

ANNEXURE H

List of Relevant Substations Maintenance & Repair EWFD & CO2 Fire Suppression Systems in Substations

	Description	Customer Number Desc	Fire System
TSS			
1	Substation 11KV - Conveyor 101	TSS Workshops	EWFD
2	Substation 11KV - Sec West	TSS Workshops	CO2
3	Substation 11KV - Overland	TSS Workshops	CO2
4	Substation 11KV - Sec East	TSS Workshops	CO2
5	Substation 11KV - Mills 1 - 12	TSS Workshops	EWFD
6	Substation 11KV - Mill 13 - 24	TSS Workshops	CO2
7	Substation 11Kv -Magnetic Seps	TSS Workshops	EWFD
8	Substation 11KV - E&F -Bank	TSS Workshops	EWFD
9	Substation 11KV -G-Bank	TSS Workshops	EWFD
10	Substation 11KV - H-Bank	TSS Workshops	CO2
11	Substation 11KV - Cyfos	TSS Workshops	EWFD
12	Substation Fedex Mills Pumps	TSS Workshops	EWFD
13	Substation 11KV - Dryer 7	TSS Workshops	EWFD
14	Substation 11Kv - Dryer 8	TSS Workshops	EWFD
15	Substation 11Kv - Dryer 4 & 5	TSS Workshops	EWFD
16	Substation 11Kv - Dryer 6	TSS Workshops	EWFD
17	Substation 11Kv -Main Drain	TSS Workshops	EWFD
18	Substation 11Kv - Filter Plant	TSS Workshops	EWFD
19	Substation 11Kv - Bushpumps	TSS Workshops	CO2
20	Substation 132KV Wegsteek	TSS Workshops	EWFD
21	Substation 11KV - Main Sub 2	TSS Workshops	EWFD
22	Substation 11KV - Utility Sub	TSS Workshops	EWFD
23	Substation 11Kv - Main Sub 3	TSS Workshops	CO2
24	Substation 22KV - TTPS	Services	EWFD
25	Substation 11KV 5MVA Generator	TSS Workshops	EWFD
26	Substation 11KV - HR & Chemlab	TSS Workshops	EWFD
27	Substation 11KV - U Bank	TSS Workshops	EWFD
28	Substation 1 11KV Buffer Dam	TSS Workshops	EWFD
29	Substation 11KV - Ext 8 Mills	TSS Workshops	EWFD
30	Substation 11KV - Ext 8 Flot	TSS Workshops	EWFD
31	Substation 11KV - Ext8 Reclaim	TSS Workshops	EWFD
32	Substation 11KV -Ext8 M/Intake	TSS Workshops	EWFD
33	Substation 11Kv -Overland Conv	TSS Workshops	EWFD

34	Substation 11Kv - South Pit	TSS Workshops	EWFD
35	Substation 11KV - Gravitation	TSS Workshops	CO2
36	Substation 11KV - Foskem	TSS Workshops	CO2
37	Substation 525V Palmag	TSS Workshops	EWFD
38	Substation 11KV - PSZ	TSS Workshops	CO2
39	Substation 11Kv Bosele ZBU	Services	EWFD
40	Substation 11KV - Main Sub 1	TSS Workshops	EWFD
41	Substation 11KV - Dryer 9	TSS Workshops	EWFD
42	Substation 11KV - Ext 8 Tailings	TSS Workshops	EWFD
43	Substation 22KV - RWPS	TSS Workshops	CO2
44	Substation 22KV - van Raisen Dam	TSS Workshops	EWFD
45	Substation 132 kV TTPS Ext 8	TSS Workshops	EWFD
46	Substation 11KV - Reagents	TSS Workshops	EWFD
47	Substation 11Kv Ext8 Wet Mills	Extention 8	EWFD
Mining			
48	Substation Sec East 525V	Second.Crush.	EWFD
49	Overland 525V	Second.Crush.	EWFD
50	Conv 102	Second.Crush.	EWFD
51	Main Secondary Crus (Sec. West)	Second.Crush.	EWFD
52	Conv 101	Second.Crush.	EWFD
53	Feedpoints Cnv 102 B	Second.Crush.	EWFD
54	South Crusher Main Sub	Second.Crush.	EWFD
55	South Internal Sub	South Crusher	EWFD
56	South 6.6kV Sub	South Crusher	EWFD
57	New Overland Sub	Extension 8	EWFD
Milling			
58	Substation Conveyor 209/210	Milling	EWFD
59	Substation 525V Mill 13-16	Milling	EWFD
60	Substation 3.3Kv Mill 21-24	Milling	EWFD
61	Substation 525V Mill 10-12	Milling	EWFD
62	Substation 525V Mill 1-4	Milling	EWFD
63	Substation 525V Mill 5-9	Milling	EWFD
64	Substation Con 331-333+F/Press	Milling	EWFD
65	Substation 525V Mill A	Milling	EWFD
66	Substation 525V 200ft	Milling	EWFD
67	Substation Box 525V 200ft	Milling	EWFD
68	Substation 525V Mills 17-20	Milling	EWFD
69	Substation 525v 60FT Old Cu Fi	Milling	EWFD
70	Substation 525V G-Bank	Milling	EWFD
71	Substation 2 6.6KV BUFFER DAM	Milling	EWFD
72	Magnetic Seps	Milling	EWFD

