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23562

Data collection formats for cessation of ODS production in Oltchim plant, Romania

Ex-Com Form 1

A. Plant identification

Name of enterprise:	S.C.OLTCHIM S.A.
Plant reference number:	
Sector plan number:	
Address of the plant:	Uzinei Street no. 1
Contact person(s) and functional title:	Gheorghe Balint, manager of production
Telephone number:	00 40 250 701200
Fax number:	00 40 250 735030
E-mail address:	protectiamediului@oltchim.ro

B. Verification

Team composition:	1. Ess Jay Consultants, 2. UNIDO, 3. Government of Romania
Leader:	
Name:	Dr. R Oshima
Functional title:	Industrial Development Officer, UNIDO
Members:	
Name:	Ms Zilha Pinjo Dzigal,
Functional title:	Contracts Officer, UNIDO
Name:	V K Trehan
Functional title:	Technical Expert
Name:	Hitesh Mahajan
Functional title:	Financial Expert
Date of plant visit:	
Duration of visit:	
Date of Audit:	

Ex-Com Form 2

Plant History (Production of ODS)

S No	ODS Products	No of lines	Capacity baseline year ⁽¹⁾	Baseline year (avg)**	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
1	Carbon tetra chloride (CTC)	1	18,000	9068.9	4,241	2,617	10,133	9,722	12750.7	4,734	1,680	1,058	181.82	160	230	0	154
2	Raw material production³																
	Dichloropropane		0	-	0	0	0	0	0	0	1850.46	3549	6384	7879	13479	0	20065
	Chlorine for CTC		-	-	7633.8	4736.77	17631.42	16916.28	21676.19	7905.78	3220.6	2031.36	318.54	285.59	411.01	0	238,7
3	Other Products																

Ex-Com Form 3

Annual CTC quotas, production, sales and stocks since the baseline year

Carbon tetrachloride	Baseline year (avg. 98-00)	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Quota														
Opening stock at beginning of year		3,376.73	1,406.37	1,564.96	1,102.46	1,664.62	948.76	429.66	160.72	28.51	81.67	57.70	167,90	64,2
Production	9,068.90	4,241.00	2,617.00	10,133.00	9,722.00	12,750.70	4,734.00	1,680.00	1,058.00	181.82	160.00	230.00	0	154
Purchases		-	-	-	-	-	-	-	-	-	-	-	-	-
Sales / transfer for process reagent		6,091.77	2,395.07	10,523.50	9,089.85	13,411.56	5,057.40	1,805.24	1,110.98	14.28	183.97	119.80	103,7	165,9
Loss (Surplus)		-	-	-	-	-	-	-	-	-	-	-	-	-
Closing stock at end of year		1,406.37	1,564.96	1,102.46	1,664.62	948.76	429.66	160.72	28.51	81.67	57.70	167.90	64,2	52,3

(Contd.)

Ex-Com Form 3 (Contd.)

Annual CTC quotas, production, sales and stocks since the baseline year

DEHPC / CTC Mixture	Baseline year (avg. 98-00)	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Quota (CTC)														
Opening stock at beginning of year (CTC)					-	-	0.70	-	-	-	-	35.49	45,79	10,1
Production (DEHPC + CTC)		20.30	50.00	48.80	46.20	20.53	47.08	47.17	58.10	62.74	86.70	90,9	101,1	113,7
CTC Component in mixture					35.05	23.36	72.75	63.28	80.50	85.12	183.97	109,5	139,39	145,408
Purchases / transfer as process reagent					35.05	24.06	72.05	63.28	80.50	85.12	183.97	119.80	103,7	165,9
Sales DEHPC for PVC					-	14.83	47.78	46.24	59.00	62.38	86.11	91,31	100,789	112,944
Loss (Surplus)					-	-	-	-	-	-	-	-	-	-
Closing stock (DEHPC+CTC) at end of year					-	0.70	-	-	-	-	35.49	45,79	10,1*	30,592*

