HYDROTEK ENGINEERING CO.

TECHNICAL SERVICES DIVISION • WORKSHOP OPERATIONS

STATUS OF THE REPAIR WORKS PUMPS AND MOTORS FROM MISHREF PUMP ROOM

Official Schedule Ref: HEC-MPR-2026-REV5
Report as on: 22/09/2026
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Total Units: **66** | Overhaul Completed: **66** | Delivered to Mishref: **66** | Certificates Issued: **66** | Status: **ACTIVE OVERHAUL**

SR.	TAG NO	EQUIPMENT NAME	LOC.	QTY	POWER RATING	PRESENT STATUS / CONDITION	SCOPE OF OVERHAUL WORK	REMARKS	COMPLETION	TEST CERT
1	OCF 01	**Odur control extract fan motor**	ML-1	1	160KW, 3PH, 415V	motor and fan Submerged in water, Two number of pully is broken	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings for both motor and Fan, Reassembling and testing.	COMPLETED AND DELIVERED	17/05/2026	TR-2026-0001
2	OCF 02	**Odur control extract fan motor**	ML-1	1	160KW, 3PH, 415V	motor and fan Submerged in water, Two number of pully is broken	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings for both motor and Fan, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0002
3	OCF 03	**Odur control extract fan motor**	ML-1	1	160KW, 3PH, 415V	motor and fan Submerged in water, Two number of pully is broken	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings for both motor and Fan, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0003
4	OCF 04	**Odur control extract fan motor**	ML-1	1	160KW, 3PH, 415V	motor and fan Submerged in water, Two number of pully is broken	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings for both motor and Fan, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0004
5	RCP 01	**Odur control recirculation pump with motor**	ML-1	1	44.7KW, 3PH, 415V	Motor and pump submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings of both motor and pump, replacement of mechanical seals for the pumps, Reassembling and testing.	COMPLETED AND DELIVERED	17/05/2026	TR-2026-0005
6	RCP 02	**Odur control recirculation pump with motor**	ML-1	1	44.7KW, 3PH, 415V	Motor and pump submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings of both motor and pump, replacement of mechanical seals for the pumps, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0006
7	RCP 03	**Odur control recirculation pump with motor**	ML-1	1	44.7KW, 3PH, 415V	Motor and pump submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings of both motor and pump, replacement of mechanical seals for the pumps, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0007
8	RCP 04	**Odur control recirculation pump with motor**	ML-1	1	44.7KW, 3PH, 415V	Motor and pump submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings of both motor and pump, replacement of mechanical seals for the pumps, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0008
9	SF-03	**Supply fan**	ML-1	1	2 Speed motor 7.5KW/5.5KW, 3PH, 415V	Motor and fan submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	07/05/2026	TR-2026-0009
10	SF-04	**Supply fan**	ML-1	1	2 Speed motor 7.5KW/5.5KW, 3PH, 415V	Motor and fan submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0010
11	SF-07	**Supply fan**	LL	1	2 Speed motor 7.5KW/5.5KW, 3PH, 415V	Motor and fan submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	17/05/2026	TR-2026-0011
12	SF-08	**Supply fan**	LL	1	2 Speed motor 7.5KW/5.5KW, 3PH, 415V	Motor and fan submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	17/05/2026	TR-2026-0012

SR.	TAG NO	EQUIPMENT NAME	LOC.	QTY	POWER RATING	PRESENT STATUS / CONDITION	SCOPE OF OVERHAUL WORK	REMARKS	COMPLETION	TEST CERT
13	CT 03	Chemical Mixer	ML-1	1	0.75KW, 3PH, 415V	Motor and pump submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	25/04/2026	TR-2026-0013
14	CT 04	Chemical Mixer	ML-1	1	0.75KW, 3PH, 415V	Motor and pump submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	25/04/2026	TR-2026-0014
15	CT-05	Chemical dosing pump with motor (H2SO4 tank)	ML-1	1	0.30KW, 3PH, 415V	Motor and pump submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	25/04/2026	TR-2026-0015
16	DPS 01	Chemical dosing pump with motor (Scrubber)	ML-1	1	0.25KW, 3PH, 415V	Motor and pump submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	25/04/2026	TR-2026-0016
17	DPS 02	Chemical dosing pump with motor (Scrubber)	ML-1	1	0.25KW, 3PH, 415V	Motor and pump submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0017
18	DPS 03	Chemical dosing pump with motor (Scrubber)	ML-1	1	0.25KW, 3PH, 415V	Motor and pump submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0018
19	DPS 04	Chemical dosing pump with motor (Scrubber)	ML-1	1	0.25KW, 3PH, 415V	Motor and pump submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0019
20	SCR-1	Emergency pump trench (Top motor)	LL	1	1.5KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	17/05/2026	TR-2026-0020
21	SCR-11	Bar Screen -1 (Top motor)	LL	1	0.55KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	17/05/2026	TR-2026-0021
22	SCRV-11	Bar Screen -1 (Bottom Motor)	LL	1	2.98, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	28/04/2026	TR-2026-0022
23	SCR-12	Bar Screen -2 (Top motor)	LL	1	0.55KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	28/04/2026	TR-2026-0023
24	SCRV-12	Bar Screen -2 (Bottom motor)	LL	1	14.9KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	03/05/2026	TR-2026-0024
25	SCR-21	Bar Screen -3 (Top motor)	LL	1	0.55KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	02/05/2026	TR-2026-0025
26	SCRV-21	Bar Screen -3 (Bottom motor)	LL	1	14.9KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	17/05/2026	TR-2026-0026
27	SCR-22	Bar Screen -4 (Top motor)	LL	1	0.55KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	28/04/2026	TR-2026-0027
28	SCRV-22	Bar Screen -4 (Bottom motor)	LL	1	15HP, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	17/05/2026	TR-2026-0028
29	GT-11	Grit Chamber - 1	LL	1	0.75KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	18/04/2026	TR-2026-0029
30	GP-11	Grit Chamber - 1 pump room (Motor + Pump)	LL	1	30KW, 3PH, 415V	Motor submerged in water. Pump impeller broken	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings.	COMPLETED AND DELIVERED	03/05/2026	TR-2026-0030

