

## Type Approval Certificate Extension

*This is to certify* that Certificate No. 03/00070 for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>PRODUCER</b>	Hilti Corporation
<b>PLACE OF PRODUCTION</b>	FL-9494 Schaan Principality of Liechtenstein
<b>DESCRIPTION</b>	Hilti X-BT direct mechanical fastening system, comprising Hilti fastening tool, drill bit and power loads.
<b>TYPE</b>	X-BT stainless steel threaded studs:  Threaded stud connections: X-BT M8-15-6-R X-BT M10-24-6-R X-BT W10-24-6-R X-BT M8-15-6 SN12-R X-BT M10 24-6 SN12-R X-BT W10-24-6 SN12-R  Composite fasteners: X-FCM-R
<b>APPLICATION</b>	For use in fastening to steel in marine, offshore and industrial environments.
<b>SPECIFIED STANDARDS</b>	Hilti X-BT Threaded Fastener Specification; Hilti Direct Fastening technology manual, Product Information.

<b>Certificate No.</b>	03/00070(E1)
<b>Issue Date</b>	2 November 2009
<b>Expiry Date</b>	8 June 2013
<b>Sheet</b>	1 of 2

  
P. F. Moysey  
London Design Support Services  
Lloyd's Register EMEA

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## OTHER CONDITIONS

This Type Approval certificate is to be read in conjunction with LR Technical Report no. 2003/CSG/TT/6331.

The minimum strength of the base material must be as stated in the Hilti X-BT Threaded Fastener Specification.


The end user must ensure that the base and fastened materials possess adequate corrosion resistance for the environments in which they are to be used.

*“This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd’s Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate.”*

*The attached Design Appraisal Document No. 03/00070(E1) and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

All other details remain as the previous Certificate No. 03/00070 to which this extension should be attached.

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