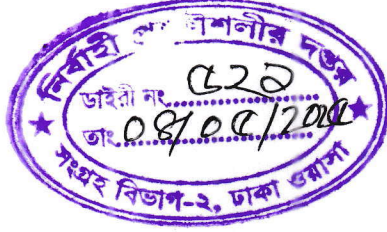




# United Trade Centre

Baitush Sharaf Complex (2nd Floor)  
149/A Airport Road, Farmgate  
Dhaka-1215, Bangladesh  
Phone : +88 02 48110234 (PABX)  
+88 02 48115102 (Direct)  
Fax : +88 02 58154962  
E-mail : whasan@utc bd.com  
info@utc bd.com



112/DWASA/PSI/UTC-76/25/0097  
04 May 2025

To  
Executive Engineer  
Procurement Division – 2  
Dhaka Water Supply and Sewerage Authority (Dhaka WASA)  
WASA Bhaban, 98, Kawran Bazar, Dhaka – 1215

Sub: Submission of SGS Inspection Report.

Ref: Contract No.: 46.113.428.00.00.009/24/2024-25/e-GP CA-12; Dt. 06.01.2025

Sir,

Please find attached herewith the 3<sup>rd</sup> Party Inspection Report of “Procurement of 100 Cubic Meter per Hour 110 Meter Head Submersible Pump-Motor Sets for F.M. Division, Dhaka WASA” which is conducted by “SGS, Germany” in the test bed of Pump-Motor manufacturer “DKM & KKB GmbH, Germany”.

This is for your kind information and necessary action, please.

Sincerely yours

**Wahidul Hasan**  
Chief Executive Officer  
United Trade Centre





# WITNESS INSPECTION REPORT

SGS Germany GmbH  
Heidenkampsweg 99  
D-20097 Hamburg

SGS Germany Report No.: 7377544 / 10 Rev.: 01  
Customer Reference No.: 135424010031

| SGS INSPECTION REPORT               |                                                                                          |                     |                              |
|-------------------------------------|------------------------------------------------------------------------------------------|---------------------|------------------------------|
| SGS Report No.                      | 7377544 / 10                                                                             | Revision            | 01                           |
| CUSTOMER INFORMATION                |                                                                                          |                     |                              |
| Customer                            | United Trade Centre                                                                      | Project             | Order 6100435                |
| Customer Ref. No.                   | 135424010031                                                                             | Customer Contact    |                              |
| SUPPLIER / MANUFACTURER INFORMATION |                                                                                          | PLACE OF INSPECTION |                              |
| Company                             | DKM-KKB GmbH                                                                             | Company             | DKM-KKB GmbH                 |
| Location                            | DE-66482 Zweibrücken                                                                     | Location            | DE-66482 Zweibrücken         |
| Contact Name                        | Mr Matthias Zornow                                                                       | Contact Name        | Mr Matthias Zornow           |
| Phone                               | +49 (0) 6332 47977-17                                                                    | Phone               | +49 (0) 6332 47977-17        |
| Email                               | matthias.zornow@dkb-kkm.com                                                              | Email               | matthias.zornow@dkb-kkm.com  |
| INSPECTION DETAILS                  |                                                                                          |                     |                              |
| Scope of Inspection                 | Witnessing of Performance Test of pump unit, visual quality, document review and checked |                     |                              |
| Equipment inspected                 | 1 x pump unit VAU08-100.110.045 with motor 45kW, order 6100435.010                       |                     |                              |
| SGS Inspector                       | Jochen Groos                                                                             | Report Date         | 17.04.2025                   |
| Visit Date(s)                       | 16.04.2025                                                                               |                     |                              |
| SGS Germany Coordinator             | Mrs Natalia Knaus                                                                        | Coordinator E-mail  |                              |
| ATTENDEES                           |                                                                                          |                     |                              |
| Name                                | Company                                                                                  | Phone               | E-Mail                       |
| Mr Jochen Groos                     | SGS Germany GmbH                                                                         | +49 173 859 4949    | jo.groos@gmx.net             |
| Mr Matthias Zornow                  | DKM-KKB GmbH                                                                             | +49 6332 47977-17   | matthias.zornow@dkb-kkb.com  |
| Mr Markus Urban                     | DKM-KKB GmbH                                                                             | +49 6332 47977-0    | markus.urban@dkm-kkb.com     |
| Mrs Annika Sivasothy                | DKM-KKB GmbH                                                                             | +49 6332 47977-19   | annika.sivasothy@dkm-kkb.com |
| Mr Ajinkya Gadhave                  | DKM-KKB GmbH                                                                             | n/a                 | n/a                          |
| Mr Hasan Wahidul                    | United Trade Centre                                                                      | n/a                 | n/a                          |
| Mr Hasan Waker                      | United Trade Centre                                                                      | n/a                 | n/a                          |

