

		CORRECTIVE ACTION TIMING PLAN				BUSINESS UNIT :- Pontypool Site												HSE 0064 & HSE 0065 January 2020	
						CHAMPION :- Shane Thomas													
OWNER :- S. Thomas		SUBJECT :- Corrective actions ref. ISO 14001 issues 2020														DATE :- 16/01/2020			
Phone :- 4178																Last update :- 19/01/2021			
No.	ELEMENT	CONCERN	CORRECTIVE ACTION	Resp.	Target Date	Initiated	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	Action Complete	COMMENTS	
1	Legislative compliance	Compliance with IPPC permit conditions	Provide annual usage figures for effluent, water waste & energy for 2018 to the NRW	ST	Feb '20												Jan '20	Information submitted	
2	Legislative compliance	Compliance with IPPC permit conditions	IC4 - Review emission of zinc released via the V-notch to reduce levels to benchmarks noted in section 3.2.2 of the Agency Guidance Note IPPC S2.07	ST	Feb '20												Jan '20	Information submitted	
3	Legislative compliance	Compliance with IPPC permit conditions	IC6 - Undertake an assessment of the energy management improvement measures on site	ST/NJ	Jul '20												Jul '20	Energy team meets weekly to discuss and focus on energy savings	
4	Legislative compliance	Compliance with IPPC permit conditions	IC7 - Carry out a water efficiency audit of the installation	ST/AE/NJ	Sep '20												Sep '20	Information submitted	
5	Legislative compliance	Compliance with IPPC permit conditions	Review OPERA scoring based on actual data for 2019	ST	Mar '20												Mar '20	Information submitted	
6	Legislative compliance	Compliance with IPPC permit conditions	Provide NRW with completed Annual Pollution Inventory for the site with 2019 data	ST	Mar '20												Mar '20	Information submitted	
7	General	Chemical Management	Investigate system to pump chemicals into the tanks without having to manually lift them onto the catwalk.	SW	Sep '20													Not carried out due to COVID restrictions	
8	General	Control of dangerous weeds	Continued treatment of japanese knotweed on site.	NJ	Dec '20												Dec '20	Treatment completed for 2020	
9	Ground Contamination	Current site contamination from past processes	Continue with the remediation of chlorinated solvent contamination with the TRW Remediation Team Arcadis	ST	Dec '20												Dec '20	Remediation work completed for 2020	
10	General	Emergency planning	Plan a fire evacuation for Q2 2020 accross all 3 shifts	ST	Jul-20												Jul-20		
11	Energy Management	Energy Monitoring/reduction	Develop energy (Electrical) KPIs for the each cell - Collect base line data for energy usage in each cell.	ST/NJ	Aug '20													Not possible at present time - further information needs to be gathered in order to calculate KPIs	
12	Energy Management	Energy Monitoring/reduction	Develop energy (Gas) KPIs for the each process equipment using gas within the process	ST/NJ	Aug '20													Not possible at present time - further information needs to be gathered in order to calculate KPIs	
13	Energy Management	Energy Monitoring/reduction	Improve control and flexibility in terms of compressed air	CH/NJ	Dec '20													Action ongoing throughout 2020	
14	Energy Management	Energy Monitoring/reduction	Reduce air leaks by removing old/redundant equipment	CH/NJ	Dec '20													Action ongoing throughout 2020	
15	Energy Management	Energy Monitoring/reduction	Identify and remove redundant compressed air pipe work	CH/NJ	Dec '20													Action ongoing throughout 2020	
16	Energy Management	Energy Monitoring/reduction	Continue energy team to review sub metering data to target improvements	ST	Dec '20													This is a long term issue that is ongoing	
17	Energy Management	Energy Monitoring/reduction	Review Machine shutdown procedures to maximise energy saving when not in use	ST	Jul '20													Machine shutdown procedures in place but are continually being refined to achieve better energy savings	

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18	Energy Management	Energy Monitoring/reduction	Use sub metering to improve Energy Profile for the site	ST	Oct '20													This is a long term issue that is ongoing	
19	Energy Management	Energy Monitoring/reduction	Re-look at viability of localised boiler units for process plants – Combined heat and power unit	AW/NJ	Dec '20													Held over in 2020 due to cost restrictions as a result of COVID	
20	Energy Management	Energy Monitoring/reduction	Resolve gas leak	AW/NJ	Jun '20												Jun '20		
21	Ground Contamination	Ground contamination prevention	Inspect interceptor for oil contamination & clean out if necessary	NJ	Jul '20												Jul '20		
22	General	Hazardous materials management	Document periodic visual inspections carried out on Asbestos Containing Materials.	NJ	Dec '20												Dec '20	2020 Asbestos survey carried out	
23	General	Housekeeping throughout the site	Continue with the 5C/Housekeeping improvement projects in each business.	All	Dec '20												Dec '20	Continual item each year	
24	General	Information knowledge	Conduct MWF refresher training	ST	Oct '20												Oct '20		
25	General	Legionella Management	Carry out remedial works in line with the 2020 Legionella risk assessment	NJ	Dec '20												Dec '20	Action ongoing throughout 2020 Next assessmnt due 2021	
26	General	Legionella Management	Remove redundant water pipe work to reduce dead ends, etc	NJ	Dec '20												Dec '20	Action ongoing throughout 2020 Next assessmnt due 2021	
27	Waste Management	Quantity of sludge tankers required	Re-investigate capacity of the filter presses to improve filter cake production and reduce req ^{mt} for sludge tankers	ST/NJ	Nov '20													Project put temporarily on hold due to COVID cost restrictions	
28	General	Site Management	Develop a Drumbrake closure plan to ensure that the closure and removal of equipment takes environmental issues into account	ST/SJ	Dec '20													Business ceased. Some equipment removed but No plans as yet to remove processes	
29	General	Training	Provide refresher training for plant controllers	ST	Dec '20												Dec '20		
30	Waste Management	Waste Management	Review waste streams to determine further opportunities to reuse/reduce/recycle	ST	Dec '20												Dec '20		
31	Waste Management	Waste Management	Re-investigate splitting costs for waste to individual processes to help improve determination of process running costs	ST	Oct '20												Oct '20	No measurements of waste removed from separate processes	
32	Waste Management	Waste Management	Investigate a method to improve the handling of cast iron filter paper	GP	Sep '20													Segregate into clip top drums	
33	Waste Management	Waste Management	Analyze waste data to determine not just the high waste items being produced but also the high cost wastes to help target opportunities Present waste data in terms of cost as well as volume	ST	Sep '20												Dec '20	HSE 090	
34	Waste Management	Waste Management	Reinvestigate the potential project proposed by Brakes India to recycle the cast iron borings	ST	Sep '20												Sep '20	Corporate Project currently on hold due to COVID	



