

# P78 PRODUCTION SHIFT REPORT

Date : 25 August 2025 (Monday)  
 Reported by : Iwan Priyanto / Hoesien M

TIME	DESCRIPTION							REMARK																																																																																															
	<b>Process Safety and Environment Information</b>																																																																																																						
20-Nov	Unit 7 reading for accumulation in the CEMS at the DCS is higher than the accumulation displayed on the CEMS dashboard.							Update the calculation on the DCS while waiting for the unit #7 outage.																																																																																															
00:00 (26-Aug)	Unit 8 reading for SO2 accumulation in the CEMS at the DCS is higher than the accumulation display on the CEMS dashboard.							Raise SR122646																																																																																															
5-Aug	U7 Boiler elevator not available due jammed on between 1 <sup>st</sup> and 2 <sup>nd</sup> Floor, found rope no.5 was out of the pulley and one part of woven rope broken.							Waiting for the wire rope spare. (PO 97928)																																																																																															
	<table border="1"> <thead> <tr> <th rowspan="2">Limit</th> <th colspan="2">NOX</th> <th>CO</th> <th colspan="2">SO2</th> <th>Particulate</th> <th>Mercury (Hg)</th> </tr> <tr> <th>550 mg/Nm<sup>3</sup></th> <th>35,500 kg/d</th> <th>44,000 kg/d</th> <th>550 mg/Nm3</th> <th>5064 kg/d</th> <th>mg/Nm3</th> <th>0.03 mg/Nm<sup>3</sup></th> </tr> </thead> <tbody> <tr> <td>Unit 7</td> <td>307.9</td> <td>9553.5</td> <td>2549.4</td> <td>76.5</td> <td>4783</td> <td>5.88</td> <td>0.0008</td> </tr> <tr> <td>Unit 8</td> <td>2820.7 (Auto Cal)</td> <td>23003.1</td> <td>5782.5</td> <td>74.1</td> <td>4965</td> <td>5.81</td> <td>0.0030</td> </tr> </tbody> </table>							Limit	NOX		CO	SO2		Particulate	Mercury (Hg)	550 mg/Nm <sup>3</sup>	35,500 kg/d	44,000 kg/d	550 mg/Nm3	5064 kg/d	mg/Nm3	0.03 mg/Nm <sup>3</sup>	Unit 7	307.9	9553.5	2549.4	76.5	4783	5.88	0.0008	Unit 8	2820.7 (Auto Cal)	23003.1	5782.5	74.1	4965	5.81	0.0030	   																																																																
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	<p>The maximum temperature recorded at the Discharge Canal (DCS) is 38.4 °C          Scrubber basin Outlet PH (DCS) Min/Max: 6.15 / 6.62          WWTP equalization basin: level A/B: 33.97 % / 31.65 %</p> <table border="1"> <thead> <tr> <th>U 7 Technical Generation Losses</th> <th>U 8 Technical Generation Losses</th> </tr> </thead> <tbody> <tr> <td>Total: 0 MWH</td> <td>Total: 0 MWH</td> </tr> </tbody> </table>							U 7 Technical Generation Losses	U 8 Technical Generation Losses	Total: 0 MWH	Total: 0 MWH																																																																																												
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06:52 (15-Aug)	Declare U7: 640 NMW, U8: 637 NMW, Station 1277 NMW																																																																																																						
	<p><b>Unit #7: Days of continues operation: 38 Days.</b>  <i>Last forced/ Planned outage/ Trip: 16-July-2025. @ 17:39 FO boiler wall tube leaks at C#4 3<sup>rd</sup> floor.</i></p> <p>U7 load Max: 656 MW(GROSS) ; Min: 370 MW(GROSS) ; Average: 565 MW(GROSS)          U7 load Max: 605 MW(NET) ; Min: 340 MW(NET) ; Average: 530 MW(NET)          NPHR Target / Achieved: 2526 / 2587 (<b>Loss: 2.40%</b>), Eta Pro: 2527 / 2525 kcal/kWh (<b>Save: -0.08%</b>)          Un-burn carbon Fly ash and Bottom ash= 0.23% (12-Aug) and 5.72% (19-Aug)          Furnace temperature at load 621 MW(Gross) average 1144 °C (max: 1199 °C at inspect. hole #15)          Minimize R/H spray. Average MS/RH steam temperature 538 / 530 °C          Turbine 8X vibration max 28 µm at MS/RHT 540 / 526 °C load 471 GMW at 00:01          Average vibration 8x / 7X for 24 hours were: 23 / 66 µm          U7 Frequency of transfer: A:4;B: 2 ;C: 2;D: 2;E: 3;F: 0          500KV GSUT DGA max / average was 41.4 / 41.1 ppm          Make up: <b>407</b> tons, Soot blower: <b>157</b> tons, SW pyrites: <b>131</b> tons.          Soot blower skip: -</p> <p><b>Soot blowers special operations:</b> 420, 421, 422 / 470, 471, 472 (Screen tube), 427/477-428/478-429/479-430/480 (LTSH203 Cavity) run every 1<sup>st</sup> and 15<sup>th</sup> days of the month (2 times/month).