* - represent closing stock of CTC from DEHPC plant

Ex-Com Form 4

Annual RM to ODS ratios

CTC	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
DCP / CTC ratio	-	-	-	-	-	-	0.35	0.35	0.343	0.35	0.35	-	0,5
Propylene / CTC ratio	0.145	0.150	0.135	0.135	0.118	0.110	0.15	0.10	0.0588	0.0675	0.04	-	0
Methane / CTC ratio -thousand Nmc/t CTC	0.002	0.002	0.0016	0.0016	0.00051	0.0003	0.0010	0.0005	0.000588	0.0006	0.0006	-	0,0006
Chlorine / CTC ratio	1.800	1.810	1.740	1.740	1.700	1.670	1.920	1.919	1.752	1.785	1.787	-	1,55

Ex-Com Form 5**Operational days per year**

Type of production	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	20
CTC	141	86	268	254	283	134	32	38	5	7	13	0	1

Monthly CTC production and raw material consumption.

CTC production and Dichloropropane (DCP) consumption:

Month	No of operating days	CTC Production	DCP/CTC ratio	DCP opening stock	DCP procured /or added to stock	DCP closing stock
Jan-07	0	0	-	-	-	-
Feb-07	0	0	-	-	-	-
Mar-07	12	154	0,5	576,261	-	174,925
Apr-07	0	0	-	-	-	-
May-07	0	0	-	-	-	-
Jun-07	0	0	-	-	-	-
Jul-07	0	0	-	-	-	-
Aug-07	0	0	-	-	-	-
Sep-07	0	0	-	-	-	-
Oct-07	0	0	-	-	-	-
Nov-07	0	0	-	-	-	-
Dec-07	0	0	-	-	-	-

CTC production and Propylene consumption:

Month	No of operating days	CTC Production	Propylene/ CTC ratio	Propylene opening stock	Propylene procured/or added to stock	Propylene closing stock
Jan-07	0	0	-	-	-	-
Feb-07	0	0	-	-	-	-
Mar-07	12	154	0	-	0	-
Apr-07	0	0	-	-	-	-
May-07	0	0	-	-	-	-
Jun-07	0	0	-	-	-	-
Jul-07	0	0	-	-	-	-
Aug-07	0	0	-	-	-	-
Sep-07	0	0	-	-	-	-
Oct-07	0	0	-	-	-	-
Nov-07	0	0	-	-	-	-
Dec-07	0	0	-	-	-	-

CTC production and Methane consumption:**Ex-Com Form 6 (contd)**

Month	No of operating days	CTC Production	Methane /CTC ratio	Methane opening stock	Methane procured/or added to stock thousand Nmc/t	Methane closing stock
Jan-07	0	0	-	-	-	-
Feb-07	0	0	-	-	-	-
Mar-07	12	154	0,0006	-	0,092	-
Apr-07	0	0	-	-	-	-
May-07	0	0	-	-	-	-
Jun-07	0	0	-	-	-	-
Jul-07	0	0	-	-	-	-
Aug-07	0	0	-	-	-	-
Sep-07	0	0	-	-	-	-
Oct-07	0	0	-	-	-	-
Nov-07	0	0	-	-	-	-
Dec-07	0	0	-	-	-	-

CTC production and Chlorine consumption:**Ex-Com Form 6 (contd)**

Month	No of operating days	CTC Production	Chlorine /CTC ratio	Chlorine opening stock	Chlorine procured/or added to stock	Chlorine closing stock
Jan-07	0	0	-	-	-	-
Feb-07	0	0	-	-	-	-
Mar-07	12	154	1,55	-	238,7	-
Apr-07	0	0	-	-	-	-
May-07	0	0	-	-	-	-
Jun-07	0	0	-	-	-	-
Jul-07	0	0	-	-	-	-
Aug-07	0	0	-	-	-	-
Sep-07	0	0	-	-	-	-
Oct-07	0	0	-	-	-	-
Nov-07	0	0	-	-	-	-
Dec-07	0	0	-	-	-	-

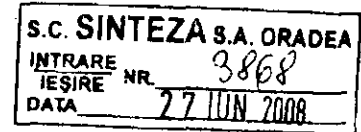


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Banca: BRD Oradea-Agenția Rogerius



To: UNIDO, Wagramer Strasse 5. A-1220 Vienna, Austria

In attention: M. Latrech, Chief, Procurement Services Unit, Operational Support Services Branch

Subject: ANNUAL MONITORING REPORT UNDER ARTICLE V OF THE CONTRACT NO.16001466, BETWEEN UNIDO AND SINTEZA SA – CLOSING OF THE MeBr PRODUCTION FACILITY

In order to implement the Montreal protocol, our company has permanently closed the methyl bromide production plant.