SR.	TAG NO	EQUIPMENT NAME	LOC.	QTY	POWER RATING	PRESENT STATUS / CONDITION	SCOPE OF OVERHAUL WORK	REMARKS	COMPLETION	TEST CERT
31	GP-12	Grit Chamber - 1 pump room (Motor + Pump)	LL	1	30KW, 3PH, 415V	Motor submerged in water. Pump impeller broken	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	03/05/2026	TR-2026-0031
32	GT-12	Grit Chamber - 2	LL	1	0.75KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	17/05/2026	TR-2026-0032
33	GP-13	Grit Chamber - 2 pump room (Motor + Pump)	LL	1	30KW, 3PH, 415V	Motor submerged in water. Pump impeller broken	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, replacement of impeller of the pump Reassembling and testing.	COMPLETED AND DELIVERED	07/05/2026	TR-2026-0033
34	GP-14	Grit Chamber - 2 pump room (Motor + Pump)	LL	1	30KW, 3PH, 415V	Motor submerged in water. Pump impeller broken	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	07/05/2026	TR-2026-0034
35	GT-21	Grit Chamber - 3	LL	1	0.75KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	17/05/2026	TR-2026-0035
36	GP-21	Grit Chamber - 3 pump room (Motor + Pump)	LL	1	30KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	07/05/2026	TR-2026-0036
37	GP-22	Grit Chamber - 3 pump room (Motor + Pump)	LL	1	30KW, 3PH, 415V	Motor submerged in water. Pump impeller broken	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	07/05/2026	TR-2026-0037
38	GT-22	Grit Chamber - 4	LL	1	0.75KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	17/05/2026	TR-2026-0038
39	GP-23	Grit Chamber - 4 pump room (Motor + Pump)	LL	1	25KW, 3PH, 415V	Motor submerged in water. Pump impeller broken	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	07/05/2026	TR-2026-0039
40	GP-24	Grit Chamber - 4 pump room (Motor + Pump)	LL	1	30KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	07/05/2026	TR-2026-0040
41	OCUAF-01, APF	Air purification fan	ML1	1	1.5KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	23/04/2026	TR-2026-0041
42	SCRH 11-12	Conveyor Main stream 11-12	ML1	1	2HP, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	23/04/2026	TR-2026-0042
43	SCRH 21-22	Conveyor Main stream 21-22	ML1	1	2HP, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	23/04/2026	TR-2026-0043
44	SP 02	Sump pump Flygt 3057.181	LL	1	1.7KW, 3PH, 415V	Motor submerged in water Winding is faulty	Complete dismantling, Cleaning, rewinding of stator, Replacenemt of DE, NDE bearings, replacemnt of mechanical seals, Reassembling and testing.	COMPLETED AND DELIVERED	17/05/2026	TR-2026-0044
45	SP 03	Sump pump Flygt 3057.181	LL	1	1.7KW, 3PH, 415V	Motor submerged in water Winding is faulty	Complete dismantling, Cleaning, rewinding of stator, Replacenemt of DE, NDE bearings, replacemnt of mechanical seals, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0045
46	SP 4	Sump pump Flygt 3057.181	LL	1	1.7KW, 3PH, 415V	Motor submerged in water Winding is faulty	Complete dismantling, Cleaning, rewinding of stator, Replacenemt of DE, NDE bearings, replacemnt of mechanical seals, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0046
47	SP 05	Sump pump Flygt 3057.181	LL	1	1.7KW, 3PH, 415V	Motor submerged in water Winding is faulty	Complete dismantling, Cleaning, rewinding of stator, Replacenemt of DE, NDE bearings, replacemnt of mechanical seals, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0047