Member of the SGS Group (Société Générale de Surveillance)

Issued by: Oliver Francois  
Title: Technical Manager

Date: 22.10.2021  
Version: 04

Annex 1.1.2 SOP O 180

Page 1 of 9



## WITNESS INSPECTION REPORT

SGS Germany GmbH  
Heidenkampsweg 99  
D-20097 Hamburg

SGS Germany Report No.: 7377544 / 10 Rev.: 01  
Customer Reference No.: 135424010031

### OVERALL INSPECTION RESULT

**Satisfactory**

### REMARKS

### 1. EQUIPMENT DETAILS

| PO Item No. | Serial / TAG No. | Qty | Product Description                         |
|-------------|------------------|-----|---------------------------------------------|
| 6100435.010 | PS25070305       | 1   | Pump unit VAU08-100.110.045 with motor 45kW |

### 2. DOCUMENTS USED DURING INSPECTION

| Document Name                          | Document No. | Revision No. | Issue Date |
|----------------------------------------|--------------|--------------|------------|
| TCP Test Criteria for Performance Test | Q00100022    | 0            | 13.03.2023 |

### 3. MEASURING EQUIPMENT / INSTRUMENTS USED

| Instrument                             | Instrument No.       | Calibration certificate | Validity date | Appropriate for required use?                                       |
|----------------------------------------|----------------------|-------------------------|---------------|---------------------------------------------------------------------|
| Endress & Hauser PROMAG 53W flow meter | F811EC19000 (KKB332) | FV428H9CT               | April 2026    | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Endress & Hauser Pressure Calibrator   | L80A830109C (KKB330) | 01.25.019502            | March 2026    | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Member of the SGS Group (Société Générale de Surveillance)

Issued by: Oliver Francois

Date: 22.10.2021

Page 2 of 9

Title: Technical Manager

Version: 04

Annex 1.1.2 SOP O 180



## WITNESS INSPECTION REPORT

SGS Germany GmbH  
Heidenkampsweg 99  
D-20097 Hamburg

SGS Germany Report No.: 7377544 / 10 Rev.: 01  
Customer Reference No.: 135424010031

### 4. SUMMARY OF INSPECTION

| Equipment Description / Tag No.                               | Activities Performed                                           | Result       |
|---------------------------------------------------------------|----------------------------------------------------------------|--------------|
| Pump unit VAU08-100.110.045<br>with motor 45kW s/n PS25070305 | Performance test, visual quality,<br>document review and check | Satisfactory |

### 5. BRIEF DESCRIPTION OF INSPECTIONS PERFORMED

#### Performance test:

According to Inspection order, one pump unit of order 6100435 was selected for testing. All selected pump units had been tested internally before and accordingly test reports were available.

The selected pump unit was tested at 30 bar DN 100 test stand at DKM-KKB GmbH on 16.04.2025. Test medium was tap water at room temperature, test duration was approximately 30 minutes. Performance test was carried out according to the requirements of Test Criteria for Performance Test No.: Q00100022.

Test of pump unit was executed with 10 measuring point from  $Q_{min}$  to  $Q_{max}$  with one measuring point at designed flow (Operating Point). Efficiency  $\eta$  [%] of the tested pumps was measured over the entire test duration from  $Q_{min}$  until  $Q_{max}$  and have been recorded in attached test record (Operating point = 67,5%). Performance test of selected pump unit was carried out without objections and with an acceptable result. Test reports have been issued by DKM-KKB GmbH and were stamped and signed by inspector.

Result: **satisfactory**

#### Visual quality and completeness:

The tested pump unit was visually checked. The pump unit was found to be new, unused and in good workmanship. No visible damages or defects were detectable. Name plate of pump and motor were attached and checked. Completeness was checked against the requirements of Order overview and was found to be without objections.

