

PERSONAL INFORMATION

Dipl.-Ing. Matthias Freudenberg, M. DM.

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POSITION

Chemical engineer / CBRN officer in the operational service
Fire & Rescue Service, Hamburg (Germany)

WORK EXPERIENCE

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- 2018–Present **Advisor for the ministry: Fire & Rescue Service, Bomb disposal and IT security**
Ministry of Interior and Sports, Hamburg (Germany)
- 2014–2018 **Leader of the department "Measuring technique and Analytics"**
Fire & Rescue Service, Hamburg (Germany)
- 2005–2014 **Fire inspector and Platoon commander**
Fire & Rescue Service, Technology and environmental protection guard, Hamburg (Germany)
- 2003–2005 **Fire inspector**
Fire & Rescue Service , Station Stellingen,, Hamburg (Germany)
- 1990–1994 **Chemistry laboratory technician / Fuel Development**
Deutsche Shell AG, Hamburg (Germany)
- 2015 **Mission: Team leader of operations "Analytical Task Force" at the distressed vessel "Purple Beach" - North Sea**
The central command for maritime emergencies, Cuxhaven (Germany)
- 2013 **Mission: Team leader of operations "Analytical Task Force" at the disasters accident**
Bad Fallingbostal (Germany)

EDUCATION AND TRAINING

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- 2015–2018 **MASTER PROGRAMME Disaster Management and Risk Governance**
University of Bonn, Bonn (Germany)
- 2017 **Technical Expert Course for Maritime Incidents (TEC MI)**
Revinge (Sweden)

2015 **Community Mechanism Induction Course (CMI)**
Split (Croatia)

Related document(s): CMI Certificate Freudenberg.pdf

2001–2002 **Professional Firefighter Officer**
Fire-Academy, Hamburg (German)

1996–2000 **Dipl.-Ing. Chemical Engineer**
University of Applied Sciences, Hamburg (Germany)

1995–1996 **Technical secondary school**
Hamburg (Germany)

1994–1995 **Paramedic in civil service**
German Red Cross, District Harburg (Germany)

1990–1993 **Chemistry laboratory technician**
Deutsche Shell AG, Hamburg (Germany)

PERSONAL SKILLS

Mother tongue(s) German Sign Language

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills - Good knowledge of conflict management and moderation techniques and "team work" / since 2008 Outdoor Team Trainer
- Management of employees / since 2005 responsible for a Fire&Rescue Department

Organisational / managerial skills - Executives at operations on a national level

Job-related skills - Excellent knowledge in the field of analytics hazardous substance and decontamination
- Good knowledge in the field of chemical warfare agents

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving

Proficient user	Proficient user	Proficient user	Proficient user	Proficient user
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Digital skills - Self-assessment grid

Driving licence AM, A1, A2, A, B1, B, BE, C1, C1E, C, CE

ADDITIONAL INFORMATION

- Publications** "Schädliche Gase: Wie SIGIS selbst kleinste Mengen aufspürt" Löschblatt Ausgabe Nr. 55 / 2014
- "Verletzungen durch Säuren, Laugen und Gefahrstoffe im Rettungsdienst Teil 1+2" Thieme Verlag Notfallmedizin up2date/ 2013
- Projects** Working Group "ATF analytical scheme" Representatives of the Hamburg Fire Brigade in the working group "ATF analytical scheme" to clarify the standard analysis capability in national and international hazardous substance use since 2013
- Working Group "ATF vehicles" Participation in the working group "Emergency vehicles of the ATF" and fine design of ATF logistics vehicles and ATF team leader vehicles as representatives of the Hamburg Fire Brigade 2008
- Memberships**
- Analytic Task Force Germany / Federal office for Civil Protection and disaster assistance
 - GFPA German Fire Protection Association
 - Volunteer Fire Department Buchholz, Lower Saxony (Germany):
 - Instructor and expert in rope rescue
 - Consultant chemistry
- Exercise** Team leader "Analytical Task Force" Exercise "Hamdorex" 2014
CBRN exercise in Lüneburg, Germany
- European exercise "VAR (Various Attacks Response) 2008"
Technical director of operations in CBRN use in an international exercise in Camp de Canjuers Var, France
- European exercise "INTERCON 2007" Technical director of operations in CBRN use in an international exercise in Tinglev, Denmark
- European exercise "EUDANEX 2006" Responsible laboratory manager at an international exercise in Tinglev, Denmark
- Exchange of experience** 2018, International Workshop on Chemical Emergency Planning and Preparedness for Major Events, Doha/Qatar, OPCW Assists Chemical Emergency Preparedness Before FIFA World Cup 2022
- 2010, Consulting purpose training and education CBRN area Protection and Rescue in Fire Brigade Zurich, Switzerland
- 2010, Education Delegation of the Hamburg Fire Brigade under the leadership of BD Kattge in Kaliningrad with a focus on fire protection / CBRN Kaliningrad, Russia
- Conferences** 2018
- Conference on Countering Chemical Terrorism, OPCW, The Hague: "Civil CBRN Protection in Germany"

ANNEXES

- TEC MI Certificate Freudenberg.pdf
- CMI Certificate Freudenberg.pdf
- ASITF (English)_ASITF Certificate.pdf
- BSITF II (English)_BSITF Certificate.pdf
- Information Security Awareness Training (En)_Information Security Awareness Advanced Certificate.pdf

TEC MI Certificate Freudenberg.pdf



CMI Certificate Freudenberg.pdf



ASITF (English)_ASITF Certificate.pdf 

BSITF II (English)_BSITF Certificate.pdf 

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