

A-1

APPENDIX 1
Data from Maintenance Forms

No	Date	Section	Machine	Defect	Breakdown starts	Maintenance log on	Maintenance log off	Total time (hours)	Spare part used	Remarks
1	07/1/2004	Dry Suspension	Dosing	Feeder broke	1200	1300	1400	2	Feeder	-
2	14/1/2004	Dry Suspension	Dosing	Lose screw	1210	-	-	-	-	-
3	17/1/2004	Packing	Blistering	Air	-	-	-	-	-	-
4	20/1/2004	Tablets	Compressor	Part broke	0800	-	-	-	-	-
5	21/1/2004	Dry Suspension	Dosing	Feeder broke	1105	-	1205	1	-	-
6	24/1/2004	Dry Suspension	Dosing	-	1340	-	1540	2	-	-
7	24/1/2004	Civil								
8	25/1/2004	Tablets	Heating	Low heat	1630	-	-	-	-	Date for maint.
9	26/1/2004	Dry Suspension	Packing	Sensor	1700	-	0900	2	-	-
10	16/2/2004	Tablets	Packing	Heater	1200	-	-	-	-	-
11	19/2/2004	Packing	Blister	Stopped	0800	-	-	-	-	-
12	23/2/2004	Packing	Packing	Nose	1000	-	-	-	-	-
13	23/2/2004	Dry Suspension	Packing	-	1330	-	-	-	-	--
14	25/2/2004	Tablets	Compression	Elect.	0930	-	-	-	-	-
15	10/3/2004	Dry Suspension	Packing	-	2200	-	-	-	-	-
16	11/3/2004	Tablets	General	-	1520	-	-	-	-	-
17	14/2/2004	Dry Suspension	Packing	PLC	1430	-	-	-	-	-
18	16/2/2004	Dry Suspension	Dosing	Shaft	2130	-	-	-	-	-
19	22/2/2004	Dry Suspension	Try-conveyer	Low air	-	-	-	-	-	-
20	25/2/2004	Tablets	Hover	Stopped	-	-	--	-	-	-
21	25/3/2004	Packing	Heater	-	-	-	-	-	-	-
22	28/3/2004	Packing	Packing	-	1200	--	1400	2	--	-
23	28/3/2004	Dry Suspension	Hover	Compression	-	-	-	-	-	-
24	03/4/2004	Dry Suspension	Dosing	Feeder	0800	-	1400	6	Feedre	-
25	05/4/2004	Dry Suspension	Dosing	Vibratory	1620	-	0800	1	Feeder	-

A-2

APPENDIX 1
Data from Maintenance Forms

No	Date	Section	Machine	Defect	Breakdown starts	Maintenance log on	Maintenance log off	Total time (hours)	Spare part used	Remarks
26	05/4/2004	Dry Suspension	Dosing	Vibreter	1340	-	-	-	-	-
27	07/4/2004	Dry Suspension	Packing	-	1330	-	0800	9	-	-
28	07/4/2004	Syrups	Civil	-	-	-	-	-	--	-
29	06/4/2004	Tablets	Civil	-	-	-	-	-	-	-
30	19/4/2004	Capsules	Hover	-	0800	-	-	-	-	-
31	22/4/2004	Packing	Packing	-	1530	-	-	-	-	-
32	22/4/2004	Packing	Blister	-	0810	-	-	16	-	-
33	08/4/2004	Tablets	Civil	-	1130	-	-	16	-	-
34	14/4/2004	Packing	V.P.R	-	0730	-	12	4.5	-	-
35	17/4/2004	Civil	Civil	-	0710	-	-	-	-	-
36	17/4/2004	Capsules	Filling	Gear-box	1430	-	-	48	Gears	-
37	22/4/2004	Dry Suspension	Comperson	Broke	1230	-	-	24	-	-
38	24/4/2004	Dry Suspension	Mixer	Stoped	1000	--	-	12	-	-
39	24/4/2004	Tablets	Temp.	Low temp.	0800	-	-	-	-	-
40	25/4/2004	All sections	Elect.	-	-	-	-	--	-	-
41	25/4/2004	Water steation	Civil	-	-	-	-	-	-	-
42	27/4/2004	Tablets	Grannlater	-	-	-	-	-	-	-
43	23/5/2004	Capsules	Civil	-	-	-	-	-	-	-
44	23/5/2004	All sections	Civil	-	-	-	-	-	-	-
45	19/5/2004	Q.C	Civil	-	-	-	-	-	-	-
46	18/5/2004	All sections	Civil	-	-	-	-	-	-	-
47	22/5/2004	Capsules	Compressor	Weak	-	-	-	-	-	-
48	23/5/2004	Q.C	F.test	Elect.	0900	-	-	-	-	-
49	17/5/2004	Syrups	Packing	Program	1500	-	-	-	-	-
50	17/5/2004	Syrups	Labelling	DISP	1600	-	--	-	-	-

