

Certificate

Passive House Tradesperson



Dr. Wolfgang Feist
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Germany
www.passivehouse.com

Nadine Schmitz

is hereby granted to use the seal depicted below until the expiration of this certificate in five years' time. During the validity period the recipient will be listed as a Certified Passive House Tradesperson online at www.passivehouse-trades.org. The awarded title and seal are to be used only in conjunction with the recipient's name.

The qualification was obtained in accordance with the examination regulations from 1st April 2012 and awarded upon successful completion of the Certified Passive House Tradesperson examination.

The examination was held on 18th February 2017 in Mantova, Italy, by Zero Energy and Passivhaus Institute for Research - ZEPHIR / Nesi, Francesco.

In addition to Passive House Basics, the examination had the following specialisation:

Building Envelope **Building Services**



Darmstadt,
31st May 2017

A handwritten signature in blue ink that reads 'Wolfgang Feist'.

Prof. Dr. Wolfgang Feist

A Passive House is a building, in which thermal comfort [ISO 7730] can be provided solely by post-heating or post-cooling of the fresh airflow which is required for good indoor air quality [DIN 1946] - without using additional recirculated air.

{Definition}

Certified Passive House Tradesperson - Specialisation Building Envelope and Building Services

General principles / Passive House Basics

- Passive House criteria
- The 5 basic Passive Houses principles
- Building physics and ecology
- Airtightness
- Construction process and quality assurance
- Economic aspects

Specialisation - Building Envelope

- Insulated constructions
- Thermal bridge free construction
- Windows and other transparent building components
- Summer comfort
- Retrofits with Passive House components
- Implementation details

Specialisation - Building Services

Ventilation

- Basic principles
- Controlled ventilation with heat recovery
- Supply air heating in Passive House buildings
- Commissioning

Heat Supply

- Heat generation and distribution in Passive House buildings
- Implementation details
- Special aspects of refurbishments

The full version of the catalogue of learning objectives and further information about the course can be found at www.passivehouse-trades.org.

Attestato di partecipazione

NADINE SCHMITZ

ha partecipato al corso

Artigiano Certificato Passivhaus

dal 14 al 17 febbraio 2017

per un totale di 32 ore, tenutosi a Governolo (MN), in collaborazione con Eurofinestra

All'interno del corso ACPH, organizzato da ZEPHIR - Passivhaus Italia, sono stati trattati i seguenti argomenti:

Principi Passivhaus

Vantaggi economici delle Passivhaus

Involucro termico e tenuta all'aria

Esecuzione dei lavori e garanzia di qualità

Ponti termici e serramenti

VMC con recupero di calore

Generazione e distribuzione del calore

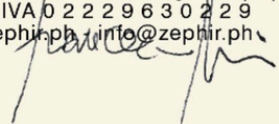
Realizzazione di una casetta in scala e test di tenuta all'aria

Trento, 27.02.2017



ZEPHIR S.R.L.

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Il Direttore di
ZEPHIR - Passivhaus Italia
Dr. Phys. Francesco Nesi

