DATABASE FOR THE YEARLY MERCURY BALANCE (values in tonnes)			
Site:	Torviscosa / UD	Plant discharge in catchment area of:	
Company:	Caffaro S.r.l.	Atlantic Ocean / North Sea	
Country:	ITALY	Mediterranean Sea	X
		Baltic Sea	
Calculated capacity:	68000 t Cl2/yr	Black Sea	
Code number: (for internal use)	31	Resaturated brine	X
Year	2005	Once through brine	

1 - CELL INVENTORY METHODOLOGY MEASUREMENT

Kind of method used	Previous		Current	
	Date	Amount (tonnes)	Date	Amount (tonnes)
Radiometric method(1)				
Estimation	31/12/2005	103,485	31/12/2006	110,558

2 - INVENTORY OF MERCURY (CELLS + STOREHOUSE)

(IA) At the beginning of the year (tonnes)	108,100
(IB) At the end of the year (tonnes)	113,093
(I) Variation on the year (tonnes) I = IA - IB [2]	-4,993

3 - TRANSFER OF MERCURY BETWEEN EUROPEAN COMPANIES DURING THE PERIOD*(Values in tonnes)

Site(s) with which the transaction has been made	In (m)[3]	Out (n)[4]
TOTAL	0,000	0,000

(1) See Anal 10.

(2) I > 0 means decrease of the inventory; I < 0 means increase of the inventory.

(3) Mercury received from other sites.

(4) Mercury sent to other sites.

4 - MERCURY PURCHASES (TONNES) T[5]	7,627
5 - MERCURY SALES (TONNES) U[6]	0,000
6 - MERCURY CONSUMPTION (TONNES)	

Mercury introduced or removed from stock in the period* (tonnes) (M)

$M = m - n + t - u$ 7,627

Consumption: C = I + M 2,634

7 AMOUNT OF MERCURY IN WASTES TEMPORARILY STORED

7.1 Wastes awaiting recovery

a) Mercury in stock at the beginning of the period* (tonnes)	8,443
b) Mercury in stock at the end of the period* (tonnes)	9,700
c) Change over the period (tonnes) =(b) - (a)*	1,257

7.2 Wastes awaiting disposal

d) Mercury in stock at the beginning of the period* (tonnes)	0,000
e) Mercury in stock at the end of the period* (tonnes)	0,513
f) Change over the period (tonnes) =(e) -(d)*	0,513

7.3 Wastes awaiting a decision for destination

g) Mercury in stock at the beginning of the period* (tonnes)	0,073
h) Mercury in stock at the end of the period* (tonnes)	0,291
i) Change over the period (tonnes) = (h) - (g)*	0,218

Total change of mercury in wastes over the period (Ft) = (c) + (f) + (i)

1,988

* The period has to be one year.

[5] t does not include m (see section III)

[6] u does not include n (see section III)

ALL VALUES IN THE FOLLOWING TABLE ARE IN g Hg/t Cl2 capacity

SUMMARY OF MERCURY BALANCE (g Hg/t Cl2 capacity)		
1. Mercury consumption Consumption		38,735
2. Mercury emission (E)		
2.1. Products (E1)		0,247
2.2. Waste water (E2)		0,007
2.3. Waste gases (E3)		2,273
2.3.1. Process exhaust	0,012	
2.3.2. Cellroom ventilation	2,261	
		2,527
3. Mercury in the wastes temporarily stored (F)		29,235
4. Mercury in the wastes safely disposed of (S)		5,529
Difference to balance: DB = C – E – F – S (DB)		1,444

Add comments if any of data of the present balance
is significantly different to the previous year
(Add a detailed annex when necessary)

We have used the old calculation method.
You can modify the formulas to obtain the new one.

Do you apply the Euro Chlor recommendation (Env. Prot. 12) Yes X
If the response is no, what are the differences? No
(Add a detailed annex when necessary)

(7) Specify location (1) at outlet of purification unit
or (2) at battery limits of chlorine plant
or (3) at outlet to public waters