

30 June 2006

CDM Executive Board

UNFCCC Secretariat

Martin Luther King Strasse 8

P.O.Box 260124, D-53153 Germany

Attention: Mr. José Domingos Miguez, Chairperson

Comment on "Request for Review (Ref. No 0306:Project for HFC23 Decomposition at Changshu 3F Zhonghao New Chemical Materials Co. Ltd, Changshu, Jiangsu Province, China)"

Dear Mr. Miguez,

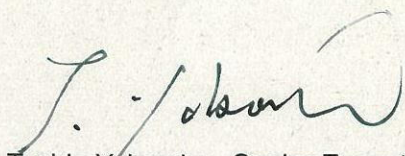
First, we would like to thank the CDM Executive Board for developing an effective and efficient CDM scheme.

To result the next EB meeting in faster registration of the proposed project activity, we wish our comments could be supportive enough for the discussion.

We would like to have some comment on "Request for Review (Project for HFC23 Decomposition at Changshu 3F Zhonghao New Chemical Materials Co. Ltd, Changshu, Jiangsu Province, China) ".

- 1) Comment on "Request for Review"
- 2) Attachment 1-7 to "Request for Review"

Yours sincerely,



Toshio Yokomizo, Senior Executive
Japan Quality Assurance Organization

Comment on “Request for Review”

The validation team conducted the site visit to Changshu 3F Zhonghao New Chemical Materials Co., Ltd. in December, 2005 and prepared the report confirming the HCFC22 production, based on the monthly data of (2), 3) and 4) of the checked materials shown below). After receiving the request for review from the CDM-EB, the validation team conducted the second site visit to the factory from 19 to 20 June for the purpose of checking the monthly/daily data log sheets and for confirming the information including the one already obtained at the first site visit.

The JQA's response to “Request for Review” from the CDM-EB is as follows:

1. The starting date of the first crediting period in the PDD will be revised to October 1, 2006, which is the date that the HFC23 will start to be stored.
2. The validation team verified the numbers of HCFC22 production from 2002 to 2004 during June 19 to 20 site visit in which the representatives of Changshu 3F Zhonghao Chemical Materials Co., Ltd. and relevant persons were interviewed (Attachment 1).

Supplementary data pertaining to the review request were provided and explained by the company besides the materials shown at the first site visit. The system of data processing and data archiving was also checked.

As the result of checking the additional data and information, the validation team confirmed that the production data of 14,375 tons in 2002, 19,974 tons in 2003 and 30,979 tons in 2004 are correct and that the data management system is functioning well and is reliable.

As per the letters of approval for HCFC22 production capacity issued in 1999 and 2000 by Changshu Economy Committee (5) and 6) of the checked materials shown below), the company planned to construct the production plants with the total capacity of 40,000 tons/year, considering the future demand in the market. However, the production in 2002 resulted very low, 14,375 tons, due to the low demand in the market and the technical issues of the production plants, the latter of which were confirmed from checking the daily data log sheets.

The checked materials in the factory which include the original record list of monthly/daily data log sheets are as follows:

- 1) Original Records List (Attachment 2)
- 2) 2002-2004 HCFC-22 Production, Sales, Stock Balance Table (Attachment 3)
- 3) 2002-2004 HF Production, Sales, Stock Balance Table (Attachment 4)
- 4) 2002-2004 Chloroform Production, Sales, Stock Balance Table (Attachment 5)
- 5) Approval for Changshu 3F Fluorochemical Co., Ltd. 20,000 ton/year
Difluorochloromethane Project (Changshu Economy Committee, (1999) No. 90,
Dec. 30, 1999) (Attachment 6)
- 6) Approval for Changshu 3F Fluorochemical Co., Ltd. 20,000 ton/year
Difluorochloromethane Project (Changshu Economy Committee, (2000) No. 122, Oct.
11, 2000) (Attachment 7)

List of Interviewees

(Project for HFC23 Decomposition at Changshu 3F)

