

RELEASE TO AIR

RELEASE SUMMARY FOR Qtr 1 2022

Operator: **Harsco Metals Group**

Location: Port Talbot Works, Port Talbot, SA13 3NG

Authorisation/Variation Number: BL7191/BL7191

Release Points: AS3

WEEK	Operation Parameters			
	Total Hrs Lancing Inside Burning Booth	Weight of Dust Collected From Booth Bins (Kg)	No of Stuck Pots Lanced, Pot ID number in brackets	Total Hours Lancing on Stuck Pots
01/01/2022	0			
08/01/2022	0			
15/01/2022	0			
22/01/2022	0			
29/01/2022	0			
05/02/2022	0			
12/02/2022	0			
19/02/2022	0			
26/02/2022	0			
05/03/2022	0			
12/03/2022	0			
19/03/2022	0			
26/03/2022	0			
	0	0	0	0
Total for Quarter	Total Hours	Total weight of Fume Collected	Total Number of Pots Lanced	Total Number of Hours Pot Lanced

SIGNED ON BEHALF OF THE OPERATOR BY:

DATE:

RELEASE TO AIR

RELEASE SUMMARY FOR Qtr 1 2022

OPERATOR: Harsco Metals Group

LOCATION: Port Talbot Works, Port Talbot, SA13 9AY

AUTHORISATION/VARIATION NUMBER: BP3635MR/BL7191

RELEASE POINTS: AS4 at MR

Desulphurisation Slag pot tipping assessments (density of emmissions)							Bos slag	Stuck Pots
Week	1	2	3	4	Total No of Desulph pots tipped	No of desulph pots tipped with a standing time of <30 mins	Total no of Bos slag pots tipped	No of stuck skulls needing attention
01/01/2022	3	17	0	0	20	0	246	
08/01/2022	8	22	2	0	32	0	261	
15/01/2022	9	29	0	0	38	0	281	
22/01/2022	2	31	3	0	36	0	281	
29/01/2022	2	27	0	0	29	0	253	
05/02/2022	3	14	1	0	18	0	115	
12/02/2022	3	14	0	0	17	0	90	
19/02/2022	1	15	0	0	16	0	103	
26/02/2022	5	19	0	0	24	0	209	
05/03/2022	0	27	5	0	32	0	214	
12/03/2022	2	20	4	0	26	0	243	
19/03/2022	1	32	0	0	33	0	234	
26/03/2022	1	33	0	0	34	0	208	
Total for Quarter	40	300	15	0	355	0	2738	0

NB Tipping assessments numbers based on Ringleman chart. The higher the score on tipping the higher the perceived releases to air from the tipping operation

Stuck pots will need wither chipping out with pecking machine or lancing. Pots requiring lancing report on form A1

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AUTHORISATION/VARIATION No: BP3635MR/BL7191

RELEASE POINTS: AS3

Desulph and Kish operational parameters

Week	Parameter					
	Desulph pots		Desulph slag pot standing times			
	No of desulph pots in site fleet	Total no of desulph slag pots available for desulph slag tipping	Maximum (hours)	Mean (hours)	Minimum (hours)	Standard Deviation
01/01/2022	40	33	142.83	119.4	90.83	13.08
08/01/2022	40	33	124.58	104	88.6	10.31
15/01/2022	41	32	116.33	91.36	77.5	7.64
22/01/2022	41	32	107.16	86.06	59.58	13.27
29/01/2022	40	33	136.58	1001.82	80.75	12.34
05/02/2022	40	33	169.91	112.87	78.58	37.38
12/02/2022	40	33	214.25	185.75	148.25	18.49
19/02/2022	40	33	180.16	162.62	130.16	11.92
26/02/2022	40	33	171.5	115.7	73.58	33.49
05/03/2022	40	32	108.58	72.75	31.75	20.05
12/03/2022	40	32	102.75	74.47	53.75	10.73
19/03/2022	40	32	103.16	77.61	52.5	12.8
26/03/2022	40	32	86.08	67.84	44.33	11.49
Total for Quarter	40.2	32.5	135.7	174.8	77.7	16.4
	Average	Average	Maximum over period	Mean average over period	Minimum over period	N/A

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OPERATOR: Harsco Metals Group