</p> <p>Clinker Condition at Hole No. –</p> <table border="1"> <tr> <td>C1</td><td>C2</td><td>W</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>E</td><td>C3</td><td>C4</td></tr> <tr> <td>UC</td><td>UC</td><td>C</td><td>-</td><td>1</td><td>C</td><td>1</td><td>5</td><td>1</td><td>2</td><td>1</td><td>-</td><td>C</td><td>UC</td><td>UC</td></tr> </table> <p>1: Spotty, 2:&lt;5 cm, 3: 5&gt;10 cm, 4: &gt;10&lt;15 cm, 5: &gt;15cm, C: Clean</p>							C1	C2	W	10	11	12	13	14	15	16	17	18	E	C3	C4	UC	UC	C	-	1	C	1	5	1	2	1	-	C	UC	UC	<p>Last Sync Sunday, 20-Jul-2025 @00:39</p> <table border="1"> <thead> <tr> <th colspan="4">Coal Burn IOL</th> </tr> <tr> <th>05:00</th><th>05:00</th><th>05:00</th><th>05:00</th> </tr> </thead> <tbody> <tr> <td>CMHV = 50% + CLHV = 40% + CH3SF =10%</td><td>CMHV = 50% + CLHV = 40% + CH3SF =10%</td><td>CMHV = 50% + CLHV = 40% + CH3SF =10%</td><td>CMHV = 50% + CLHV = 40% + CH3SF =10%</td></tr> <tr> <td>4566</td><td>4566</td><td>4566</td><td>4566</td></tr> <tr> <td>31.42</td><td>31.42</td><td>31.42</td><td>31.42</td></tr> <tr> <td>3.23</td><td>3.23</td><td>3.23</td><td>3.23</td></tr> <tr> <td>0.28</td><td>0.28</td><td>0.28</td><td>0.28</td></tr> <tr> <td>48</td><td>48</td><td>48</td><td>48</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="4">Coal Transfer Plan</th> </tr> <tr> <th>05:00</th><th>11:00</th><th>17:00</th><th>23:00</th> </tr> </thead> <tbody> <tr> <td>CMHV = 60% + CLHV = 30% + CH3SF =10%</td><td>CMHV = 60% + CLHV = 30% + CH3SF =10%</td><td>CMHV = 60% + CLHV = 30% + CH3SF =10%</td><td>CMHV = 60% + CLHV = 30% + CH3SF =10%</td></tr> <tr> <td>4689</td><td>4689</td><td>4689</td><td>4689</td></tr> <tr> <td>29.33</td><td>29.33</td><td>29.33</td><td>29.33</td></tr> <tr> <td>3.42</td><td>3.42</td><td>3.42</td><td>3.42</td></tr> <tr> <td>0.32</td><td>0.32</td><td>0.32</td><td>0.32</td></tr> <tr> <td>50.5</td><td>50.5</td><td>50.5</td><td>50.5</td></tr> </tbody> </table>		Coal Burn IOL				05:00	05:00	05:00	05:00	CMHV = 50% + CLHV = 40% + CH3SF =10%	CMHV = 50% + CLHV = 40% + CH3SF =10%	CMHV = 50% + CLHV = 40% + CH3SF =10%	CMHV = 50% + CLHV = 40% + CH3SF =10%	4566	4566	4566	4566	31.42	31.42	31.42	31.42	3.23	3.23	3.23	3.23	0.28	0.28	0.28	0.28	48	48	48	48	Coal Transfer Plan				05:00	11:00	17:00	23:00	CMHV = 60% + CLHV = 30% + CH3SF =10%	CMHV = 60% + CLHV = 30% + CH3SF =10%	CMHV = 60% + CLHV = 30% + CH3SF =10%	CMHV = 60% + CLHV = 30% + CH3SF =10%	4689	4689	4689	4689	29.33	29.33	29.33	29.33	3.42	3.42	3.42	3.42	0.32	0.32	0.32	0.32	50.5	50.5	50.5	50.5
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	<p><b>UNIT 7 PROBLEMS</b></p> <ol style="list-style-type: none"> <li>A load dropped during the closure test conducted on CRV#2. The load dropped from 628 GWM to 407 GWM due to the sudden closure of IV#1 and RSV#1.              17-Apr, the Engineering team performed a simulation stroke test and did not find any anomalies. CRV#2 postpone when RPT TG01. Planning will carry out the test when unit 7 progress shutdown for PO.</li> <li>PA fan 7B vibration motor I-B bearing has increasing value (1,7 Mills), the event is same time with U8 trip. (Trip point: 3.0 Mills)              22-Jul Vibration still high about 1.53 Mills after balancing unit FO load 610NMW              30-Jul Vibration about 1.4 Mills at load 700 GMW (NDC test).</li> <li>Generator Hydrogen Leakage              From investigation found H2 leakage at <b>7GH-RV-300</b></li> <li>Found Relief valve of LP heater 100A was passing.              Trial lift up/ jacking but still not success. 13-Aug Install temporary hose for direct the drain water to condensate drain tank through the overflow line.</li> <li>Unit 7 High Priority Alarm:                     <ul style="list-style-type: none"> <li>None</li> </ul> </li> </ol>							<p><b>SR113756</b>  (iunder investigation Engineering)  WP Cond (Unit offline)</p>																																																																																															
18-Sep																																																																																																							
22-Nov								<p>WO:2503061049  Monitoring/ WP Cond (Unit offline)</p>																																																																																															
02-Feb								<p>(WO: <b>2502071118</b>, ST014412)  waiting material expected end of 7 Sept 2025</p>																																																																																															