A-3

APPENDIX 1
Data from Maintenance Form

No	Date	Section	Machine	Defect	Breakdown starts	Maintenance log on	Maintenance log off	Total time (hours)	Spare part used	Remarks
51	18/5/2004	Dry Suspension	Dosing	Feeder broke	0915	-	-	-	Feeder	-
52	18/5/2004	Syrups	Civil	Air condestion	-	-	-	-	-	-
53	02/5/2004	Packing	Printer	-	1530	-	-	3	-	-
54	05/5/2004	Q.C	Civil	-	-	-	-	-	-	-
55	12/5/2004	Dry Suspension	Dosing	Feeder	1945	-	-	-	-	-
56	13/5/2004	Tablets	Crusher	Shafft	1200	-	-	-	-	-
57	15/5/2004	Packing	Blister	-	1130	--	-	-	-	-
58	25/5/2004	Syrups	Elect.	Civil	1120	-	-	-	-	-
59	26/5/2004	Dry Suspension	Comperssor	-	1245	-	-	3	-	-
60	26/5/2004	Syrups	Comperssor	-	1140	-	-	3	-	-
61	02/5/2004	Dry Suspension	Comperssor	-	1140	-	-	-	-	-
62	02/5/2004	Dry Suspension	Civil	Civil	1140	-	-	-	-	-
63	03/5/2004	Dry Suspension	Comperssor	-	1300	1330	0.5	-	Belt	-
64	25/4/2004	Water station	Civil	--	-	-	-	-	-	-
65	19/4/2004	All section	Civil	-	-	-	-	-	-	-
66	25/4/2004	Dry Suspension	Mixer	Sensor	--	-	-	-	-	Remark
67	17/5/2004	Tablets	Air codetion	Civil	0700	-	-	-	-	Remark
68	26/5/2004	Civil	Civil	Civil						Remark
69	29/5/2004	Tablets	Compersion	-	1600	-	-	-	-	Remark
70	30/5/2004	Packing	Blister	Sensor	0900	-	-	-	-	Remark
71	30/5/2004	Dry Suspension	Packing	Heater	1545	-	-	-	-	Remark
72	01/6/2004	Tablets	Compersion	-	1345	-	-	-	-	Remark
73	03/6/2004	Dry Suspension	Packing	Shafft	1000	-	-	-	-	Remark
74	02/6/2004	Civil	Civil	Civil	-	-	-	-	-	Remark
75	06/6/2004	Dry Suspension	Packing	Shafft	1200	-	-	-	-	Remark

