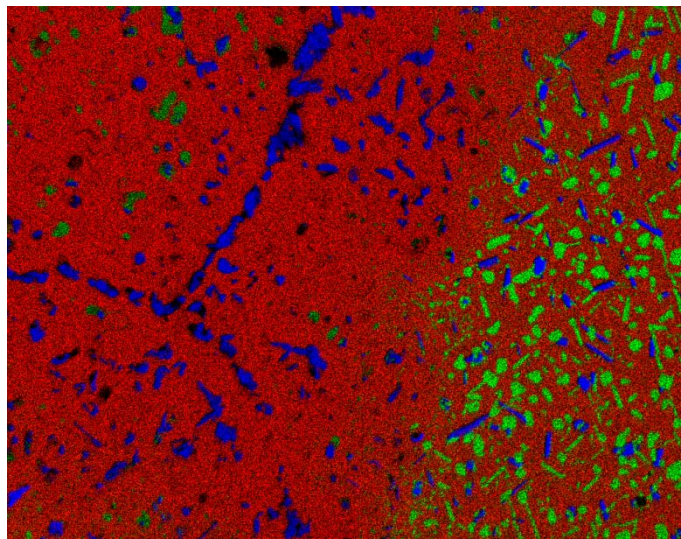


## VGB Workshop

„Material and Quality Assurance“

May 13-15, 2009 in Copenhagen



**DONG**  
energy

VATTENFALL 

DTU Mechanical Engineering  
Department of Mechanical Engineering

Technical University of Denmark



# Programme

Wednesday, May 13, 2009

17.00 h **Visit to DieselHouse and dinner hosted by Vattenfall**

Thursday, May 14, 2009

*Conference direction:*

*Rudolph Blum/DONG Energy A/S, Prof. John Hald/DONG Energy TU-Denmark, Tommy Vilhelmsen/Vattenfall A/S, Olaf Baumann/VGB PowerTech e.V., Christian Stolzenberger/VGB PowerTech e.V.*

09.00 h Opening by Rudolph Blum

## **Section I Martensitic 9-12% Cr-steels**

09.10 h **Service experience for 9% Cr-steels**

*J. Parker/Structural Integrity Associates, S. Brett/RWE NPower*

**Life expectations and inspection strategies for parent materials and welds of 9-12% Cr-steels**

*J. Hald/TU Denmark, K. Maile/MPA Universität Stuttgart*

10.30 h Coffee break

10.50 h Discussion (moderators: J. Parker, J. Hald)

12.30 h Lunch break

## **Section II Austenitic Steels**

13:30 h **Austenitic steels - mechanical properties, exfoliation, availability**

*O. H. Larsen/DONG Energy*

13.50 h **Shot-peening**

*S. Caminada/Tenaris*

14.10 h Discussion (moderator: O.H. Larsen)

14.30 h Coffee break

## **Section III Material Specification and Quality Assurance**

15.00 h **VGB R 109 Material specification for components in fossil-fired power plants and quality assurance in the field of materials for new power plants**

*J. Bareiß/EnBW Kraftwerke AG, O. Baumann/VGB PowerTech e.V.*

15.20 h **Purchase specifications for high temperature steels**

*S. Aakjær Jensen/Dong Energy*

15.40 h Discussion (moderator: J. Bareiß)

16.30 h Close of the first day

19.00 h **Dinner in Tivoli hosted by DONG Energy**

## Friday, May 15, 2009

*Conference direction:*

*Rudolph Blum/DONG Energy A/S, Prof. John Hald/DONG Energy TU-Denmark,  
Tommy Vilhelmsen/Vattenfall A/S, Olaf Baumann/VGB PowerTech e.V.,  
Christian Stolzenberger/VGB PowerTech e.V.*

### **Section IV Materials of Power Plants for 620 °C**

09.00 h **New materials for 620 °C steam temperature - turbine**  
*T.-U. Kern/Siemens Power Generation*

