

Permit Reference Number: DP3430LX

Operator: ZF Automotive UK Ltd.

Installation: ZF Automotive UK Ltd., Pontypool

Form Number: R1

Reporting of Waste Disposal and Recovery for the year: 2021

Waste Description	Disposal Route	Tonnes	Recovery Tonnes
1a) Hazardous Wastes - Solid	Landfill	35.32	8.26
1b) Hazardous Wastes - Liquids	Chemical Treatment	1650.96	
2) Non-Hazardous Wastes			
TOTAL WASTE	-	1694.54	

Trends in Waste Disposal and Recovery		
Year	Parameter	
	Named Waste	Total Waste
2017	1262.34	1262.34
2018	1172.50	1172.50
2019	1359.60	1359.60
2020	1401.28	1401.28
2021	1694.54	1694.54

Operator's comments:

Waste increases due to:

- Hydroxide Sludge Disposal – Increase of 35% - The inability of the effluent sludge press to keep up with demand resulting in the sludge being tankered offsite as opposed to being pressed into a filter cake to reduce the volume. Options are being considered to upgrade the filter press unit to increase capacity.
- plating solution disposal – increase of 200% - Increase in the quantity of plating solution disposed of to maintain the tank concentration strengths. This waste is doubled the 2020 volumes. Partly due to the inefficiencies of the zinc nickel plant when running lower volumes on 6 tanks. Currently working with supplier to look at options to help reduce this waste.
- Disposal timing – Some waste produced in 2020 but disposed of in 2021 as there was not enough for a full load in 2020.



Signed:
(Authorised to sign as representative of ZF Automotive UK Ltd.)

Date: 27/01/22

Date of form: 05/12/2013