

[illegible]

CORRECTIVE ACTION TIMING PLAN				BUSINESS UNIT :- Pontypool Site CHAMPION :- Shane Thomas										HSE 0064 & HSE 0065 January 2023							
OWNER :- S. Thomas Phone :- 4178				SUBJECT :-				Corrective actions ref. ISO 14001 issues 2023													
DATE :- 25/01/2023				Last update :- 31/01/2024																	
ELEMENT		CONCERN	CORRECTIVE ACTION	Resp.	Target Date	Initiated	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	Action Complete	COMMENTS			
18 Waste Management		Quantity of sludge tankers required	Re-investigate capacity of the filter presses to improve filter cake production and reduce req ^m for sludge tankers	All	Nov '23														Quote for new filter press obtained. Business case required to obtain CAPEX spend. 45% reduction in hydroxide sludge waste achieved with current filter presses		
19 General		Site Management	Develop a zinc plant decommissioning plan to ensure that the closure and removal of equipment takes environmental issues into account	All	Dec '23														Ground water monitoring carried out - awaiting results		
20 General		Information knowledge	Conduct annual MWF refresher training - Information leaflet on MWF to be issued to employees - review document to ensure it remains relevant	All	Oct '23														MWF information leaflet issued		
21 General		Legionella Management	Carry out remedial works in line with the 2022 Legionella risk assessment	All	Jun '23																
22 Waste Management		Waste Management	Review waste streams to determine further opportunities to reuse/reduce/recycle	All	Dec '23														On-going throughout the year		
23 Waste Management		Waste Management/reduction	Review the procedure for the waste yard to ensure wastes are handled correctly	All	Jul '23														This is a long term issue that is ongoing		
24 Waste Management		Waste Monitoring/reduction	Reinvestigate potential to recycle plastic tray packaging	All	Dec '23														Some recycling opportunities but it is dependent upon the tray and plastic used. Each load is assessed prior to disposal		
25 Waste Management		Waste Management/reduction	Investigate reduction in chemical container waste - Dosing zinc nickel chemicals from IBC as opposed to carboys	All	Aug '23														HCL carboys replaced with IBC delivery system. Further improvements to be made following removal of the HPHW system which will create space for the IBC's		
26 Waste Management		Waste Monitoring/reduction	Investigate why the zinc nickel plating solution waste is being produced and take the necessary actions to eliminate/reduce this waste stream.	All	Dec '23														Due to process inefficiencies whilst on six tanks. No current solution available - Chemical supplier has been involved in the discussion regarding options/alternatives		
27 Maintenance		Effective control of fume from the plating process	Review plant maintenance matrix schedule to ensure that the maintenance is being carried out at the appropriate time intervals	All	Apr '23														ACTION ONGOING Maintenance schedule reviewed and re-issued by ML		
28 Waste Management		Waste Monitoring/reduction	Investigate sampling each IBC of zinc nickel plating solution waste to determine the concentrations of metals and direct to the correct waste stream.	All	May '23														Not currently viable		
29 Energy Management		Energy Monitoring/reduction	Review reports can be generated by the new sub metering software so that the data can be used to prioritise actions.	All	Jul '23														Use of PowerBI software to collate information and assist in highlighting energy issues		
30 Energy Management		Energy Monitoring/reduction	Improve temperature control of the Zinc nickel plating tanks – reduction in use of the chiller	All	July '23														All tanks on auto temp. control valves. Chiller pipework modified to include a return loop to prevent the chiller dead heading when there is no flow through the system		