09.20 h **VM 12, T23, T24 boiler**  
*M. Spiegel/Salzgitter Mannesmann Forschung GmbH*

10.00 h Discussion (moderator: T.-U. Kern)

10.30 h Coffee break

### **Section V Materials up to 700 °C Power Plants with Ni Alloys / In-Plant Tests**

10.50 h **Esbjerg Unit 3**  
*Q. Chen/ALSTOM Power Systems GmbH*

11.15 h **Komet 650 Westfalen**  
*G. Lüdenbach/VGB PowerTech e.V., P. Körner/VGB PowerTech e.V.*

11.30 h **Comtes 700 Scholven**  
*C. Stolzenberger/VGB PowerTech e.V.*

11.50 h **Testing for Investigation of Damage Mechanisms at High-Temperature for  
the 700 °C Power Plant**  
*K. Metzger/Großkraftwerk Mannheim AG*

12.00 h Discussion (moderator: C. Stolzenberger)

12.20 h Lunch

13.30 h Visit to biomass power plant Amagerværket, Vattenfall

16.00 h Close of the second day

## Practical information

### Venue

DONG Energy  
Teglholmen  
A.C. Meyers Vænge 9  
2450 Copenhagen SV  
Denmark  
Room: Auditorium  
Internet: [www.dongenergy.dk](http://www.dongenergy.dk)

### Registration

The number of participants is limited to 60.  
The registration is binding and will be confirmed after receipt.  
Please send your registration before **April 25, 2009** to:

VGB PowerTech e.V., P.O. Box 10 38 32, 45039 Essen  
Diana Ringhoff  
Tel.: +49 201 8128-232  
Fax: +49 201 8128-321  
E-Mail: [diana.ringhoff@vgb.org](mailto:diana.ringhoff@vgb.org)

### Terms

The participation in the workshop is free of charge. The workshop language is English.

### Hotel accommodation

A restricted room contingent (May 13-15, 2009) is available at

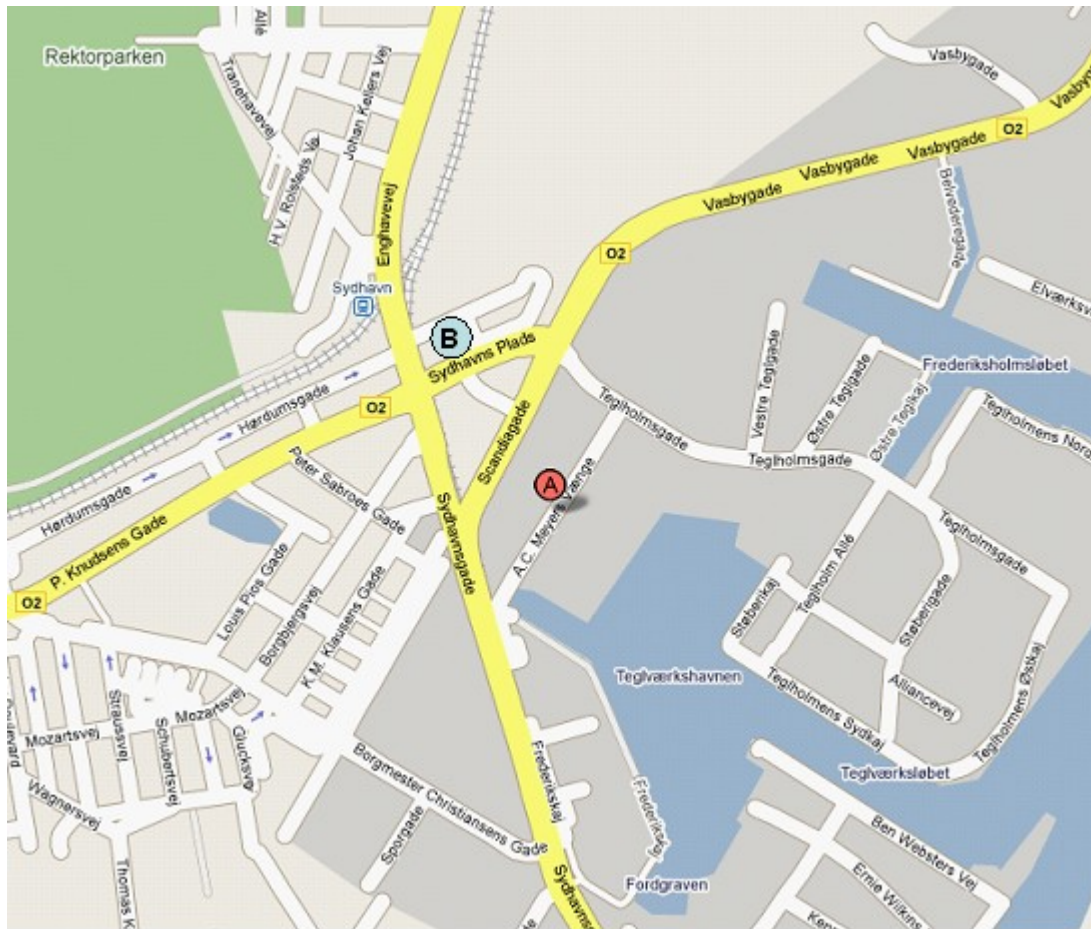
Hotel Scandic Sydhavnen  
Sydhavns Plads 15  
2450 Copenhagen SV  
Price incl. breakfast: 1,590 DKK/night  
<http://www.scandichotels.com/Hotels/Countries/Denmark/Copenhagen/Hotels/Scandic-Sydhavnen/>