26-Jul								<p><b>SR121926</b>  Repair WP Cond (Unit offline)</p>																																																																																															
	<p><b>U7 HEAT RATE OPTIMIZATION</b></p> <ol style="list-style-type: none"> <li>To improve heat transfer condenser and reduce consequence overheat cond. tube/increasing reliability tube (target condenser press: &lt; 70 mmHg at 610 NMW)                     <ul style="list-style-type: none"> <li>Check and make sure the water level is full of water by verifying venting float valve to atmosphere, put auto vacuum priming pump in operation, find local level sight glass condenser dirty/corrosion (will be replaced next outage)</li> <li>Check air ingress all drain line which connected to condenser (HP/LP steam pressure) by using helium gas, using thermal imaging, opening insulator and visual check.</li> <li>Verify vent/drain Boiler &amp; turbine valves Post U7 RTS. 57 valves have been inspected; 25 valves were passing.</li> </ul> </li> <li>Biassing O2 trim: - 0,5% during low load operation</li> <li>Reduce ESP TR amp setting Row#1234: 800/1000/1200/200 mA</li> </ol>							<p>Continued implemented</p>																																																																																															
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UNIT 7 ACTIVITIES																																												
09:00(16-Aug)	1.	Maintain Load as PLN scheduled.												Monitoring																														
21:00 (24-Aug)	2.	Close tie breaker 125/250 vdc from unit 8, due PM U7 Battery DC 125/250V, @11:00 Restore												Continue today.																														
10:00	3.	7TLPV292 gland packing leakage (Callout Mechanic team to adjust gland packing) @15:00 Replace gland packing done.												Monitoring																														
22:00 (25-Aug)	4.	Found coal leak from Victaulic joint outlet mill-7E corner#4. @ 16:00Repair done												Information																														
03:00 (26-Aug)	5.	Top up H2 from 4.8 bar to 5.0 bar												Information																														
05:00 (26-Aug)	6.	500 KV phase A (0%), B (0%) and C (0%) arching.												Information																														
	7.	Fill all of Coal Silo with CMHV = 50% + CLHV = 40% + CH3SF = 10%												Information																														
	Torque bar temperature	HPSV (LH) (12:00/00:01)	LPSV(RH) (12:00/00:01)	Grease condition (Normal/Melting)																																								
	BFPT 7A	51.0 / 41.3 deg C	49.0 / 58.2 deg C	Normal																																								
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	8.																																											
<b>Unit # 8: Days of continues operation: 38 Days.</b>																																												
Last forced/Planned outage/ Trip: 20-July-2025 @ 13:06 Unit/Generator Trip due to Over Frequency Relay (OFR) was sent false signal																																												
Last Sync Sunday, 20-July-2025 @21:59																																												
U8 load Max: 644 MW(GROSS) ; Min: 372 MW(GROSS) ; Average: 568 MW(GROSS)																																												
U8 load Max: 610 MW(NET) ; Min: 343 MW(NET) ; Average: 537 MW(NET)																																												
NPHR Target / Achieved: 2522 / 2597 ( <b>Loss: 2.96%</b> ), Eta Pro: 2520 / 2541 kcal/kWh ( <b>Loss: 0.84%</b> )																																												
Un-burn carbon Fly ash and Bottom ash= 0.23% (12-Aug) and 2.69% (19-Aug)																																												
Furnace temperature at load 608 MW(Gross) average 1153 °C (max: 1217 °C at inspect. hole #14)																																												
Minimize R/H spray. Average MS/RH steam temperature 537 / 532 °C																																												
Turbine 3X vibration max 100 µm at MS/RHT 544 / 532 °C load 557 GMW at 05:14																																												
Average vibration 3X for 24 hours were: 89 µm																																												
U8 Frequency of transfer: A:5;B: 5 ;C: 6;D: 5;E: 4;F: 2																																												
500KV GSUT DGA max / average was 34.5 / 34.2 ppm																																												
Make up: 433 tons (Transfer & Regen CPP-8C) Soot blower: 106 tons, SW pyrites: 243 tons.																																												
Soot blower skip: -																																												
SHDP Soot blower 792&794 has ground indication, put bypass the VFD, 793 ground fault alarm (SR)																																												