A-4

APPENDIX 1
Data from Maintenance Forms

No	Date	Section	Machine	Defect	Breakdown starts	Maintenance log on	Maintenance log off	Total time (hours)	Spare part used	Remarks
76	06/6/2004	Packing	Blister	Air	0730	-	-	-	-	Remark
77	06/6/2004	Dry Suspension	Packing	Sensor	1600	-	-	-	-	Remark
78	07/6/2004	Dry Suspension	Dosing	Feeder	0830	-	-	-	-	Remark
79	07/6/2004	Packing	V.P.R	Elect.	1700	-	-	-	-	-
80	08/6/2004	Dry Suspension	Packing	Sensor	1700	-	-	-	-	-
81	09/6/2004	Tablets	Compression	Elect.	1415	-	-	-	-	-
82	08/6/2004	Dry Suspension	Packing	Shafft	1500	-	-	-	-	-
83	08/6/2004	Tablets	Grannlater	Elect.	0730	-	-	-	-	-
84	08/6/2004	Dry Suspension	Dosing	Feeder	0900	-	-	-	Feeder	-
85	06/6/2004	Packing	Blister	Air	1755	-	-	-	-	-
86	13/6/2004	Dry Suspension	Mixer	Broken	0700	-	-	3	-	-
87	14/6/2004	Dry Suspension	Labelling	Sensor	0730	-	-	-	-	-
88	14/6/2004	Tablets	Packing	Elect.	0630	-	-	-	-	-
89	14/6/2004	Packing	Blister	-	0630	-	-	-	-	-
90	14/6/2004	Dry Suspension	Dosing	Comperssor	1000	-	-	-	Belt	-
91	16/6/2004	Water station	Elect.	Civil	0700	-	-	-	-	-
92	19/6/2004	Dry Suspension	Dosing	Feeder	2000	-	-	-	-	-
93	20/6/2004	Civil	Air condetion	Civil	0730	-	-	-	-	-
94	20/6/2004	Tablets	Packing	-	0800	-	-	-	-	-
95	17/6/2004	Packing	Printer	Elect.	0830	-	-	-	-	Remark
96	06/7/2004	Civil	-	-	-	-	-	-	-	Remark
97	11/7/2004	Packing	Printer	-	1100	-	-	8	-	-
98	06/6/2004	Water stasion	Elect.	-	-	-	-	--	-	Remark-
99	22/6/2004	Water stasion	Elect.	-	-	-	-	-	-	Remark-
100	22/6/2004	Dry Suspension	Civil	-	-	-	-	-	-	-

A-5

APPENDIX
Data from Maintenance Forms

No	Date	Section	Machine	Defect	Breakdown starts	Maintenance log on	Maintenance log off	Total time (hours)	Spare part used	Remarks
101	27/6/2004	Dry Suspension	Dosing	Feeder	0700	-	-	-	Feeder	Remark
102	29/6/2004	Packing	Packing	Packing	1500	-	-	-	-	Remark
103	03/7/2004	Dry Suspension	Labelling	Labelling	1430	-	-	-	-	Remark
104	04/7/2004	Q.C	Civil	Elect.	0800	-	-	-	-	Remark
105	06/7/2004	Syrups	Comperssor	Stoped	1300	-	-	-	-	Remark
106	05/7/2004	Water station	Elect.	Civil	0730	-	-	-	-	Remark
107	08/7/2004	All sections	Civil	Civil	-	-	-	-	-	Remark
108	12/7/2044	Dry Suspension	Dosing	Feeder broke	0730	-	-	-	Feedre	-
109	12/7/2004	Syrups	Labelling	Elect.	1030	-	-	-	Spear	Remark
110	13/7/2004	Tablets	Comperssor	Elect.	-	-	-	-	-	Remark
111	13/7/2004	Capsules	Hover	Elect.	0800	-	-	-	-	Remark
112	12/7/2004	Tablets	All	-	-	-	-	-	-	Remark
113	14/7/2004	Dry Suspension	Dosing	Feeder broke	2030	-	-	-	Feedre	Remark
114	14/7/2004	Packing	Printer	-	-	-	-	-	-	Remark
115	14/7/2004	Dry Suspension	Dosing	Feeder broke	1815	-	-	-	Feeder	-
116	17/7/2004	Tablets	Civil	Civil	0900	-	-	-	-	-
117	17/7/2004	Dry Suspension	Mixer	Feeder broke	1230	-	-	-	Feeder	-
118	19/7/2004	Syrups	Section	Elect.	0900	-	-	48	Spear	Remark
119	20/7/2004	Capsules	Labelling	Mech.	1530	-	-	-	-	-
120	22/7/2004	Packing	Printer	Timer	0800	-	-	28	-	-
121	25/7/2004	Syrups	Comperssor	Air	1200	---	-	--	-	-
122	26/7/2004	Dry Suspension	Dosing	Feeder broke	1300	-	-	-	Feedre	Remark
123	27/7/2004	Dry Suspension	Dosing	Feeder broke	1830	-	-	-	-	Remark
124	27/7/2004	Dry Suspension	Dosing	Feeder broke	1700	-	-	-	Feedre	Remark
125	28/7/2004	Tablets	Cooting	Heater	1600	-	-	-	-	Remark