Flotation & Filters			
73	Substation PMC Receiving.525V	Flotation	EWFD
74	Water reticulation substation	Flotation	EWFD
75	Substation E Bank Pumps 525v	Production	EWFD
76	Substation E Bank Cells 525V	Production	EWFD
77	Substation F - Bank Cells 525V	Flotation	EWFD
78	Substation F - Bank Pumps 525V	Flotation	EWFD
79	Substation H - Bank 525V	Flotation	EWFD
80	Substation Cyfos. 525V	Flotation	EWFD
81	Substation Reagents 0214/01	Flotation	EWFD
82	Substation Reagents 0214/02	Flotation	EWFD
83	Substation 0261/04 Vsd + Ext 8	Filtration	EWFD
84	Substation B/Pumps Filt Ext 8	Filtration	EWFD
85	Substation B/Pumps Filt 525v	Filtration	EWFD
86	Substation U - Bank 525V	Flotation	EWFD
87	DSF	Flotation	EWFD
88	Substation 0261/03 N/Filt	Filtration	EWFD
89	Substation 0261/05 O/Filt 525V	Filtration	EWFD
90	Substation B/Pumps Fedex	Filtration	EWFD
91	Substation Fedex Mills 3.3Kv	Filtration	EWFD
92	Substation 525V I-Bank	Milling	EWFD
Drying & Dispatch			
93	Substation Kiln 4 - 525v	Drying & Disp.	EWFD
94	Substation Kiln 5 - 525v	Drying & Disp.	EWFD
95	Substation Kiln 6 Middle 525V	Drying & Disp.	EWFD
96	Substation Kiln 6 Top 525V	Drying & Disp.	EWFD
97	Substation Kiln 7.525v	Drying & Disp.	EWFD
98	Substation Kiln 7 Bunker. 525V	Drying & Disp.	EWFD
99	substation kiln 8 - 525V	Drying & Disp.	EWFD
100	substation kiln 9 - 525V	Drying & Disp.	EWFD
101	substation magnetite - 525V	Drying & Disp.	EWFD
102	substation Gravitation - 525V	Drying & Disp.	EWFD
Ext8. & Tailings			
103	Substation 300Ft PStat 525V	Tailings	EWFD
104	Substation Main Drain 525V	Tailings	EWFD
105	Substation 300Ft VSD 525V	Tailings	EWFD
106	Substation Cyclone 525V	Tailings	EWFD
107	Substation TTPS525V +6.6Kv	Tailings	EWFD
108	Substation 800 Water 525V	Tailings	EWFD
110	Substation 6.6Kv Van Ryssen D	Tailings	EWFD
111	Substation 525 Volts Van Rysse	Tailings	EWFD

112	Substation 3 525V BUFFER DAM	Tailings	EWFD
113	Substation 1 Dry Section	Extention 8	EWFD
114	Substation Wet Section	Extention 8 (525)	EWFD
115	Substation Wet Section	Extention 8 (6.6)	EWFD
116	Substation Ext 8 Tailings	Extention 8 (525)	EWFD
117	Substation Ext 8 Tailings	Extention 8 (6.6)	EWFD
118	Substation 525KV - RWPS	Tailings	EWFD
119	Substation 6.6KV - RWPS	Tailings	EWFD
120	Substation 525KV - Reclaim	Tailings	EWFD
121	Substation 6.6KV - Reclaim	Tailings	EWFD
122	Substation 300ft emerg. Gen.	Tailings	EWFD
123	Southern Drain 525V	Tailings	EWFD
124	Booster Pump substation 6.6kV	Tailings	EWFD
125	Booster Pump substation 525kV	Tailings	EWFD
126	Ext 8 wet mills 6.6kV	Extension 8	EWFD
127	Ext 8 wet mills 525kV	Extension 9	EWFD
128	Computer server room - Plant	TSS	EWFD
130	UPS room	Moshati	EWFD
131	ITC room	Moshati	EWFD
132	DBN 11 KV	Ext.8	EWFD
133	E & F 525 V	E & F	EWFD
134	MAIN DRAIN 11 KV	BOSPOMPE	EWFD