**If you have received the confirmation of participation please contact for the reservation of the hotel until April 14, 2009 at the latest:**

Alice Jochumsen, DONG Energy  
E-mail: [alijo@dongenergy.dk](mailto:alijo@dongenergy.dk)  
Tel.: +45 99 55 12 45  
Fax: +45 76 22 19 62

**(The VGB office regrets being unable to make reservations.)**

## Location of DONG Energy (A) and of Hotel Scandic Sydhavnen (B)



### Copenhagen Airport

Internet: <http://www.cph.dk/CPH/UK/MAIN/>

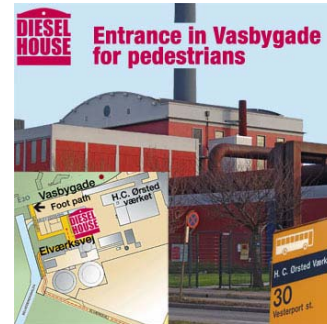
**Distance from Copenhagen Airport to DONG Energy and to the hotel**  
approx. 10 km by car (11 min.)

**Distance from the Hotel Scandic Sydhavnen to DONG Energy**  
approx. 500 meters (walking distance)

## How to get to DieselHouse

Elværksvej 50  
2450 Copenhagen V  
Denmark  
[www.dieselhouse.dk](http://www.dieselhouse.dk)

From the hotel to DieselHouse – from green dot to red dot, approx. 2.5 km



## Location of Tivoli

TIVOLI  
Vesterbrogade 3  
1630 Copenhagen V  
Denmark  
[www.tivoli.dk](http://www.tivoli.dk)



Please send the registration form before **April 25, 2009** to:  
Diana Ringhoff  
E-mail: [diana.ringhoff@vgb.org](mailto:diana.ringhoff@vgb.org)  
Fax: +49 201 8128-321

**Registration VGB Workshop „Materials and Quality Assurance“, May 13-15, 2009 in Copenhagen**

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Surname	First Name	Position
Company		Department
Street/P.O. Box	Postal Code/City	Country
Phone	Fax	E-mail

- I will attend the dinner in DieselHouse on 13 May 2009
- I will attend the dinner in Tivoli on 14 May 2009
- I will attend the visitation of the power plant on 15 May 2009

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Date	Signature and Company Stamp
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