<b>Soot blower's special operations:</b> 420, 421, 422 / 470, 471, 472 (Screen tube), 427/477-428/478-429/479-430/480 (LTSH Cavity) run every 1 <sup>st</sup> and 15 <sup>th</sup> days of the month (2 times/month).																																												
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UNIT 8 PROBLEMS																																												
15:15(22-Apr)	1.	Repair 8FW-TV-338B (Boiler final SH DSH spray temperature control valve) with installation additional stuffing box done. Spray still in manual mode (monitoring). @01-Jul found steam leaks from gland packing at same location.												Information																														
		@02-Jul Perform Online sealing at gland packing.												WP Cond (Unit offline)																														
04-Apr	2.	Vacuum priming pump 8A not available: 8CP-P-400A Water leaks from Pump packing												WO.2505151010/status WMATL																														
		ETA. 24/10/2025																																										
20-May	3.	During Load > 595 NMW PAH Motor current reached 26 Amperes, normally 12 Amperes. Check local conditions suspected radial seal rubbing, I&C (Pak Benny) command retract all LCS system, found both of LCS in full retract positions 22-May Put ALCS to auto as recom by eng (Pak Kenanga) and monitoring the motor current. 05-Jun Adjust sector plate CE side by eng & mech team. 14-Jun Adjust pedestal axial seal east & west side by M8.												SR120237																														
		<b>Monitoring the current when high load. Planning Conduct an internal inspection to confirm the actual condition of the seal, identify any rubbing points, and perform adjustments based on the inspection results.</b>												WP Cond (Unit offline)																														
10:17(03-Jun)	4.	When the unit runback due to BFPT B trip the turbine stress reached -175% then it triggered the turbine master demand track to 5% (with an actual load reference at 65%). As the stress was released, a deviation occurred between the turbine master demand and the actual load reference, causing a load drop from 383 to 290 GMW. (The operator's action was to switch the turbine master to manual and increase the demand by clicking three times, then set it back to auto to stimulate an increase in turbine master demand). Under investigation and discussion by Eng & PPE team. <b>Eng team contacted Emerson PIC for review &amp; compare the logic between MKVe and MKViE.</b>												SR120633																														
		Waiting for confirmation from Emerson																																										
13-Jul		ESP suddenly trip there is no alarm on DCS & local control display. Restart the ESP and put it in Direct mode (ESP trip when put in Remote mode).												WO.2507151017 / PO.96864																														
20-Jul	5.	Put disable OFR & UFR (SFF204-GE), suspect OFR sent false signals. <b>Planning upgrade/modify the relay.</b>												Waiting module can opener, ETA 23/09/2025																														
20-Aug	6.	ESP TR/Rec-837A fault alarm.												WO.2507211001																														
		WP Cond (Unit offline)												27-Aug will unload test.																														
21-Aug	7.	CWP 8A trip due to loss of run permit, due to Disch MOV-703A (bad quality), fluctuated up to 106.25%. then reset and apply force logic @15:41 (21-Aug): re-start CWP 8A and monitor the Disch MOV stable at local but still fluctuated at DCS.												SR122553.																														
		<b>Waiting module ETA 29 August</b>																																										
	8.	<b>Unit 8 High Priority Alarm:</b>																																										
		<b>•U8 HEAT RATE OPTIMIZATION</b>																																										
24-Mar	1.	To improve heat transfer condenser and reduce consequence overheat cond. tube/increasing reliability tube (target condenser press: < 70 mmHg at 610 NMW)												Information																														
		➤ Check and make sure the water box level is full of water by verifying venting float valve to atmosphere, put auto vacuum priming pump in operation, found local level sight glass condenser was dirty/corrosion (will be replaced next outage)																																										
05-May		➤ To improve AH efficiency gas side, Change the AH soot blowers' cycle from 3 to 4 times/day. <b>Result:</b> AH gas out temperature still increases even though the inlet AH can be												Continued implemented																														

