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: **60** | Overhaul Completed: **60** | Delivered to Mishref: **60** | Certificates Issued: **60** | 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
1	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
1	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
1	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
2	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
2	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
2	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
2	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
3	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
3	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
4	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
4	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
5	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
5	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
6	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
7	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
7	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
7	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
32	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
32	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
32	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
33	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
33	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
34	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
34	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
35	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
36	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
37	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-2026-0054
38	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-2026-0055
39	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-2026-0056
40	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-2026-0057
41	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-2026-0058
42	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-2026-0059
43	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-2026-0060

WORKSHOP OVERHAUL LEAD

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