INTERNATIONAL BIODETERIORATION RESEARCH GROUP

Functional Fluids (FF) Project Group: Annual Report 2022

Report No: IBRG FFG23-004 **Date: 24th April 2023**

The FF Project Group met via web-conferences twice during the pandemic in 2022. The attendance at those meetings was eleven to fifteen international participants from industry, academia, and independent test institutes.

The membership had been asked to come forward had they any criticism or had encountered any problems with conducting the latest IBRG methods issued from this group. All four methods serve to generate data to support claims of basic efficacy relevant to the European Biocidal Product Regulation concerning active substances for Product Type 11 and Product Type 12. These methods are:

- IBRG FFG21-008.1

A Method for Determining the Basic Efficacy of Biocidal Active Substances used as Curative Agents against Aerobic Planktonic Bacterial Populations and Biofilms in Aqueous-Based Systems

- IBRG FFG21-011.1

A Method for Determining the Basic Efficacy of Biocidal Active Substances used as Curative Agents against Anaerobic Planktonic Bacterial Populations and Biofilms in Aqueous-Based Systems

- IBRG FFG21-009.1

Efficacy of Products used as Preservatives of Fluids used in the Oil and Gas Extraction Industries - Anaerobic Bacteria

- IBRG FFG21-010.1

Efficacy of Products used as Preservatives of Fluids Used in the Oil and Gas Extraction Industries - Anaerobic Bacterial Biofilms Preservative

No comments on these methods were received.

It was agreed to draft a further method, based on work done within the group between 2003 and 2006, on the Evaluation of Efficacy of Biocidal Compounds in Aqueous-Based Lithographic Fountain Solutions.

Also, it was discussed how to implement Tier 2 (simulated use) conditions in current IBRG Test methods. This will be ongoing work in 2023.

Ina Stephan, Chair of IBRG Functional Fluids Project Group
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