



NOTE: TO BE A VALID COPY THIS DRAWING MUST BE PRINTED OR VIEWED IN FULL COLOUR

- KEY**
- VALVE SYMBOLS**
- Butterfly Valve Double Acting.
 - Butterfly Valve Double Acting Adjustable Stop.
 - Ball Plug Valve.
 - Diaphragm Valve Pressure Close.
 - Diaphragm Valve Pressure Open.
 - Diaphragm Valve Pressure Adjustable Stop.
 - Control Valve.
 - Manual Valve.
 - Non-Return Valve.
 - Relief Valve.
 - Float Valve.
 - Sight Glass.
- INSTRUMENT SYMBOLS**
- FIRST LETTER
- A - ALARM
 - C - CONDUCTIVITY
 - F - FLOW
 - L - LEVEL
 - P - PRESSURE
 - T - TEMPERATURE
- SUBSEQUENT LETTERS
- D - DIFFERENTIAL
 - I - INDICATOR
 - M - MONITOR
 - S - SWITCH
 - C - CONTROL
- RAW WATER**
- Filtered Water
 - Treated Water
 - Polished Condensate
 - Unpurified Condensate
 - Acid
 - Dilute Acid
 - Air
 - De-cationised Water/Treated Water Mixture
 - Effluent Drains
 - Brine
 - Caustic
 - Dilute Caustic
 - Caustic Transfer
 - De-cationised Water

NOTE: PIPEWORK IDENTIFICATIONS A, B, C, D, E AND F ARE SHOWN ON DRAWING HYB/NV/0222 AND 0223

REFR TO DRG No. HYB/NV/0222 CPP7 ACID DILUTION

REFR TO DRG No. HYB/NV/0223 CPP8 ACID DILUTION

Rev 30	2 FILTERS REPLACED WITH NON RETURN VALVES 1/A/140 AND 2/A/140	Rev 29	JUMP ADDED AFTER T67/W/285 AND AFTER T68/W/285. REVISION 28 WAS CANCELLED	Rev 27	ERROR CORRECTIONS	Rev 26	ERROR CORRECTIONS.	Rev 25	REVISION RAISED TO CORRECT FAULT ON PDF FILE.	Rev 24	VALVES T67/ZR/R14 & T68/ZR/R14 & ASSOCIATED LINES ADDED. VESSEL HEIGHTS ADDED.	Rev 23	VALVE IDENT T67-WT-318 & T68-WT-318 WERE PREVIOUSLY SHOWN AS T67-WT-309 & T68-WT-309 RESPECTIVELY.	Rev 22	PRESSURE RELIEF VALVES T68-WT-R1868A T68-WT-R1868B T68-WT-R1868C T67-WT-R1868A T67-WT-R1868B T67-WT-R1868C ADDED.	Rev 21	VALVE T68/W/285 WAS PREVIOUSLY SHOWN AS T67/W/285.		
Rev 20	T68/W/54 BECOMES T68/W/314. T68/W/314 BECOMES T68/W/311A. T68/W/31A BECOMES T68/W/311B. T68/W/31C BECOMES T68/W/311C. T68/W/RS2 RELOCATED. T68/W/PS15C AND PS RELOCATED. ALUM OMITTED FROM SYMBOLS LIST. RESIN TRANSFER & REGEN WATER PUMP BECOMES 9.0M ³ /H @ 5 BAR. RELIEF VALVE T67-WT-R1868* ADDED. COLOUR KEY MODIFIED TO MATCH HYB/GW/0302. T67/W/285 WAS PREVIOUSLY SHOWN AS T67/W/285. T67/W/RS2 RELOCATED.	Rev 19	VALVE IDENT T68/W/314 CORRECTED. LINE CONNECTED BETWEEN T68/ZR/3C & T68/W/314.	Rev 18	REVISED IN LINE WITH PLANT WALKDOWN.	Rev 17	VALVES T67-ZR-3A, 3B, 3C PREVIOUSLY SHOWN AS T67-ZR-5A, 5B, 5C. VALVES T68-ZR-3A, 3B, 3C PREVIOUSLY SHOWN AS T68-ZR-5A, 5B, 5C.	Rev 16	DUPLICATE VALVE, IDENT T67/W/314 DELETED. MINOR PIPE MODIFICATIONS.	Rev 15	VALVE IDENT T67/W/292 CORRECTED. PREVIOUSLY SHOWN AS T67/W/296.	Rev 14	AEJ 05/01/04	Rev 13	AEJ 05/01/04	Rev 12	AEJ 05/01/04	Rev 11	AEJ 05/01/04
Rev 10	Rev 9	Rev 8	Rev 7	Rev 6	Rev 5	Rev 4	Rev 3	Rev 2	Rev 1	Rev 0	Rev 0	Rev 0	Rev 0	Rev 0	Rev 0	Rev 0	Rev 0		

British Energy Heysham 2 Power Station

Flow Diagram for MIXED BED CONDENSATE POLISHING (CONESOP REGEN)

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Orig Scale: N.T.S. Drawing Number: HYB/GW/0320 Rev: 30