Date: 19-20 June, 2006

Name	Organization	Position
Dr. Lu Guoqiang	SEPA	CDM Team Leader
Mr. Shen Xuezhong	Changshu 3F Zhonghao New Chemical Materials CO., Ltd.	Deputy President
Mr. Shen Dexin	Changshu 3F Zhonghao New Chemical Materials CO., Ltd.	General Manager
Mr. Zong Jianqing	Changshu 3F Zhonghao New Chemical Materials CO., Ltd.	HCFC22 Plant Manager
Mr. Yao Xuehua	Changshu 3F Zhonghao New Chemical Materials CO., Ltd.	Finance Manager
Ms. Cai Hui	Changshu 3F Zhonghao New Chemical Materials CO., Ltd.	CDM Team Member
Ms. Nuyi Tao	World Bank	Deal Manager

Original Records List

No	Title of Original Records	Periods Checked
1	Daily Production Statistic Form for HCFC-22 Line A	January 2002, May 2002, January 2003, July 2003, January to December 2005
2	Daily Production Statistic Form for HCFC-22 Line B	January 2002, May 2002, January 2003, July 2003, January to December 2005
3	Monthly Production Statistic Form for HCFC-22 (Line A and B)	January 2002, May 2002, January 2003, July 2003, January to December 2005
4	Yearly Production Statistic Form for HCFC-22 (Line A and B)	January 2002, May 2002, January 2003, July 2003, January to December 2005
5	Reaction Log Sheet for HCFC-22 Line A	January 2002, May 2002, January 2003, July 2003, January to December 2005
6	Reaction Log Sheet for HCFC-22 Line B	January 2002, May 2002, January 2003, July 2003, January to December 2005
7	Distillation Log Sheet for HCFC-22 Line A	January 2002, May 2002, January 2003, July 2003, January to December 2005
8	Distillation Log Sheet for HCFC-22 Line B	January 2002, May 2002, January 2003, July 2003, January to December 2005
9	HCFC-22 Products Put in Storage Form	January 2002, May 2002, January 2003, July 2003, January to December 2005
10	HCFC-22 Daily Inventory Form	January 2002, May 2002, January 2003, July 2003, January to December 2005
11	HCFC-22 Monthly Inventory Check Form	January 2002, May 2002, January 2003, July 2003, January to December 2005
12	HCFC-22 Sales Information Sheet	January 2002, May 2002, January 2003, July 2003, January to December 2005
13	Inventory Products Detail Ledger	January 2002, May 2002, January 2003, July 2003, January to December 2005
14	Products Detail Ledger	January 2002, May 2002, January 2003, July 2003, January to December 2005
15	HCFC-22 Requisite Form of TFE Plant	January 2002, May 2002, January 2003, July 2003, January to December 2005
16	Monthly Filing Record for HCFC-22	January 2002, May 2002, January 2003, July 2003, January to December 2005
17	Calibrate Qualified Certificates for Weighing Equipment	January 2002, May 2002, January 2003, July 2003, January to December 2005

HCFC-22 Production, Sales, Stock Balance Table (2002)

Company: Changshu 3F Zhonghao New Chemical Mate

Unit: ton

Month	Production			Beginning Stock at Finance Report (2)	Transferred to Warehouse (3)		Purchased (4)	Sales and Self-consumption				Closing Stock at Finance Report (6)	Beginning Stock at Production Unit (7)	Closing Stock at Production Unit (8)
	Line A	Line B	Subtotal (1)		Production Units (1)	Finance Dept. (2)		Domestic	Export	Self-consumption	Subtotal (5)			
1	512.959	195	707.959		646.6	572.54	0	173.819			173.819	398.721		61.359
2	644.394	256	900.394	398.72	899.495	899.495	0	1014.824			1014.824	283.391	61.359	62.258
3	604.61	277	881.61	283.391	926.510	926.510	0	1064.577			1064.577	145.324	62.258	17.358
4	756.1	260.5	1016.6	145.324	1008.278	1008.278	0	404.052	763.941		1167.993	-14.390	17.359	25.681
5	727	183	910	-14.39	888.677	888.677	0	222.450	758.653		981.103	-106.816	25.681	47.004
6	1177.05	366	1543.05	-106.816	1531.137	1531.137	0	288.418	1100.444		1388.862	35.459	47.004	58.917
7	1150.88	374	1524.88	35.459	1523.510	1523.510	0	325.878	929.230		1255.108	303.861	58.917	60.287
8	1152.52	325.6	1478.12	303.861	1361.546	1361.546	0	396.045	760.138		1156.183	509.224	60.286	176.860
9	837.35	237	1074.35	509.224	1202.259	1202.259	0	455.300	871.726	27.365	1354.391	357.092	176.86	48.952
10	786	248	1034	357.092	1013.331	1013.331	0	536.596	498.162	3.451	1038.209	332.214	48.952	69.621
11	1127	353	1480	332.214	1353.328	1353.328	0	465.965	859.592	4.261	1329.817	355.725	69.621	196.293
12	1457	368	1825	355.725	1478.219	1478.219	0	1036.915	689.284	-30.017	1696.183	137.761	196.293	543.074
Total	10932.863	3443.1	14375.963		13832.890	13758.830		6384.839	7231.169	5.060	13621.068			