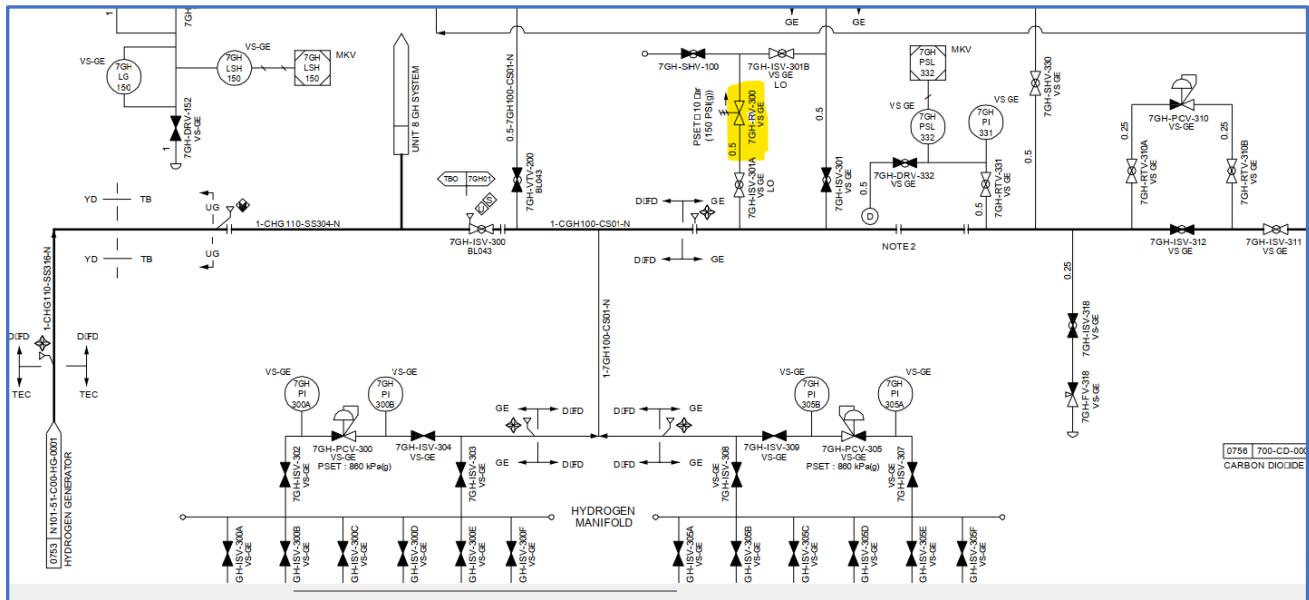
	<p>reduced, Change the AH soot blower cycle from 3 to 4 continue meanwhile the issue will be discussed with the OEM</p> <ul style="list-style-type: none"> <li>➤ Continue operating cycle soot blower 4 times/day. Planning to increase pressure and steam flow to increase cleaning efficiency (will be done by ENG Pak Kadar).</li> </ul>													
30-May	<p>2. Bias O2 trim 3.5% at high load, burner tilt set higher at 53-55 %, to reduce CO and Decrease AH outlet temperature</p> <p>3. Reduce ESP TR amp setting Row1234: 800/1000/1200/200 mA</p>	Continued implemented Continued implemented												
<b>UNIT 8 ACTIVITIES</b>														
13:15 – 15:30	1. Maintain Load as PLN scheduled	Information												
03:00 (26-Aug)	2. Put six mill operation (Mill-8F in-service) due burn coal high sulfur.	Information												
05:00 (26-Aug)	3. 500 KV phase A (0%), B (0%) and C (0%) arching.	Information												
	4. Fill all of Coal Silo with CMHV = 50% + CLHV = 40% + CH3SF = 10%	Information												
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BFPT 8B	45.3 / 36.5 deg C	58.0 / 38.1 deg C	Normal											
	5.													
	<b><i>Balance of Plant</i></b>													
	CSW / CST (U7/8) Tank Level: 84% (97% / 97%) SWRO A/B product water flow: A/B: 106 m <sup>3</sup> / 109 m <sup>3</sup> Total caustic soda consumption: 3.75 tons													
	<b>BOP PROBLEMS</b>													
	1. <b>U78 Fly Ash System:</b> <b>CFA-CMP-103</b> <input checked="" type="checkbox"/> <b>N/A PR190708 Repair leak at Body Compressor (still in the process of finding a vendor).</b>													
	<b>7FA-CMP-104</b> <input checked="" type="checkbox"/> <b>Inservice to U7. (15-Apr)</b>	Information												
	<b>8FA-CMP-103</b> <input checked="" type="checkbox"/> <b>N/A Knocking on drive gear, not accepted for running~ PO92564 (Waiting for a response from the vendor regarding the warranty discussion.)</b>													
	<b>7FA-CMP-103</b> <input checked="" type="checkbox"/> <b>N/A due to High vibration ~ PR189023 Purchase New Compressor (belum ada PO).</b>													
	<b>Temporary Rental compressor</b> <input checked="" type="checkbox"/> <b>N/A 1of2 Compressor Cooler leaks.</b>													
	<b>Station Compressor:</b> <input checked="" type="checkbox"/> <b>Inservice to U8. (30-Apr).</b>													
	2. <b>7FA-DRY-107:</b> <input checked="" type="checkbox"/> <b>Inservice to U7(15-Apr).</b>	Information												
	<b>8FA-DRY-106:</b> <input checked="" type="checkbox"/> <b>N/A Leak on evaporator, PO92564</b>													
	<b>CFA-DRY-106:</b> <input checked="" type="checkbox"/> <b>Inservice to U8(Since 15-Apr).</b>													
	<b>7FA-DRY-106:</b> <input checked="" type="checkbox"/> <b>N/A As found the fan condensing cannot run / short and need replace. Leak on evaporator. WO 2503141003</b>													
10-Jul	3. Put out of service Polishing Filter A due to sand release (chemist request). Need internal inspection. WO.2507101038 @ 18-Aug Isolate CRO-FLT-200A for Sorting sand filter if any deformed media filter Inspect nozzle if any defect. Target completion on 04-Sep	WMATL Filter ST033399-PO97266 ETA 20-Sept-25.												
9-Aug	4. Found Potable Water to admin building underground leaks at north side Semanggi bridge.	SR122227 Waiting for an update from planner												
	<b>UNIT BOP ACTIVITIES</b>													
	Maintain CST, SWT and Portable Water Tank Level are adequate.													
	1. SWRO 100% in service Train-B and DWRO stand by	Information												
10:45 – 13:45	2. Start Caustic injection to Inlet Scrubber due AOB pH low.	Information												
	3.													
	<b>Load scheduled and Activity for next 24 hours:</b>													
21:36 (25-Aug)	<p>1. U78 Maintain load as PLN requested. (problem on HDKS P2B network)</p> <ul style="list-style-type: none"> <li>- U7 Full Load (<math>\geq 595 \text{ NMW}</math>) = - hrs. TML = 0 hrs. (<math>350 \text{ NMW} \leq 590 \text{ NMW}</math>) = - hrs.</li> <li>- U8 Full Load (<math>\geq 595 \text{ NMW}</math>) = - hrs. TML = 0 hrs. (<math>350 \text{ NMW} \leq 590 \text{ NMW}</math>) = - hrs.</li> </ul> <p>2. PTW</p> <ul style="list-style-type: none"> <li>- U3 Outage: Cleaning Air Heater Basket from 19 to 25 August at Retention Basin, using Service Water and Effluent water.</li> <li>- WTP 78 will support water for P3 during Outage Work due P3 WTP not available on 24-Aug till 03-Sep</li> <li>- Replace 8BA-ISV-102 SUBMERGED CHAIN CONVEYOR 8 SERVICE WATER INLET FLOW INDICATOR OUTLET ISOL V/V</li> <li>- 8LT-P-100A Turbine lube oil and seal oil pump-8A (Inspect gear coupling and lubrication)</li> <li>- 8BS-SBLO-475 Long soot blower east side 475 (PM 1 Yearly)</li> <li>- 7CM-ISV-Condensate polishing vessel 7B sampling valve (Replace valve)</li> </ul> <p>3. Routine Production Test</p> <ul style="list-style-type: none"> <li>- Run test EDG, Jockey FF pump, Electric FF pump, Diesel Engine FF pump</li> <li>- U78 Turbine lube oil pump &amp; Stator Cooling Pump</li> </ul> <p>4. Performance activities &amp; Trouble Shooting.</p> <ul style="list-style-type: none"> <li>-</li> </ul>	Information												
		Information												



