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|  | **Institute of Mathematics, Physics and Chemistry**  **Department of Chemistry** | | | | | |
| **Third Year Full-Time Students**  **Faculty of Mechanical Engineering, Fifth Semester**  **Specialisation: Marine Power Plant Operation** | | | | | |
| **Cover Sheet** | | | | | | |
| **Laboratory Exercise title:** | |  | | | | |
| Date of performance: | | | **\_\_.\_\_.20\_\_** | Date of submission: | | **\_\_.\_\_.20\_\_** |
| Submitted to: | | |  | | Mark: |  |
| Student’s Name: | | |  | | Group | L0\_\_ |

**General guidelines for writing the final laboratory report**

**regarding chemistry of water**

The report, written by hand, is submitted individually by each student.

The first page of the lab report is the cover sheet correctly filled in. The rest of the report should include:

1. The theoretical part that briefly describes the basic concepts, definitions, keywords related to the exercise (on a maximum of one page).
2. The experimental part that presents chemical reactions (if any in the given exercise), required formulas and calculations and also presents operational significance of the measured parameter. The obtained results should be compared with the requirements for the selected boiler as well as on the basis of the acceptable changes of the tested parameter, student should assess the operational suitability (boiler water). If the test result is negative student should propose operational remedial / corrective action.
3. Two additional tasks: calculation (task 1) plus question (task 2) selected from the list titled ”Tasks and questions to be completed by the student”.
4. List of reference materials used for the laboratory report preparation.