Result: **satisfactory**

Member of the SGS Group (Société Générale de Surveillance)

Issued by: Oliver Francois  
Title: Technical Manager

Date: 22.10.2021  
Version: 04

Annex 1.1.2 SOP O 180

Page 3 of 9



## WITNESS INSPECTION REPORT

SGS Germany GmbH  
Heidenkampsweg 99  
D-20097 Hamburg

SGS Germany Report No.: 7377544 / 10 Rev.: 01

Customer Reference No.: 135424010031

### 6. DOCUMENT REVIEW:

| Document Name                          | Document No. | Revision No. | Issue Date | Result       |
|----------------------------------------|--------------|--------------|------------|--------------|
| TCP Test Criteria for Performance Test | Q00100022    | 0            | 13.03.2023 | Satisfactory |
| Compliance Sheet                       | n/a          | n/a          | 16.04.2025 | Satisfactory |
| Technical Specification                | n/a          | n/a          | 16.04.2025 | Satisfactory |
| Test Report                            | n/a          | n/a          | 16.04.2025 | Satisfactory |

### 7. DEVIATIONS / NON CONFORMITIES:

| No.  | Equipment Description / Tag No. | Deviation description |
|------|---------------------------------|-----------------------|
| 7.1. |                                 |                       |
| 7.2. |                                 |                       |

### 8. ATTACHMENTS

- Performance Test Report including Performance Test Criteria, Compliance Sheet, Technical Specification and Test Protocols (17 pages)
- ISO Certificates (4 pages)
- Calibration Certificates (4 pages)
- Order overview (one page)

### 9. DISCLAIMER

*This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.*

*Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.*

*In accordance with Client's instructions, the Company's involvement has been limited to witnessing/observing a third party's intervention(s) at the third party's laboratory/test house or other facilities and installations used for the intervention(s). The Company's sole responsibility was to be present at the time of the third party's intervention(s)*

Member of the SGS Group (Société Générale de Surveillance)

Issued by: Oliver Francois

Date: 22.10.2021

Page 4 of 9

Title: Technical Manager

Version: 04

Annex 1.1.2 SOP O 180

SGS Germany GmbH  
Heidenkampsweg 99  
D-20097 Hamburg

SGS Germany Report No.: 7377544 / 10 Rev.: 01  
Customer Reference No.: 135424010031

*to forward the results, or confirm the occurrence, of the intervention(s). The Company is not responsible for the condition or calibration of apparatus, instruments and measuring devices used, the analysis methods applied, the qualifications, actions or omissions of the third party's personnel or the analysis results.*

*The publication and duplicating of our test reports and expert opinions for advertising purposes as well as their use for any other purposes in extracts requires our written approval.*

### 10. PHOTOGRAPHS

| No.   | Description            | Photo                                                                                |
|-------|------------------------|--------------------------------------------------------------------------------------|
| 10.1. | Pump units for testing |  |

Member of the SGS Group (Société Générale de Surveillance)

Issued by: Oliver Francois

Date: 22.10.2021

Page 5 of 9

Title: Technical Manager

Version: 04

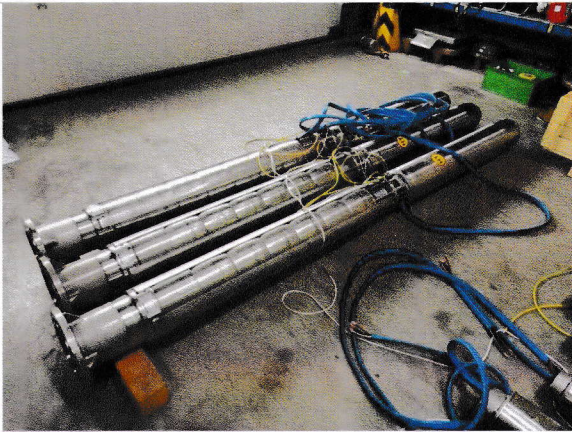
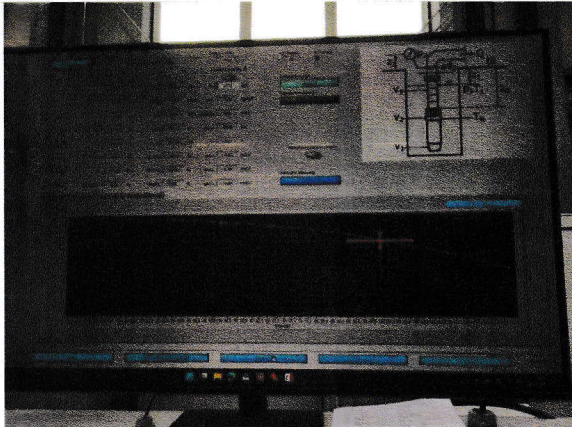
Annex 1.1.2 SOP O 180



## WITNESS INSPECTION REPORT

SGS Germany GmbH  
Heidenkampsweg 99  
D-20097 Hamburg

SGS Germany Report No.: 7377544 / 10      Rev.: 01  
Customer Reference No.: 135424010031

|       |                         |                                                                                      |
|-------|-------------------------|--------------------------------------------------------------------------------------|
| 10.2. | Pump units for testing  |    |
| 10.3. | Pump unit in test stand |   |
| 10.4. | Q-H-curve displayed     |  |