WhatsApp Video  
2025-08-24 at 05.37.

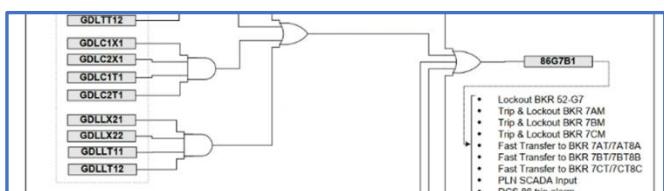
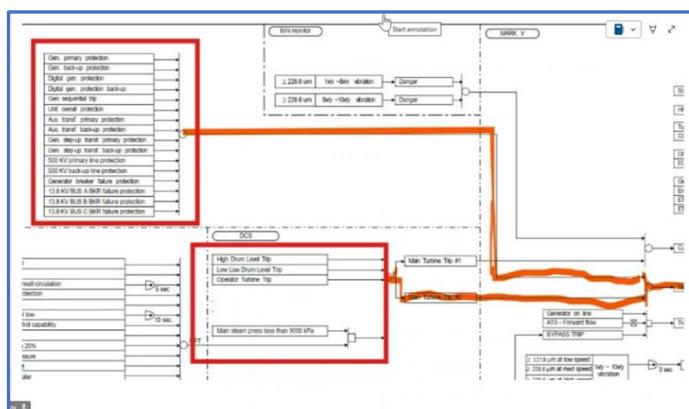
need reposition, due to water coming out (SR122591)