Notes: 6=2+3. 2+4-5 (Finance Report)

8=1+7-3.1(Production Daily Report)

HCFC-22 Production, Sales, Stock Balance Table (2003)

Company: Changshu 3F Zhonghao New Chemical Mate

Unit: ton

Month	Production			Beginning Stock at Finance Report (2)	Transferred to Warehouse (3)		Purchased (4)	Sales and Self-consumption				Closing Stock at Finance Report (6)	Beginning Stock at Production Unit (7)	Closing Stock at Production Unit (8)
	Line A	Line B	Subtotal (1)		Production Units (1)	Finance Dept. (2)		Domestic	Export	Self-consumption	Subtotal (5)			
1	1469.524	381.000	1850.524	137.761	2023.618	2023.618	194.000	1480.902	742.313	25.934	2249.149	106.230	543.074	369.980
2	1395.500	326.500	1722.000	106.230	1578.732	1578.732	400.940	734.523	856.997	34.572	1626.092	459.810	369.980	513.248
3	1346.500	313.000	1659.500	459.810	1962.915	1962.915	495.298	1443.472	1058.700	41.112	2543.285	374.737	513.248	209.834
4	1470.500	357.000	1827.500	374.737	1999.164	1999.164	77.811	759.640	1039.147	94.281	1893.068	558.644	209.834	38.170
5	1324.800	366.700	1691.500	558.644	1606.543	1606.543	442.386	863.256	1165.954	39.227	2068.437	539.136	38.170	123.127
6	1358.000	321.000	1679.000	539.136	1730.891	1730.891	348.879	749.517	1426.560	39.890	2215.967	402.939	123.127	71.236
7	1329.500	283.000	1612.500	402.939	1478.715	1478.715	500.071	874.255	1324.829	7.700	2206.784	174.942	71.236	205.021
8	1347.500	296.000	1643.500	174.942	1447.614	1447.614	478.680	479.599	1303.810	29.894	1813.303	287.933	205.021	400.907
9	1071.540	337.460	1409.000	287.933	1283.768	1283.768	454.390	443.335	1540.963	22.880	2007.178	18.912	400.907	526.139
10	1210.700	352.300	1563.000	18.912	1596.442	1596.442	200.160	405.778	1583.536	29.000	2018.315	-202.800	526.139	492.697
11	1327.360	495.640	1823.000	-202.800	1707.336	1707.336	141.100	528.996	994.017	100.290	1623.303	22.333	492.697	608.362
12	1036.030	456.970	1493.000	22.333	1744.036	1926.699	167.780	855.941	1095.603	165.268	2116.811	0.000	608.362	357.325
Total	15687.454	4286.570	19974.024		20159.773	20342.435	3901.495	9619.214	14132.429	630.048	24381.691			

Notes: 6=2+3. 2+4-5 (Finance Report)

8=1+7-3.1(Production Daily Report)

HCFC-22 Production, Sales, Stock Balance Table (2004)