LOCATION: Port Talbot Works, Port Talbot, SA13 3NG

AUTHORISATION/VARIATION NUMBER: BL7191/BL79191

RELEASE POINTS: AS4

PARAMETER				
WEEK	PRODUCTION HOURS WORKED ON THE METAL RECOVERY PLANT	MATERIAL PROCESSED THROUGH METAL RECOVERY PLANT	METAL RECOVERED FROM MATERIAL PROCESSING	WATER BOWSER SBW396
	Total Hours	Total Tonnage	Total Tonnage	Total Hours
01/01/2022	0	0	0	0
08/01/2022	28.9	11973.66	3198.66	0
15/01/2022	57.9	6994.36	104.36	0
22/01/2022	41.1	13126.39	2081.39	0
29/01/2022	61.8	10912.55	2367.55	0
05/02/2022	45.2	10240.05	3290.05	0
12/02/2022	52.35	9631.25	2211.25	0
19/02/2022	55.7	14149.6	3254.6	0
26/02/2022	57.46	9298.55	4373.55	0
05/03/2022	45	8511.92	1991.92	0
12/03/2022	48.7	9313.65	2383.65	18
19/03/2022	45.8	9424.8	2449.8	0
26/03/2022	34.6	7324.15	2634.15	25
Total for Quarter	574.51	120900.93	30340.93	43
	Total Hours	Total Tonnage	Total Tonnage	Total Hours

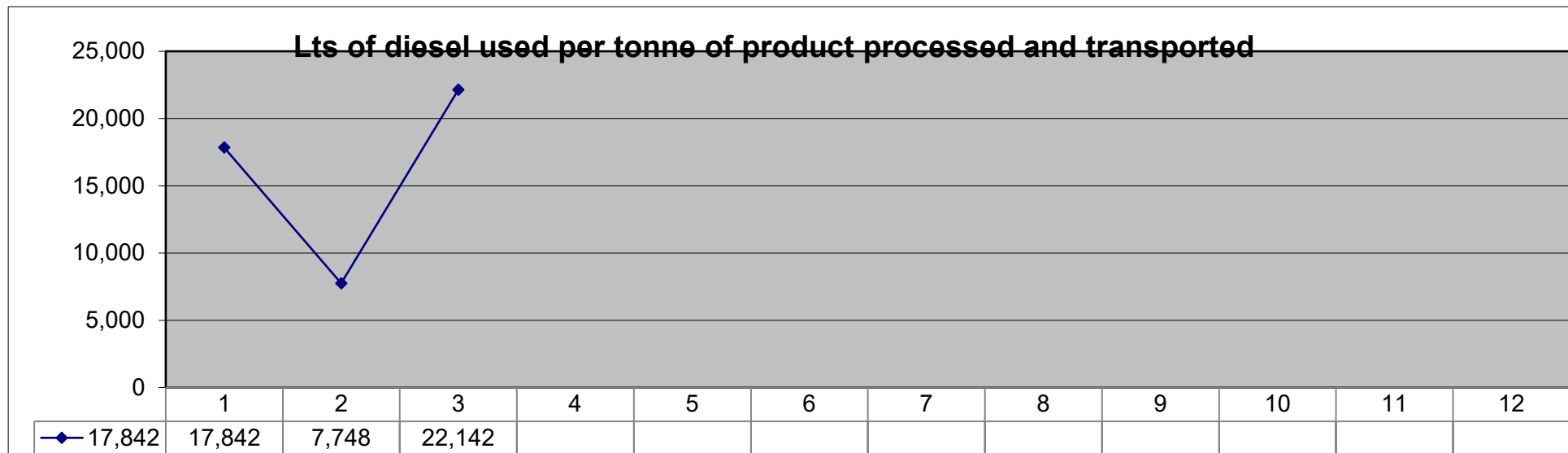
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DATE:

Metal Recovery Site Port Talbot

Permit No - BL 7191

Month	Tonnes Scrap haulage processed	Lts Diesel used to process and transport product	Lts of diesel used per tonne of product transported							
Jan	15,582	17,842	1.15							
Feb	9,094	7,748	0.85							
March	25,527	22,142	0.87							
April			#DIV/0!							
May			#DIV/0!							
June			#DIV/0!							
July			#DIV/0!							
Aug			#DIV/0!							
Sept			#DIV/0!							
Oct			#DIV/0!							
Nov			#DIV/0!							
Dec			#DIV/0!							
Total	50,204	47,732	0.95							



INCLUDED IN CALCULATION		TONNAGE SHEET	Formula here-	0 (paste onto row 2)
Skull	To Bos	From Stock		
C Steel/SR		From Stock		
C/SR Desulph		From Stock		
Slab		From Stock		
Oversize		From Stock		
A Desulph	To Bos	From Stock		
Pig Iron	To Bos	From Stock		
Cont Pig	To Bos	From Stock		
Concast	To Bos	From Stock		
Chrome Rolls		From Stock		
Lanced Skull		From Stock		
Coolant		From Stock		

NOT INCLUDED
 De Tinned Bales
 Incinerator Bales
 Tin Can Bales
 Pressed bales
 Rail Scrap
 OA
 1+2 Scrap
 4C Bales

E and F Scrap