Member of the SGS Group (Société Générale de Surveillance)

Issued by: Oliver Francois  
Title: Technical Manager

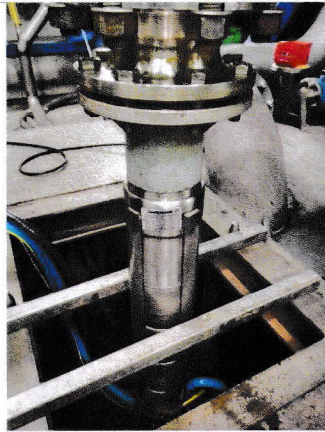
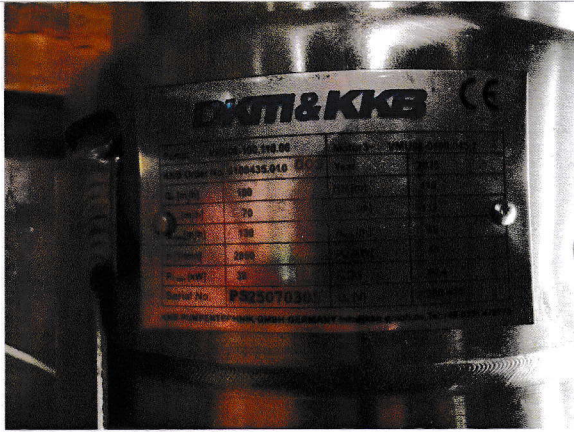
Date: 22.10.2021  
Version: 04

Page 6 of 9

Annex 1.1.2 SOP O 180

SGS Germany GmbH  
Heidenkampsweg 99  
D-20097 Hamburg

SGS Germany Report No.: 7377544 / 10 Rev.: 01  
Customer Reference No.: 135424010031

|       |                                  |                                                                                      |
|-------|----------------------------------|--------------------------------------------------------------------------------------|
| 10.5. | Pump unit after performance test |    |
| 10.6. | Name plate s/n 25070305          |   |
| 10.7. | Motor name plate (sample)        |  |

Member of the SGS Group (Société Générale de Surveillance)

Issued by: Oliver Francois

Date: 22.10.2021

Page 7 of 9

Title: Technical Manager

Version: 04

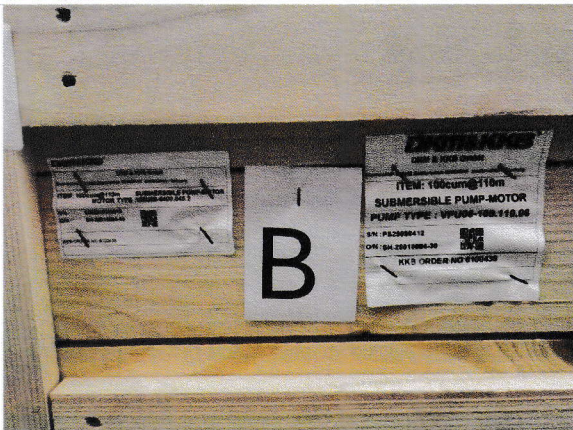
Annex 1.1.2 SOP O 180



## WITNESS INSPECTION REPORT

SGS Germany GmbH  
Heidenkampsweg 99  
D-20097 Hamburg

SGS Germany Report No.: 7377544 / 10 Rev.: 01  
Customer Reference No.: 135424010031

|        |                        |                                                                                      |
|--------|------------------------|--------------------------------------------------------------------------------------|
| 10.8.  | Completeness check     |    |
| 10.9.  | Completeness check     |   |
| 10.10. | Markings order 6100435 |  |

Member of the SGS Group (Société Générale de Surveillance)

Issued by: Oliver Francois  
Title: Technical Manager

Date: 22.10.2021  
Version: 04

Annex 1.1.2 SOP O 180

Page 8 of 9



SGS Germany GmbH  
Heidenkampsweg 99  
D-20097 Hamburg

## WITNESS INSPECTION REPORT

SGS Germany Report No.: 7377544 / 10 Rev.: 01  
Customer Reference No.: 135424010031

HAMBURG,  
23.04.2025

SGS GERMANY GMBH

i.V.  
N. KNAUS

i.V.  
P. SIEFKE

  
SGS Germany GmbH  
Heidenkampsweg 99 - 20097 Hamburg

  
SGS Germany GmbH  
Heidenkampsweg 99 - 20097 Hamburg

**End of Report**

**Member of the SGS Group (Société Générale de Surveillance)**

Issued by: Oliver Francois

Date: 22.10.2021

Page 9 of 9

Title: Technical Manager

Version: 04

Annex 1.1.2 SOP O 180