Company: Changshu 3F Zhonghao New Chemical Mate

Unit: ton

Month	Production			Beginning Stock at Finance Report (2)	Transferred to Warehouse (3)		Purchased (4)	Sales and Self-consumption				Closing Stock at Finance Report (6)	Beginning Stock at Production Unit (7)	Closing Stock at Production Unit (8)
	Line A	Line B	Subtotal (1)		Production Units (1)	Finance Dept. (2)		Domestic	Export	Self-consumption	Subtotal (5)			
1	1783		1783	0.000	1612.667	1430.005		690.174	292.456	92.765	1075.395	354.610	357.325	527.658
2	2215		2215	354.610	2125.753	2125.753	578.040	1055.669	1654.129	163.496	2873.293	185.110	527.658	616.905
3	1501		1501	185.110	1509.522	1509.522	793.028	959.115	1310.114	204.686	2473.915	13.746	616.905	608.383
4	1998.5	1002	3000.5	13.746	2461.301	2461.301	327.031	855.378	1582.501	238.482	2676.360	125.718	608.383	1147.582
5	1825	1267	3092	125.718	3641.514	3641.514		1249.802	2292.058	374.963	3916.823	-149.591	1147.582	598.068
6	1921.5	946	2867.5	-149.591	3376.151	3376.151	158.350	716.037	2025.298	448.406	3189.741	195.169	598.068	89.417
7	1333.6	931.4	2265	195.169	2018.907	2354.417	302.210	474.134	1795.875	80.585	2350.594	501.202	89.417	335.510
8	1448	1113	2561	501.202	2235.943	2561.000	302.670	491.449	1098.989	239.447	1829.885	1534.987	335.510	660.567
9	1925.5	1231	3156.5	1534.987	2628.246	3156.500	0.650	275.335	2270.034	362.716	2908.086	1784.051	660.567	1188.821
10	1614.4	1027.6	2642	1784.051	2793.848	2642.000		742.842	1925.385	643.392	3311.619	1114.432	1188.821	1036.973
11	1688	1132	2820	1114.432	2870.360	2820.000		677.880	1403.376	308.261	2389.518	1544.914	1036.973	986.613
12	1826.5	1249	3075.5	1544.914	2945.959	2478.886		1211.144	2060.855	554.348	3826.347	197.454	986.613	1116.154
Total	21080	9899	30979		30220.171	30557.050	2461.979	9398.958	19711.070	3711.547	32821.575			

Notes: 6=2+3. 2+4-5 (Finance Report)

8=1+7-3.1(Production Daily Report)

HF Balance Table (2002)

Company: Changshu 3F Zhonghao New Chemical Materials Co

Unit: ton

Month	HCFC-22 Production		HF Used to Make HCFC-22(1)		HF for Other Products (2)	Other Consumptions of HF (3)		Enquiry by HCFC-22 Production Units (4)	Stock at HCFC-22 Production Units (5)	Beginning Stock of HF (6)	Production and Purchase Amount of HF (7)	Closing Stock of HF (8)
	Line A	Line B	Line A (1)	Line B (2)		Sale (1)	Lose (2)					
1	512.959	195	270.314	102.668	87.12	88.13	1.965	384	12.724		574.824	15.574
2	644.394	256	336.225	133.197	76.6	117.62	2.502	467	7.8	15.574	556.644	-89.002
3	604.61	277	321.998	147.214	59.409	96.82	2.453	469	5.135	-89.002	714.61	0.379
4	756.1	260.5	395.875	136.148	273.22		2.815	550.5	20.797	0.379	860.303	36.962
5	727	183	409.83	102.595	157.34		2.546	501	6.826	36.962	656.915	35.537
6	1177.05	366	639.244	198.659	128.94	2.24	4.251	837.5	2.172	35.537	981.949	48.806
7	1150.88	374	609.744	198.04	144.43		4.185	812.8	3.003	48.806	965.635	57.211
8	1152.52	325.6	613.834	172.944	152.324		4.054	798	10.171	57.211	985.505	92.392
9	837.35	237	454.514	129.039	134.671		2.947	593	16.671	92.392	701.365	66.086
10	786	248	415.157	130.869	131.68		2.849	548.2	15.996	66.086	748.5	134.706
11	1127	353	647.925	202.421	167.766		4.054	854.4	15.996	134.706	1155.836	268.376
12	1457	368	825.34	208.252	242.18		5.005	1039	16.399	268.376	1206.854	194.05
Total	10932.863	3443.1	5940	1862.046	1755.68	304.81	39.626	7854.4			10108.94	

Notes: 8=6+7-2-3.1-4(Finance Reprt)

5=4-1.1-1.2-3.2+5(Last Month)(Production Daily Report)

HF Balance Table (2003)