A- 6

APPENDIX 1
Data from Maintenance Forms

No	Date	Section	Machine	Defect	Breakdown starts	Maintenance log on	Maintenance log off	Total time (hours)	Spare part used	Remarks
126	02/8/2004	Packing	Printer	Elect.	0900	--	-	-	--	Remark
127	31/7/2004	Dry Suspension	Dosing	Mech.	-	-	-	-	-	Remark
128	02/8/2004	Dry Suspension	Dosing	Mech.	2030	-	-	-	-	-
129	03/8/2004	Syrups	Machine	Mech.	1400	-	-	-	-	Remark
130	04/8/2004	Capsules	Gear-box	Mech.	1130	-	-	-	-	Remark
131	07/8/2004	Dry Suspension	Dosing	Feeder broke	0730	0800	-	16	Feeder	Remark
132	08/8/2004	Dry Suspension	Dosing	Feeder broke	1700	-	-	13	Feeder	Remark
133	10/8/2004	Tablets	Packing	Elect.	0700	-	-	-	Heater	Remark
134	09/8/2004	Dry Suspension	Dosing	Gear-box	1300	-	-	-	-	Remark
135	22/8/2004	Packing	Printer	Stoped	0800	-	-	-	-	Remark
136	24/8/2004	Syrups	Comperssor	Stoped	0830	-	-	-	-	Remark
137	28/8/2004	Civil	Air condtion	Problem	-	-	-	-	-	-
138	28/8/2004	Water station	Elect.	Elect.	0700	-	-	-	-	Remark
139	29/8/2004	Dry Suspension	Dosing	Belt	2100	-	-	-	-	-
140	29/8/2004	Dry Suspension	Dosing	Belt	1210	-	-	-	-	Remark
141	31/8/2004	Civil	Civil	-	-	-	-	-	-	-
142	31/8/2004	Dry Suspension	Airsal	Elect.	1300	-	-	-	-	-
143	31/8/2004	Capsules	-	Elect.	1200	-	-	-	-	-
144	039/2004	Dry Suspension	Dosing	Elect.	1030	-	-	-	-	Remark
145	11/9/2004	Dry Suspension	Dosing	Powder?	1700	-	-	-	-	Remark
146	05/9/2004	Syrups	Labelling	Dowel ?	1100	-	--	-	Dowel	Remark
147	19/9/2004	Packing	Blister	Belt	0830	-	-	-	-	Remark
148	06/9/2004	Civil	Light	-	-	-	-	-	-	-
149	21/9/2004	Capsules	Vaccum	-	-	-	-	-	-	Remark
150	19/9/2004	Civil	Air condtion	-	-	-	-	-	-	-

A-7

APPENDIX 1
Data from Maintenance Forms

No	Date	Section	Machine	Defect	Breakdown starts	Maintenance log on	Maintenance log off	Total time (hours)	Spare part used	Remarks
151	2/10/2004	Civil	-	-	-	-	-	-	-	-
152	3/10/2004	Packing	Packing	Elect.	0905	-	-	-	-	-
153	4/10/2004	Water station	Elect.	Elect.	0700	-	-	-	-	-
154	5/10/2004	Dry Suspension	Labelling	Stoped	1530	-	-	-	-	-
155	5/10/2004	Dry Suspension	Dosing	Feeder broke	1250	-	-	-	--	-
156	7/10/2004	Capsules	K.G.5400	Stoped	0720	-	-	-	-	-
157	9/10/2004	Packing	Blister	Mech.	0800	-	-	--	-	Remark
158	9/10/2004	Packing	Heater	Heat	1000	-	-	-	-	Remark
159	9/10/2004	Dry Suspension	Mixere	-	1120	-	-	-	-	Remark
160	9/10/2004	Tablets	Comperssor	-	1720	-	-	-	Spear	Remark
161	10/10/2004	Packing	Blister	-	-	-	-	-	Spear-	Remark
162	10/10/2004	Packing	Packing	Elect.	0700	-	-	-	Spear	Remark
163	11/10/2004	Dry Suspension	Balance	Rong	0800	-	-	-	-	Remark
164	13/10/2004	Dry Suspension	-	Elect.	1800	-	-	-	-	Remark
165	12/10/2004	Packing	Blister	Dowel	1330	-	-	-	-	Remark
166	14/10/2004	Packing	Packing	Gear	1330	-	-	-	-	Remark
167	14/10/2004	Dry Suspension	Dosing	Gear-box	1045	-	-	-	-	Remark
168	18/10/2004	Dry Suspension	Mixer	Elect.	1530	-	-	-	-	Remark
169	07/10/2004	Civil	-	-	-	-	-	-	-	-
170	17/10/2004	Syrups	KSF1020	Belt	1230	-	-	-	-	Remark
171	19/10/2004	Dry Suspension	Dosing	Belt	0930	-	-	-	-	Remark
172	26/10/2004	Dry Suspension	Dosing	Comperssor	2100	-	-	-	-	Remark
173	28/10/2004	Tablets	BB3B	Dowel?	1530	-	-	16	-	Remark
174	28/10/2004	Dry Suspension	Dosing	-	0830	-	-	-	-	Remark
175	31/10/2004	Dry Suspension	Comperssor	--	1030	-	-	-	-	Remark

