Checklist for HVI® Installation

Address of the test object:	
Name:	
Contact partner:	
Street:	
Postcode, Place:	
Phone:	

Item	Question	Rating YES	Rating NO
1	Is the whole system positioned in the protected area?	☐	☐
2	Has the separation distance been calculated? (down conductor to the earth-termination system, isolated system with connection to existing external lightning protection system or lightning equipotential bonding on roof level)	☐	☐
3	Is the maximum equivalent separation distance specified by DEHN + SÖHNE for the application of the HVI®Conductor kept? HVI®light Conductor / DEHNcon H: $s \leq 0.45$ m in air; $s \leq 0.9$ m solid material HVI®Conductor: $s \leq 0.75$ m in air; $s \leq 1.5$ m solid material HVI®power Conductor: $s \leq 0.9$ m in air; $s \leq 1.8$ m solid material	☐	☐
4	Is the calculated separation distance kept in the range of the sealing end?	☐	☐
5	Is the supporting tube and, if required, the equipotential bonding element of the sealing end correct, i.e. only connected with the equipotential bonding / the lightning equipotential bonding of the system?	☐	☐
6	Is the minimum distance of 0.2 m kept between HVI®Conductors routed in parallel and has the connection to opposite down conductors been considered?	☐	☐
7	Has the minimum bending radius been kept? HVI®light Conductor (dark grey outer coating): 200 mm HVI®Conductor (black outer coating): 200 mm HVI®Conductor (grey outer coating): 230 mm HVI®power Conductor (black outer coating): 270 mm	☐	☐
8	Is the equipotential bonding element of the sealing end in contact with the semiconductive layer (not grey coating)?	☐	☐
9	Has the supplementary information in DEHN installation instructions No. 1501/No.1892 been considered for installation of the HVI®/HVI®power Conductor in hazardous areas?	☐	☐
10	Did you exclusively use (tested) components of the manufacturer DEHN + SÖHNE?	☐	☐

Company

Place

Date

Signature of tester