Company: Changshu 3F Zhonghao New Chemical Materials Co

Unit: ton

Month	HCFC-22 Production		HF Used to Make HCFC-22(1)		HF for Other Products (2)	Other Consumptions of HF (3)		Enquiry by HCFC-22 Production Units (4)	Stock at HCFC-22 Production Units (5)	Beginning Stock of HF (6)	Production and Purchase Amount of HF (7)	Closing Stock of HF (8)
	Line A	Line B	Line A (1)	Line B (2)		Sale (1)	Lose (2)					
1	1469.52404	381	797.135	205.978	246.11	14.044	5.387	1006.6	14.499	194.05	1391.6	318.896
2	1395.5	326.5	748.335	174.025	155.565	71.8	4.985	930	17.154	318.896	1180.945	342.476
3	1346.5	313	727.729	168.555	308.35	131.88	4.788	905.5	21.582	342.476	1500.768	497.514
4	1470.5	357	744.435	235.312	414.15	65.42	5.302	968	4.533	497.514	1524.144	574.088
5	1324.8	366.7	710.692	196.359	492.43	44.16	4.927	916	8.555	574.088	1505.982	627.48
6	1358	321	729.318	171.895	523.44	9.78	4.866	917	19.476	627.48	1473.687	650.947
7	1329.5	283	716.377	152.134	499.16	31.36	4.673	876	22.292	650.947	1418.987	663.414
8	1347.5	296	813.542	159.266	373.659	65.48	4.921	990	34.563	663.414	1520.678	754.953
9	1071.54	337.46	567.161	196.838	492.5	67.86	4.174	759.4	25.79	754.953	1338.852	774.045
10	1210.7	352.3	630.349	208.329	486.951	39.68	4.587	840.2	22.725	774.045	1514.163	921.377
11	1327.36	495.64	687.814	247.439	541.921	696.504	4.65	932.5	15.322	921.377	1364.711	115.163
12	1036.03	456.97	537.077	225.326	475.922	43.94	4.15	764	12.769	115.163	1503.968	335.269
Total	15687.45404	4286.57	8409.964	2341.456	5010.158	1281.908	57.41	10805.2			17238.485	

Notes: 8=6+7-2-3.1-4(Finance Reprt)

5=4-1.1-1.2-3.2+5(Last Month)(Production Daily Report)

HF Balance Table (2004)

Company: Changshu 3F Zhonghao New Chemical Materials Co

Unit: ton

Month	HCFC-22 Production		HF Used to Make HCFC-22(1)		HF for Other Products (2)	Other Consumptions of HF (3)		Enquiry by HCFC-22 Production Units (4)	Stock at HCFC-22 Production Units (5)	Beginning Stock of HF (6)	Production and Purchase Amount of HF (7)	Closing Stock of HF (8)
	Line A	Line B	Line A (1)	Line B (2)		Sale (1)	Lose (2)					
1	1783		1006.332		779.265	3.84	6.199	1033	33.238	335.269	2177.118	696.282
2	2215		1200.351		634.38	79.526	5.988	1205.1	31.999	696.282	1722.52	499.796
3	1501		818.57		769.34	8.96	7.43	824	29.999	499.796	2147.625	1045.121
4	1998.5	1002	1053.206	527.556	1238.5		8.295	1580.5	21.442	1045.121	2805.632	1031.753
5	1825	1267	942.943	654.061	1160.59	6.4	4.047	1601.6	21.991	1031.753	3105.861	1369.024
6	1921.5	946	1031.504	506.119	1215.636	2.56	5.549	1553.08	31.899	1369.024	2587.343	1185.091
7	1333.6	931.4	724.678	498.62	1176.32		3.002	1226.6	32.199	1185.091	2715.729	1497.9
8	1448	1113	769.032	590.912	2139.4484		7.214	1342.658	7.699	1497.9	2432.4	448.1936
9	1925.5	1231	1020.171	651.436	1392.9576	1.28	7.133	1678.74	7.699	448.1936	2848.798	224.014
10	1614.4	1027.6	846.362	538.534	1514.69		7.104	1392	7.699	224.014	2911.297	228.621
11	1688	1132	885.62	593.416	642.921	1.92	7.464	1486.5	7.699	228.621	2451.99	549.27
12	1826.5	1249	950.261	655.156	502.176	1.928	12.925	1618.342	7.699	549.27	2034.839	461.663
Total	21080	9899	11249.03	5215.81	13166.224	106.414	82.35	16542.12			29941.152	

Notes: 8=6+7-2-3.1-4(Finance Reprt)

5=4-1.1-1.2-3.2+5(Last Month)(Production Daily Report)

Chloroform Balance Table (2002)