SR.	TAG NO	EQUIPMENT NAME	LOC.	QTY	POWER RATING	PRESENT STATUS / CONDITION	SCOPE OF OVERHAUL WORK	REMARKS	COMPLETION	TEST CERT
48	SF 03	**Smoke Exhaust Fan**	LL	**1**	15KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	**COMPLETED AND DELIVERED**	17/05/2026	TR-2026-0048
49	SF 04	**Smoke Exhaust Fan**	LL	**1**	15KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	**COMPLETED AND DELIVERED**	17/05/2026	TR-2026-0049
50	SF 07	**Smoke Exhaust Fan**	LL	**1**	11KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	**COMPLETED AND DELIVERED**	17/05/2026	TR-2026-0050
51	SF 08	**Smoke Exhaust Fan**	LL	**1**	11KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	**COMPLETED AND DELIVERED**	17/05/2026	TR-2026-0051
52	No tag	**Smoke Exhaust Fan**	-	**1**	1.1KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	**COMPLETED AND DELIVERED**	23/04/2026	TR-2026-0052
53	No tag	**Smoke Exhaust Fan**	-	**1**	5.5KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacenemt of DE, NDE bearings, Reassembling and testing.	**COMPLETED AND DELIVERED**	23/04/2026	TR-2026-0053
54	NA	**Fountain pump 1**	NA	**1**	2.6KW, 1PH, 230V	motor and pump submerged in water.	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings for both motor and pump, Replacement of mechanical seal, Reassembling and testing.	**COMPLETED AND DELIVERED**	-	TR-2026-0054
55	NA	**Fountain pump 2**	NA	**1**	2.6KW, 1PH, 230V	motor and pump submerged in water.	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings for both motor and pump, Replacement of mechanical seal, Reassembling and testing.	**COMPLETED AND DELIVERED**	-	TR-2026-0055
56	NA	**Horizontal pump**	NA	**1**	4.7KW, 3PH, 415V	Motor and pump submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings of both motor and pump, replacement of mechanical seal for the pumps, Reassembling and testing.	**COMPLETED AND DELIVERED**	-	TR-2026-0056
57	NA	**Sump pump 1 Flygt 3057.181**	NA	**1**	4.7KW, 3PH, 415V	Motor submerged in water (among this one pump already repaired and delivered to site).	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings, replacement of mechanical seal Reassembling and testing.	**COMPLETED AND DELIVERED**	-	TR-2026-0057
58	NA	**Sump pump 2 Flygt 3057.181**	NA	**1**	4.7KW, 3PH, 415V	Motor submerged in water (among this one pump already repaired and delivered to site).	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings, replacement of mechanical seal Reassembling and testing.	**COMPLETED AND DELIVERED**	-	TR-2026-0058
59	NA	**Sump pump 3 Flygt 3057.181**	NA	**1**	4.7KW, 3PH, 415V	Motor submerged in water (among this one pump already repaired and delivered to site).	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings, replacement of mechanical seal Reassembling and testing.	**COMPLETED AND DELIVERED**	-	TR-2026-0059
60	NA	**Sump pump 4 Flygt 3057.181**	NA	**1**	4.7KW, 3PH, 415V	Motor submerged in water (among this one pump already repaired and delivered to site).	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings, replacement of mechanical seal Reassembling and testing.	**COMPLETED AND DELIVERED**	-	TR-2026-0060
61	NA	**Sump pump**	NA	**1**	23.7KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings, replacement of mechanical seal Reassembling and testing.	**COMPLETED AND DELIVERED**	-	TR-2026-0061
62	NA	**Sump pump**	NA	**1**	23.7KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings, replacement of mechanical seal Reassembling and testing.	**COMPLETED AND DELIVERED**	-	TR-2026-0062

SR.	TAG NO	EQUIPMENT NAME	LOC.	QTY	POWER RATING	PRESENT STATUS / CONDITION	SCOPE OF OVERHAUL WORK	REMARKS	COMPLETION	TEST CERT
63	GP # EXT A	**Grit pump External (Motor only)**	NA	1	30KW, 3PH, 415V	Motor and pump submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0063
64	NA	**Motor**	NA	1	7.5KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0064
65	NA	**Ventilation fan**	NA	1	0.7KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0065
66	NA	**Ventilation fan**	NA	1	0.7KW, 3PH, 415V	Motor submerged in water	Complete dismantling, Cleaning, Drying of stator winding, Replacement of DE, NDE bearings, Reassembling and testing.	COMPLETED AND DELIVERED	-	TR-2026-0066

WORKSHOP OVERHAUL LEAD

Eng. R. Al-Mansoor
Hydrotek Technical Services

QA / QC MANAGER

K. Sundaram (Lead QC)
Quality Assurance Dept.

CLIENT SITE ENGINEER

Eng. Tariq Al-Sabah
Mishref Pumping Station Representative

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