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Foreword

The VGB Instruction Sheet “Coal Handling in Power Plants” contains a collection of experience and recommendations which was prepared to the best of our knowledge but cannot always completely reproduce the state of the art. It provides a summary of information in the field of power plant coal handling which provides the user with a better overview of the specialist area and the associated regulations. The Instruction Sheet is therefore an important instrument for more efficient cooperation between those concerned. Complete application or application of excerpts must be agreed upon between the clients and the suppliers. There is no obligation to apply it. Liability, also for the factual correctness of the presentation is excluded. Likewise, rights under patent law and other property rights are to be clarified by the user on his/her own responsibility.

It is requested that the experience gained with the application of this Instruction Sheet, and that, by way of suggestions for improvements, any shortcomings found in the presentation as well as any possibilities that arose for confusing interpretations be reported to the VGB office for evaluation. This can be a starting point for addenda or alterations.

The Instruction Sheet was prepared by the VGB Technical Committee on “Fuel Storage” of the VGB General Committee “Firing Systems”.

Essen, January 1980

VGB Technische Vereinigung
der Grosskraftwerksbetreiber e.V.
Foreword to the 2nd edition

Since the first edition of the VGB Instruction Sheet “Coal Handling in Power Plants” in 1980, the share of hard coal for electricity generation in Germany has largely switched from domestic to imported coal. While the brown coal/lignite share used for generating electricity has remained roughly constant in western Germany, the share in the new federal states of the Federal Republic of Germany (Lusatia region and Central Germany) has been roughly halved. As a consequence of this change and of technical progress, a large number of coal supply units have been constructed in new power plants or have been replaced in existing plants. Added to this are future replacement construction measures for the construction of new power plant units with improved efficiencies and lower emission values. For the updating of the experience gained in these projects, the following gentlemen formed a working panel and brought the VGB Instruction Sheet M 211 of 1980 up to the present-day status.

Section 5.5 “Stockpile management” has been newly included. In Chapters 10 ‘Industrial safety’ and 11 “Environmental protection”, the directives of the EU (European Union) have also been included.

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Essen, December 2009

VGB PowerTech
Table of contents

1 Purpose of the Instruction Sheet ................................................................. 9
2 Area of application .......................................................................................... 9
3 Design .............................................................................................................. 9
  3.1 Type and quantity of fuel ............................................................................ 9
  3.2 Active and passive parts of the coal yard .................................................. 9
  3.3 Size of the coal yard .................................................................................. 9
  3.4 Basic technical conception ....................................................................... 10
  3.5 Variables influencing regular operation ..................................................... 10
  3.6 Coal storage quantity ............................................................................... 10
  3.7 Silo storage concept .................................................................................. 10
    3.7.1 Mass-flow silo .................................................................................... 11
    3.7.2 Silo with top reclaiming system .......................................................... 12
  3.8 Circular coal storage concept ................................................................... 13
4 Transfer of the fuel .......................................................................................... 14
5 Storage of the fuel ............................................................................................ 14
  5.1 Automatically operated storage unit with parallel triangular stockpiles ..... 16
  5.2 Trapezoidal stockpile with combined stacker/reclaimer and wheel loaders .. 19
  5.3 Trench bunker with coal delivery by train ................................................ 20
  5.4 Slot bunker ................................................................................................ 21
  5.5 Stockpile management .............................................................................. 22
    5.5.1 Systems for hard coal ....................................................................... 22
    5.5.2 Systems for lignite/brown coal ............................................................ 27
6 Handling of the fuel within the power plant .................................................... 30
7 Separation of foreign bodies .......................................................................... 30
8 Cleaning devices ............................................................................................... 32
9 Quantity and quality monitoring ..................................................................... 33
10 Industrial safety .............................................................................................. 34
  10.1 EU directives, acts, ordinances, technical rules, standards, ....................... 34
    10.1.1 Acts/ordinances ................................................................................. 34
    10.1.2 German employers’ liability insurance association ordinances .......... 34
    10.1.3 German employers’ liability insurance association rules for safety and health at the workplace (BGR) ...................................................... 35
    10.1.4 Accident Prevention Regulations (GUV-V) ......................................... 35
    10.1.5 Technical Rules for Industrial Safety (TRBS) .................................... 35
    10.1.6 Standards ......................................................................................... 36
    10.1.7 VDI guidelines/manuals .................................................................... 36
    10.1.8 VGB guidelines ............................................................................... 36
  10.2 Determination and assessment of hazards for employees .......................... 37
10.3 Examples of hazards in coal handling units .................................................. 37
10.3.1 Mechanical hazards .................................................................................. 37
10.3.2 Danger of persons falling ......................................................................... 38
10.3.3 Hazards resulting from dangerous surfaces and joint edges ................. 38
10.3.4 Electric hazard ......................................................................................... 39
10.3.5 Hazard through fire and explosion ......................................................... 39
10.3.6 General safety notes ................................................................................ 39

11 Environmental protection .............................................................................. 41
11.1 Approval procedure ..................................................................................... 41
11.2 Reduction of dust emissions ....................................................................... 41
11.3 Noise control measures .............................................................................. 41
11.4 Observance of requirements under water law .......................................... 42