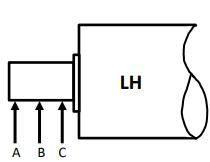
U7 CONDENSATE DRAIN TANK (LP HTR-2 RV connection)



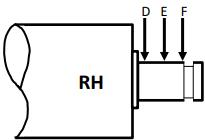
7GH-RV-300

OFR &UFR lock out relay





BFPT-8A Left



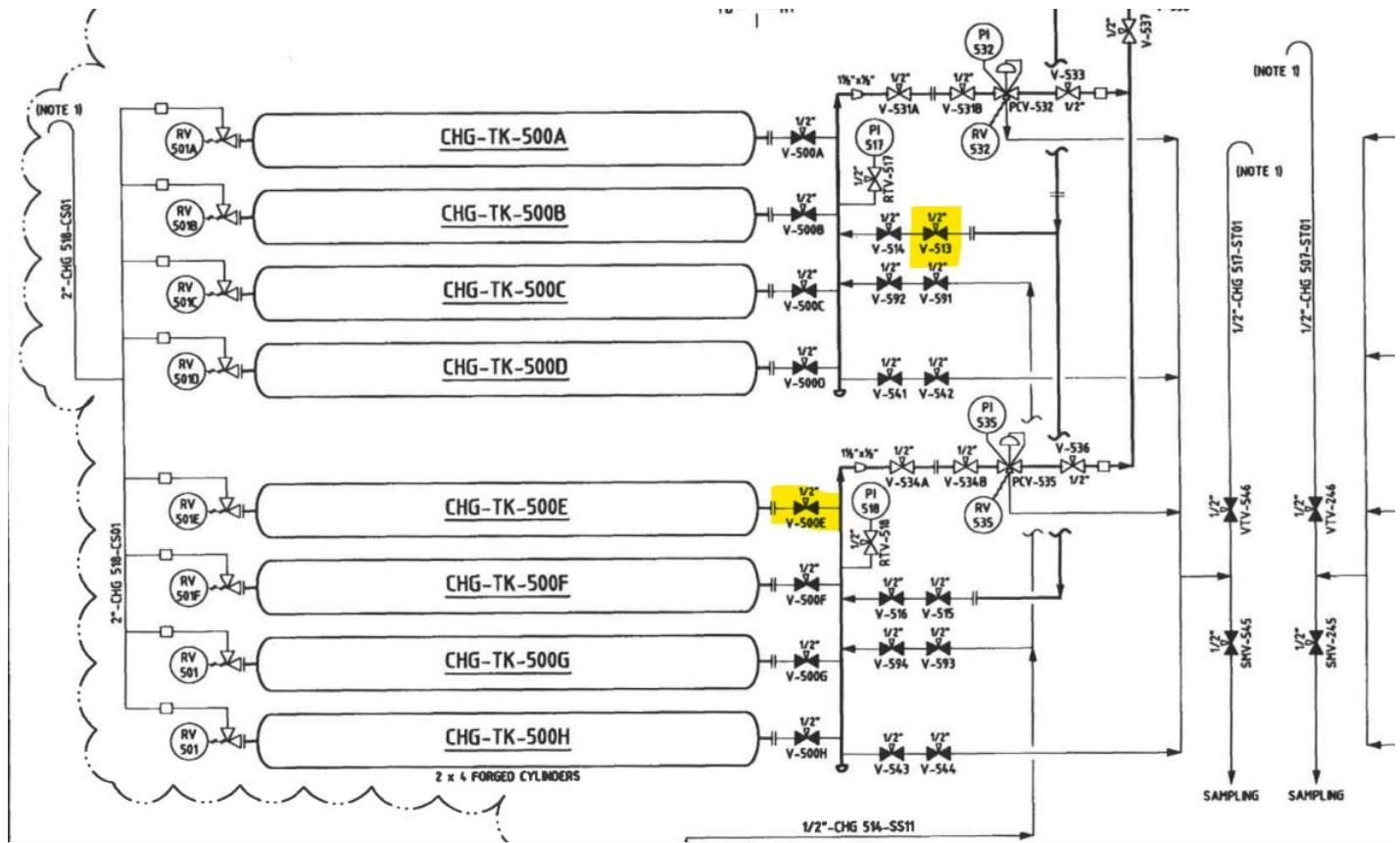
BFPT-8A Right

BFPT-8B Left

BFPT-8B Right

## Valve list U7 passing.

No	Execution Date	Tag Number	Description	Temperature Before Act (normal <82)	Result	Location	Scaffolding Access (PxLxT)	SR no.
1	26-Jun-25	7BS-MOV-120A	MAIN STEAM LOW PT DRN	>410	PASSING	Mezzanine floor west side	NO	(WO 2505051024)
2		7BS-MOV-120B	MAIN STEAM LOW PT DRN	104	PASSING	Mezzanine floor west side	NO	
3		7BS-MOV-134A	COLD REHEAT 7A AC DRAIN	226	PASSING	ground floor above 5 m	2x1x4	
4		7BS-MOV-134B	COLD REHEAT 7B BC DRAIN	229	PASSING	ground floor above 5 m	2x1x4	
5		7BS-MOV-135A	COLD REHEAT 7A AC DRAIN	228	PASSING	ground floor above 5 m	2x1x4	
6		7BS-MOV-135B	COLD REHEAT 7B AC DRAIN	240	PASSING	ground floor above 5 m	2x1x4	
7		7BS-MOV-116A	HP BYPASS 7A LOW PT DRN	201	PASSING	ground floor above 5 m	2x1x4	
8		7BS-MOV-170A	HP BYPASS 7A LOW PT DRN	116	PASSING	ground floor above 5 m	2x1x4	
9		7BS-MOV-170B	HP BYPASS 7B LOW PT DRN	201	PASSING	ground floor above 5 m	2x1x4	
10		7BS-MOV-114A	BFPT 7A LOW PT DRN	388	PASSING	Mezzanine North BFPT A	NO	
11	27-Jun-25	7HB-ISV-204A	EXTRACTION 8A LOW PT DRN	234	PASSING	ground floor above 5 m	2x1x4	7HB-ISV-204A (SR122134), 7HB-ISV-800A (SR122135)