Company: Changshu 3F Zhonghao New Chemical Materials Co.Ltd

Unit: ton

Month	HCFC-22 Production		Chloroform Used to Make HCFC-22		Other Consumptions of Chloroform		Total Consumption of Chloroform	Beginning Stock of Chloroform	Purchased Chloroform	Closing Stock of Chloroform
	Line A	Line B	Line A	Line B	Sale	Lose				
1	512.959	195	768.626	291.808		5.236	1065.67		1065.67	0
2	644.394	256	961.721	377.758		6.637	1346.116	0	1346.116	0
3	604.61	277	904.7531	415.552		6.491	1326.7961	0	1326.7961	0
4	756.1	260.5	1130.698	389.138	2055.75	7.517	3583.103	0	7349.754	3766.651
5	727	183	1089.362	274.47		6.763	1370.595	3766.651	1531.2169	3927.2729
6	1177.05	366	1748.486	542.37		11.375	2302.2306	3927.2729	4016.8	5641.8423
7	1150.88	374	1698.165	550.537		11.17	2259.872	5641.8423	955.83	4337.8003
8	1152.52	325.6	1700.107	479.601		10.866	2190.5738	4337.8003	1430.494	3577.7205
9	837.35	237	1237.372	350.1425		7.895	1595.4097	3577.7205	2715.134	4697.4448
10	786	248	1165.24	367.542	12.06	7.611	1552.453	4697.4448	740.4	3885.3918
11	1127	353	1658.443	519.1337	11.92	10.825	2200.3217	3885.3918		1685.0701
12	1457	368	2150.027	544.583	24.01	13.765	2732.385	1685.0701	4941.319	3894.0041
Total	10932.863	3443.1	16213.0001	5102.6352	2103.74	106.151	23525.5259		27419.53	

Chloroform Balance Table (2003)

Company: Changshu 3F Zhonghao New Chemical Materials Co.Ltd

Unit: ton

Month	HCFC-22 Production		Chloroform Used to Make HCFC-22		Other Consumptions of Chloroform		Total Consumption of Chloroform	Beginning Stock of Chloroform	Purchased Chloroform	Closing Stock of Chloroform
	Line A	Line B	Line A	Line B	Sale	Lose				
1	1469.52404	381	2172.713	561.082		14.205	2748	3894.0041	282.18	1428.1841
2	1395.5	326.5	2060.492	481.46		12.83	2554.782	1428.1841	3637.637	2511.0391
3	1346.5	313	1989.079	462.377		12.37	2463.826	2511.0391	1333.08	1380.2931
4	1470.5	357	2173.134	527.502		13.6	2714.236	1380.2931	6792.625	5458.6821
5	1324.8	366.7	1956.368	541.582		12.6	2510.55	5458.6821	-485.07	2463.0621
6	1358	321	2004.046	473.514		12.44	2490	2463.0621	10749.443	10722.5051
7	1329.5	283	1974.944	418.806		12.1	2405.85	10722.5051	635.129	8951.7841
8	1347.5	296	2079.445	456.827	2000	12.728	4549	8951.7841		4402.7841
9	1071.54	337.46	1605.945	505.672		10.63	2122.247	4402.7841	999.71	3280.2471
10	1210.7	352.3	1799.979	524.592		11.71	2336.281	3280.2471	3949.125	4893.0911
11	1327.36	495.64	1962.774	734.848		13.63	2711.252	4893.0911	3155.539	5337.3781
12	1036.03	456.97	1531.365	676.87	1000	11.15	3219.385	5337.3781	6117.21	8235.2031
Total	15687.45404	4286.57	23310.284	6365.132	3000	149.993	32825.409		37166.608	

Chloroform Balance Table (2004)

