system from the manufacturer and thereby the following points are checked:	☐	☐
(2.1)	All screw fastenings were checked to ensure that they are firmly seated	☐	☐
(2.2)	Each ladder element is mounted with at least 1 bracket.	☐	☐
	Note: The ladder elements at the beginning and the end of the fall arrest system must be mounted with 2 mounting brackets.		
(2.3)	The mounting distance between the brackets is: - max. 1.680 mm (C-ST, C-A4, RC-AL, C-AL for Y-ladders**) and - max. 2.240 mm (C-AL for Twin ladders**)	☐	☐
(2.4)	The gap width of the rail connections is max. 5 mm	☐	☐
(2.5)	For RC-AL** aluminium guide rails, **no** internal rail connector is present (max. gap width 50 mm)	☐	☐
(2.6)	The ladders/guide rails are mounted in the correct orientation and all are aligned with each other.	☐	☐
(2.7)	The following maximum inclination angles of the guide rails to the vertical are not exceeded (see also the manufacturer's specifications):		
	continuous inclination towards the front max. 15°.	☐	☐
	in the area of bends to the front max. 20°, to the rear max. 8°.	☐	☐
	lateral inclination max. 15°	☐	☐
(2.8)	At the beginning and the end of the climbing path and at each entry and exit point Söll end stops, art. no. 26026, 26027, 11634, are in place to prevent incorrect insertion or unintentional leaving of the fall arresters.	☐	☐
(2.9)	There are no lateral end stops.	☐	☐
(2.10)	The Söll identification plate is present and legible.	☐	☐
(2.11)	Finally, the identification plate for **SKYTAC-SG** was captively mounted next to the the Söll plate to approve the usage.	☐	☐
(2.12)	On the identification plate for **SKYTAC-SG**, the permissible fall arresters were marked. (for this, see the notes and important information)	☐	☐
(2.13)	If available, footrests are properly installed and the distance between each other is max. 10 m.	☐	☐
(2.14)	There are no free ladder projections without reinforcement greater than 380 mm (for C-ST, C-A4, RC-AL**) or 525 mm (for C-AL**).	☐	☐
(2.15)	The free projection with reinforcement for ladders/guide rails C-ST** and C-A4** is **not greater than 1,050 mm.**	☐	☐

Note: The permissible free projection deviates from the specifications of the manufacturer and must be corrected when necessary.*

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(2.17) The free projection with reinforcement for aluminium ladders C-AL** with reinforcement is not greater than 2,205 mm. ☐ ☐

(2.18) There is no twisted changeover rail (art. no. 16315, 16292) installed. ☐ ☐

(2.19) For steel ladders/guide rails (C-ST, C-A4 and RC-AL**) there is **no** exit section or the exit section has been removed and replaced with a guide rail. ☐ ☐

(2.20) For aluminium ladders (C-AL**), the exit section, if present, is properly installed (according to the manufacturer*) and on the identification plate for **SKYTAC-SG** only the fall arrester SPEED has been marked. ☐ ☐

(2.21) The Ho-ver turntable, if present, is properly installed (according to the manufacturer*) and on the identification plate for **SKYTAC-SG** only the fall arrester SPEED has been marked. ☐ ☐

(2.22) There is no turntable installed or the turntable has been removed and replaced with a guide rail. ☐ ☐

(2.23) The reinforcement, if present, is properly installed (according to manufacturer*), see also information and notes in 2.15. ☐ ☐

(2.24) The rotary exit section, if present, is properly installed (according to the manufacturer *). ☐ ☐

Note: The lateral end stop on the rotating part is a component of the rotary exit section and does not need to be replaced!

(2.25) The pivoting roof exit, if present, is properly installed (according to the manufacturer*). ☐ ☐

(2.26) There is **no** shaft entering device available. ☐ ☐

(2.27) There is **no** movable ladder section (only for aluminium ladders C-AL**) available ☐ ☐

(2.28) There is **no** inserting ladder for hooking in from top (only for aluminium ladders C-AL**) available ☐ ☐

(2.29) There is no inserting ladder for hooking from below (profile C-AL**) as 1st ladder section at the beginning of the climbing path. ☐ ☐

(2.30) The guide rail is free of dirt. ☐ ☐

(2.31) All parts of the existing system are properly installed according to manufacturer's specifications and without damage. ☐ ☐

(2.32) Only corrosion-protected (hot-dip galvanised) fastening elements and screw connections have been used. ☐ ☐

(2.33) The fall arresters SPEED and SPEED ATTACH can only be inserted into the guide rails in the effective direction. ☐ ☐

(3) No other deficiencies have been identified. ☐ ☐

(4.1) A verification for the attachment of the fall arrest system (rigid guide rails) guide) to the substructure is available. The specifications of the manufacturer must be observed.* ☐ ☐

(4.2) It has been verified that the materials used for the rigid guide rail is suitable for the operating place (e.g. near the sea)*. ☐ ☐

(5) This report was handed over to the client. ☐ ☐

***) The corresponding installation and maintenance instructions of the manufacturer must be consulted and observed.**

****) Explanation of the type designations:**

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Date Name Signature