12		7HB-ISV-207A	EXTRACTION 8A LOW PT DRN	320	PASSING	Mezzanine floor	NO	SR122131
13		7HB-ISV-204B	EXTRACTION 8B LOW PT DRN	245	PASSING	ground floor above 5 m	2x1x4	7HB-ISV-204B (SR122132), 7HB-ISV-800B (SR122133)
14		7HB-ISV-207B	EXTRACTION 8B LOW PT DRN	341	PASSING	Mezzanine floor	NO	
15		7HB-ISV-220A	EXTRACTION 7A LOW PT DRN	187	PASSING	Operating floor above 4 m	2x1x3	7HB-ISV-220A (SR122128), 7HB-ISV-700A (SR122129)
16		7HB-ISV-220B	EXTRACTION 7B LOW PT DRN	172	PASSING	Operating floor above 4 m	2x1x3	SR122130
17		7HB-ISV-230A	EXTRACTION 6A LOW PT DRN	286	PASSING	ground floor above 5 m	2x1x4	SR122127
18		7HB-ISV-233A	EXTRACTION 6A LOW PT DRN	350	PASSING	Mezzanine floor	NO	SR120149
19		7HB-ISV-230B	EXTRACTION 6B LOW PT DRN	255	PASSING	ground floor above 5 m	2x1x4	SR122126
20		7HB-ISV-233B	EXTRACTION 6B LOW PT DRN	340	PASSING	Mezzanine floor	NO	
21	28-Jun-25	7BS-MOV-151A	LP BYPASS 7A LOW PT DRN	241	PASSING	Ground floor above 2 met	2x1x2	
22		7BS-MOV-151B	LP BYPASS 7B LOW PT DRAIN	>410	PASSING	Ground floor above 2 met	2x1x2	
23		7BS-MOV-114B	BFPT 7B LOW PT DRN	-	PASSING	Mezzanine South BFPT B	NO	
24		7BS-MOV-165A	LOW PRESSURE TURBINE BYPASS DRAIN POTMO	>410	PASSING	Mezzanine floor	2x1x0	
25		7BS-MOV-165B	LOW PRESSURE TURBINE BYPASS DRAIN POTMO	393	PASSING	Mezzanine floor	2x1x0	



- INSTALL SCAFFOLDING FOR ACCES INSPECT AND REPAIR VALVE CCM-ISV-753 (CATION REGENERATION VESSEL ANION RESIN OUTLET ISOL V/V)

REPAIR OR REPLACE IF VALVE CANNOT REPAIR.