A-8

APPENDIX 1
Data from Maintenance Forms

No	Date	Section	Machine	Defect	Breakdown starts	Maintenance log on	Maintenance log off	Total time (hours)	Spare part used	Remarks
176	21/10/2004	Packing	Blister	Air	1100	-	-	-	-	Remark
177	02/11/2004	Tablets	Comperssor	Stoped	1730	-	-	-	-	Remark
178	03/11/2004	Dry Suspension	Dosing	Feeder broke	2100	-	-	-	-	Remark
179	16/11/2004	Dry Suspension	Comperssor	Air	1115	-	-	-	-	Remark
180	21/11/2004	Dry Suspension	Labelling	Shafft	0800	-	-	-	-	Remark
181	21/11/2004	Dry Suspension	Dosing	Gear-box	-	-	-	-	-	Remark
182	08/11/2004	Dry Suspension	Comperssor	Air	0800	-	-	-	--	Remark
183	07/11/2004	Tablets	BB3B	Mech.	1345	-	-	-	Spear	Remark
184	08/11/2004	Dry Suspension	Dosing	Mech.	2200	-	-	-	-	Remark
185	22/11/2004	Packing	Packing	Mech.	0930	-	-	-	-	Remark
186	09/11/2004	Dry Suspension	Comperssor	Mech.	0800	-	-	-	Spear	Remark
187	08/11/2004	Dry Suspension	Dosing	Mech.	1100	-	-	-	-	Remark
188	29/11/2004	Packing	Blister	Mech.	0900	-	-	-	-	Remark
189	04/12/2004	Dry Suspension	Dosing	Elect.	1200	-	-	-	-	Remark
190	05/12/2004	Dry Suspension	Dosing	Feeder broke	1200	-	-	-	Feeder	Remark
191	12/12/2004	Dry Suspension	Mixer	Sound	1200	-	-	-	-	Remark
192	13/12/2004	Civil	Civil	-	-	-	-	-	-	Remark
193	10/11/2004	Dry Suspension	Dosing	Feeder broke	1230	-	-	-	Feeder	Remark
194	06/12/2004	Dry Suspension	Dosing	Blet	1600	-	-	-	-	Remark
195	08/12/2004	Packing	V.P.R	Mech.	1155	-	-	-	-	Remark
196	19/12/2004	Dry Suspension	Dosing	Feeder broke	1930	-	-	3	Feeder	Remark
197	23/12/2004	Dry Suspension	Dosing	Mech.	0945	-	-	-	-	Remark
198	23/12/2004	Dry Suspension	Labelling	Elect.	2030	-	-	-	-	Remark
199	23/12/2004	Packing	Blister	Mech.	1230	-	-	-	-	Remark
200	26/12/2004	Tablets	Vibrator	Stoped	1249	-	-	3	-	Remark

A-9

APPENDIX 1
Data from Maintenance Forms

No	Date	Section	Machine	Defect	Breakdown starts	Maintenance log on	Maintenance log off	Total time (hours)	Spare part used	Remarks
201	28/12/2004	Packing	Blister	Pressure	0930	-	-	-	-	Remark
202	27/12/2004	Dry Suspension	Dosing	Feeder broke	1830	-	-	-	-	Remark
203	26/12/2004	Tablets	Vibrator	Weak	1240	-	--	-	-	Remark