Plant destruction was carried out in august-december 2006. Reactors, tanks, control and monitoring equipment was dismantled and valorified as waste.

Below, there are listed the annual methyl bromide production, sales, consumption and stocks for the year 2007.

Opening stock at the beginning of 2007	0.00
Production	0.00
Export sales	0.00
Local sales	0.00
Consumption	0.00
Closing stock at the end of 2007	0.00

ec. Sorin Păsulă
General Manager



ing. Cătălin Mariaș
Technical Manager



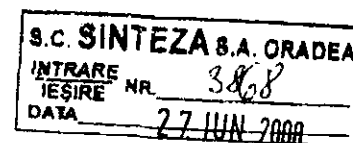
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To: UNIDO, Wagramer Strasse 5. A-1220 Vienna, Austria



In attention: Ms. Zilha Pinjo-Dzgal, Contracts Officer

Subject: ANNUAL MONITORING REPORT UNDER ARTICLE V OF
THE CONTRACT NO.16001466, BETWEEN UNIDO AND SINTEZA SA –
CLOSING OF THE MeBr PRODUCTION FACILITY

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ec. Sorin Păsulă
General Manager



ing. Cătălin Mariaș
Technical Manager

**Technical and Financial Audit
of the CTC plant of Oltchim,
Romania
(Year 2006 - 2007)**

Questionnaire

Project: **MP/ROM/06/004**

ESS JAY CONSULTANTS: Mr. V. K. Trehan, Engineer, Technical Expert
(Site Visit Team) Mr. H. Mahajan, Chartered Accountant,
Financial Expert

GOVT OF ROMANIA:

UNIDO: Dr. R. OSHIMA, Industrial Development Officer

Date of submission:

Monthwise Raw Material and Utilities Consumption for CTC 2007

O - EJC Form - 4

UNIT- MT

CTC Plant	Jan-07	Feb-07	Mar-07	Apr-07	Jun-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Total
DCP Consumption in CTC	-	-	77	-	-	-	-	-	-	-	-	-	77
Propylene Consumption in CTC	-	-	0.0	-	-	-	-	-	-	-	-	-	0.0
Metane Consumption in CTC	-	-	0.092	-	-	-	-	-	-	-	-	-	0.092
Chlorine Consumption in CTC	-	-	238.7	-	-	-	-	-	-	-	-	-	238.7

	Jan-07	Feb-07	Mar-07	Apr-07	Jun-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Total
Steam Consumption	-	-	231	-	-	-	-	-	-	-	-	-	231
Power Consumption(KW)	-	-	26,180	-	-	-	-	-	-	-	-	-	26,180

Comments may be given on the following

Any loss due to accident :
Major loss of raw material or product :
Storage of raw material or product other than plant :

O - EJC FORM - 3

Month wise Value of Sales / Purchase of Carbon Tetrachloride for year 2007

All figures in Value

CTC

Month for year 2007	Domestic sales	Export	Purchases (if any)	Sales return (Write off)	VAT
January	-	-	-	-	-
February	-	-	-	-	-
March	-	-	-	-	-
1st Quarter	-	-	-	-	-
April	-	-	-	-	-
May	-	-	-	-	-
June	-	-	-	-	-
2nd Quarter	-	-	-	-	-
July	-	-	-	-	-
August	-	-	-	-	-
September	-	-	-	-	-
3rd Quarter	-	-	-	-	-
October	-	-	-	-	-
November	-	-	-	-	-
December	-	-	-	-	-
4th Quarter	-	-	-	-	-
Total	-	-	-	-	-