Company: Changshu 3F Zhonghao New Chemical Materials Co.Ltd

Unit: ton

Month	HCFC-22 Production		Chloroform Used to Make HCFC-22		Other Consumptions of Chloroform		Total Consumption of Chloroform	Beginning Stock of Chloroform	Purchased Chloroform	Closing Stock of Chloroform
	Line A	Line B	Line A	Line B	Sale	Lose				
1	1783		2718.32			37.373	2755.693	8235.2031	105.07	5584.5801
2	2215		3324.532			15.672	3340.204	5584.5801	4336.143	6580.5191
3	1501		2222.851			10.637	2233.488	6580.5191	142.99	4490.0211
4	1998.5	1002	2943.153	1473.62		22.999	4439.772	4490.0211	15145.553	15195.8021
5	1825	1267	2689.228	1865.083		12.274	4566.585	15195.8021	4000.267	14629.4841
6	1921.5	946	2828.765	1391.051		6.082	4225.898	14629.4841		10403.5861
7	1333.6	931.4	1984.62	1377.212		54.449	3416.281	10403.5861	6034.532	13021.8371
8	1448	1113	2133.265	1636.272		23.078	3792.615	13021.8371	1494.679	10723.9011
9	1925.5	1231	2834.476	1811.172		9.601	4655.249	10723.9011	2084.167	8152.8191
10	1614.4	1027.6	2375.75	1512.1		7.21	3895.06	8152.8191	6474.715	10732.4741
11	1688	1132	2483.125	1664.354		16.295	4163.774	10732.4741	4117.569	10686.2691
12	1826.5	1249	2688.28	1837.462		14.319	4540.061	10686.2691	4323.706	10469.9141
Total	21080	9899	31226.365	14568.326	0	229.989	46024.68		48259.391	

Changshu Economy Committee

No. (1999)90

APPROVAL FOR CHANGSHU 3F FLUOROCHEMICAL INDUSTRY CO.LTD 20,000 TONNES PER YEAR DIFLUOROCHLOROMETHANE PRODUCTION PROJECT FEASIBILITY STUDY

Changshu 3F Fluorochemical Industry Co. Ltd:

We acknowledge the receipt of your application for starting a production facility of 20,000 tonnes per annum of difluorochloromethane and the supporting project feasibility study. In order to achieve the economies of scale in the production of difluorochloromethane, we hereby approve Changshu 3F Fluorochemical Industry Co. Ltd's request for a production unit with capacity to produce 20,000 tonnes difluorochloromethane of per annum.

Description of the project: The proposed difluorochloromethane production facility uses HF and chloroform as raw materials to produce difluorochloromethane through catalyst reaction, deacid, condense, and distillation. The company needs to acquire 75 acres of new land, and to construct 4800 square meters of production building, chilling facility, cooling water recycle facility, and production control system.

Total investment for this project is estimated at 21 million RMB, of this amount, 14.7 million RMB is for the purchase of equipment made domestically. The company will use its own capital to make the investment.

Difluorochloromethane production capacity of this project is 20,000 tonnes per year, and this project is expected to increase the company's revenue by 175 million RMB, tax by 26.25 million RMB, and profit by 25 million RMB.

Please implement this project in compliance with "three together" principle and construction should not start before getting the necessary construction permits.

December 30, 1999

Cc: Changshu Environmental Protection Bureau

Changshu Economy Committee

No. (2000)122

APPROVAL FOR CHANGSHU 3F FLUOROCHEMICAL INDUSTRY CO.LTD 20,000 TONNES PER YEAR DIFLUOROCHLOROMETHANE PRODUCTION PROJECT FEASIBILITY STUDY

Changshu 3F Fluorochemical Industry Co. Ltd:

We acknowledge the receipt of your application for production facility of 20,000 tonnes per annum of difluorochloromethane and the supporting project feasibility study. After reviewing the application, our response is as follows.

- a) Approve the production capacity for 20,000 tonnes per annum of difluorochloromethane, which will enhance the competitiveness of the company, promote new product development, improve product quality, and strengthen production capability.
- b) Under the project, one difluorochloromethane facility shall be constructed, which feeds HF and chloroform as raw materials in specified proportion and speed, and produces difluorochloromethane through catalyst reaction, deacid, compress, condense, and distillation. The facility will occupy 5,000 square meters of land and 2,760 square meters of buildings, and requires chilling facility and production control system.
- c) The project should be implemented strictly in compliance with the “three together” principle.
- d) Total investment for this project is 32.24 million RMB, of this amount, 22.5 million is for the purchase of equipment made in China. The company will use its own capital to make the investment.
- e) Difluorochloromethane production capacity of this project is 20,000 tonnes per year, and the project is expected to increase the company’s revenue by 198 million RMB, tax by 29.8 million RMB, and profit by 27.5 million RMB.

Please pay due attention to the project preparation after obtaining this approval, and start construction of this project as early as possible.

October 11, 2000

Cc: Changshu Environmental Protection Bureau, Changshu 3F Fluorochemical Industry Co. Ltd