

EBERHARD SCHOTT

BERATENDER INGENIEUR VBI

Information

The engineer

Services

Projects

Advantages

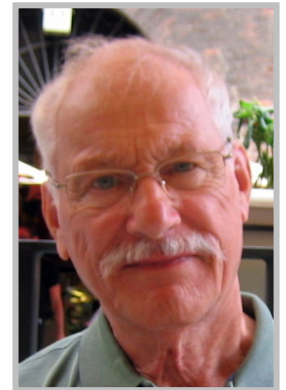
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EBERHARD SCHOTT

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Graduate engineer Eberhard Schott introduces himself:

- 1937 born in Leipzig, Germany
- 1964 Foundation of the engineering firm for water management in Osterholz-Scharmbeck.
- 1993 Graduate engineer Jürgen Schlichting becomes partner in the hence'forth Schott + Schlichting Bauingenieurbüro GmbH.
- 2003 Termination of function in the Schott + Schlichting firm after 40 years as proprietor. The firm continues business by graduate engineer Jürgen Schlichting.
- 2004 **Consulting Engineer VBI** • Planning • Consultation • Expert's reports
Wastewater pumping stations, pressure drainage
Reduction of odour emissions
Water supply: pumping, treatment, distribution



until 2018:

Eberhard Schott

SEMINARE
FÜR DIE WASSERWIRTSCHAFT

since 2001:

Courses of instruction in the sectors
Communal wastewater pumping stations
Pressure drainage

Experience ► Expertise ► Modern engineering:

Pumping stations Pressure pipelines Sewerage systems

Wastewater / Storm water / Combined Systems
82 wastewater pumping stations
140 km pressure pipelines up to DN 400
Prevention / reduction of odour emissions
Neutral planning, independent of manufacturers' interests

Pressure drainage

2,060 small pumping stations in 62 projects
68 compressed air purging stations from 1 – 18 kW
Own software for system design
Neutral planning, independent of manufacturers' interests

Water supply

6 waterworks up to 12.000 m³/d
7 pure water tanks up to 3.000 m³
23 water distribution systems up to 30.000 E
70 km of pipelines up to DN 400
Network calculation using in-house developed software

I am gladly at your disposal for planning, consultation and expert's reports.

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Engineer services water management

Areas of expertise:

Wastewater pumping stations (pumping stations / pressure pipelines)

Pressure drainage according to DWA-A 116-2

Sewerage systems, rainwater reservoirs, decentralised seepage

Water supply: pumping, treatment, storage, distribution

Range of services:

Preliminary examinations, planning, tender procedure and site supervision for civil engineering structures

technical equipment

in particular:

product neutral design and tender procedure of the machine and EI&C technology

References:

48 municipalities / water associations in 11 federal states, Ruhrkohle AG

25 engineering firms in 9 federal states, TÜV Rheinland Industrie Service GmbH

Upon request, I would be more than happy to provide you with references in your vicinity

Cost reduction by means of product neutral planning and tender procedure:

I carry out all calculations and the BOQ myself without the assistance of pump companies or suppliers.






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I use the following

Software Water Management



Pumping stations / Pressure drainage:

KENNLINIE 	Calculation of pumping stations (Excel) (system curve, system head curve, operating point)	Schott
ROHR 	Hydraulic calculation of pipelines Calculation of DN[mm], Q[l/s], V[m/s], Hr[mWS]	Schott
PumSta3.1 	Pumping of several pumping stations on collective pressure pipelines	Möhlenkamp
	Design of compressors	Möhlenkamp
DRUCKLEITUNG 	Calculation of pressure pipelines with gas pockets	Schmalzl

Sewerage calculation:

RWKANAL 	Storm water network (time coefficient method)	Schott
SWKANAL 	Wastewater network with pumping stations and pressure pipelines	Schott
KNMASSEN 	quantity surveying for the sewerage software	Schott
HYSTEM-EXTRAN 	Hydrodynamic sewerage calculation	ITWH
KOSTRA	Rain data nationwide	ITWH

Water management in general:

KOSIM	Dirt load calculation, long time simulation	ITWH
A 138 XP	Decentralised seepage according to ATV-A 138	ATV
WASPILA	Water levels of water courses	IDN
GERINNE 	Trenches, culverts, weir, discharge from openings	Schott
ROHRNETZ 	Intermeshed pipe systems (water supply)	Schott
DynaGes	Cost comparison calculation according to LAWA (Working Group of the Federal States on Water)	Dynasoft

Engineering:

AutoCAD 2011	CAD programme	Autodesk
AutoCAD-Map 2000	for GIS	Autodesk
GeoCAD	Survey	GeoCAD

General information:

Naturally I use Microsoft-Office, AVA (GAEB), Adobe full version, etc.

 Software versions also in English

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Advantages

- | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">● The boss himself takes care of you. |
| <ul style="list-style-type: none">● Constant availability:
You can reach me anywhere and at all times at +49-4791-965720 |
| <ul style="list-style-type: none">● One source planning of structural engineering and machine technology. |
| <ul style="list-style-type: none">● I can do that myself (I don't need a pump company):
<u>Product neutral</u> design of the pumping station and BOQ |
| <ul style="list-style-type: none">● I'm just 84, too young to retire.*) Now, I'm only working because of my interest in the profession but I still do so with the usual diligence and adherence to schedules even when pressed for time. |
| <ul style="list-style-type: none">● 62 years of professional experience, 58 years as being self-employed as proprietor of an engineering firm. |
| <ul style="list-style-type: none">● The regional work area is not limited.
Travel expenses / travel times are not charged within Germany. |
| <ul style="list-style-type: none">● Innovative procedures e.g. telecontrol engineering, SPC Stored Programme Control, etc. |
| <ul style="list-style-type: none">● EDP hardware and software are always state-of-the-art. |
| <ul style="list-style-type: none">● Courses of instruction in water management |

*) Consider: Michelangelo was 78 when he took over the design and supervising of St. Peter in Rome. Nelson Mandela became president of South Africa at the age of 75. Churchill was premier of Great Britain until he was 79 and member of parliament until he was 81, Pope Franziskus is 84 . . . (to continue unlimited)