

FSFE - OFF GAS HANDING DAILY REVIEW

Selected Production Day

30-Nov-14

DUST/GAS CLEANING PARAMETERS

Temperature	Min Target	Max Target	Unit
WHB Inlet Temp	700	800	degC
WHB Outlet Temp	350	450	degC
Dust Chamber Temp	300	400	degC
Flakt EP Inlet Temp	290	320	degC
Nerin EP Inlet Temp	290	320	degC
Flakt EP Outlet temp	260	320	degC
Nerin EP Outlet Temp	260	320	degC

Daily Average	Daily Min	Daily Max	Daily Compliance %
895	830	948	0,0%
329	309	344	0,0%
310	285	321	88,2%
287	272	296	36,3%
302	279	311	93,1%
253	245	257	0,0%
273	257	281	96,9%

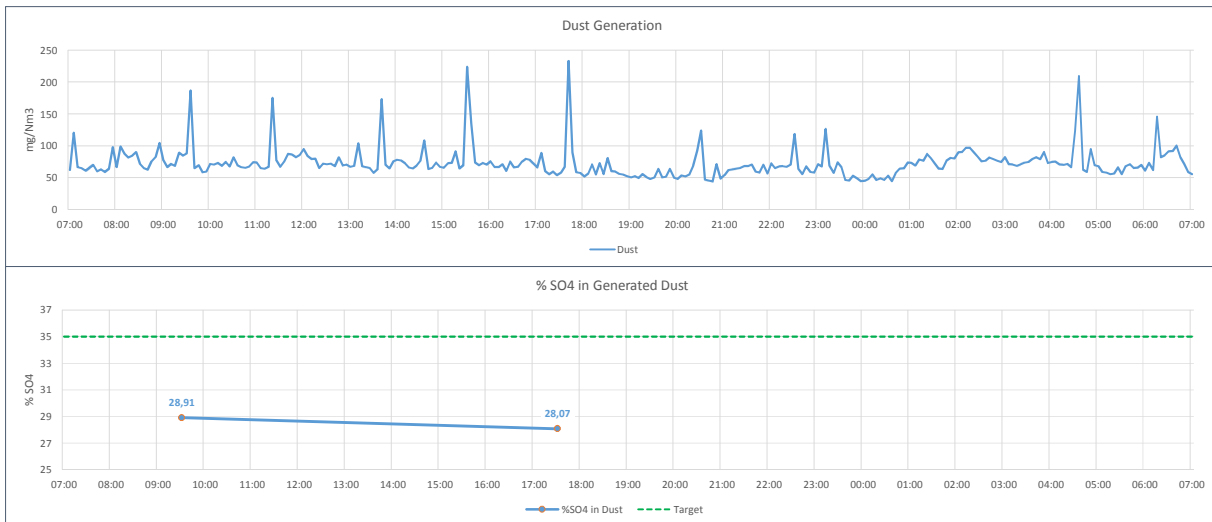
Draft	Min Target	Max Target	Unit
FSFE Furnace Draft	-6	-5	mmH2O
WHB Outlet Draft	-15	-10	mmH2O
Flakt EP Inlet Draft	-30	-20	mmH2O
Nerin EP Inlet Draft	-30	-20	mmH2O
FSFE Exhaust Fan Speed	500	800	rpm
Main Blower Speed	2800	3300	rpm
FSFE HT Inlet Draft	-100	100	mmH2O
Pressure Drop	0	50	mmH2O

Daily Average	Daily Min	Daily Max	Daily Compliance %
-7	-14	-5	6,6%
-24	-40	-13	0,7%
-19	-31	-10	27,7%
-32	-47	-17	22,1%
679	453	713	99,3%
2966	2220	3368	59,2%
20	-54	57	100,0%
35	21	45	100,0%

EP Performance	Min Target	Max Target	Unit
Nerin 1 EP 1st Chamber Amperage	100	300	mA
Nerin 1 EP 1st Chamber Voltage	40	50	kV
Nerin 1 EP 2nd Chamber Amperage	100	300	mA
Nerin 1 EP 2nd Chamber Voltage	40	50	kV
Nerin 1 EP 3rd Chamber Amperage	100	300	mA
Nerin 1 EP 3rd Chamber Voltage	40	50	kV
Nerin 2 EP 1st Chamber Amperage	100	300	mA
Nerin 2 EP 1st Chamber Voltage	40	50	kV
Nerin 2 EP 2nd Chamber Amperage	100	300	mA
Nerin 2 EP 2nd Chamber Voltage	40	50	kV
Nerin 2 EP 3rd Chamber Amperage	100	300	mA
Nerin 2 EP 3rd Chamber Voltage	40	50	kV

Daily Average	Daily Min	Daily Max	Daily Compliance %
88	48	114	46,4%
44	33	53	32,9%
-3	-8	45	0,0%
11	9	35	0,0%
116	27	197	64,4%
33	16	37	0,0%
29	21	39	0,0%
58	43	64	1,0%
74	56	176	0,3%
56	43	64	4,2%
169	165	207	100,0%
54	43	57	2,1%

DUST GENERATION & SULFIDIZATION

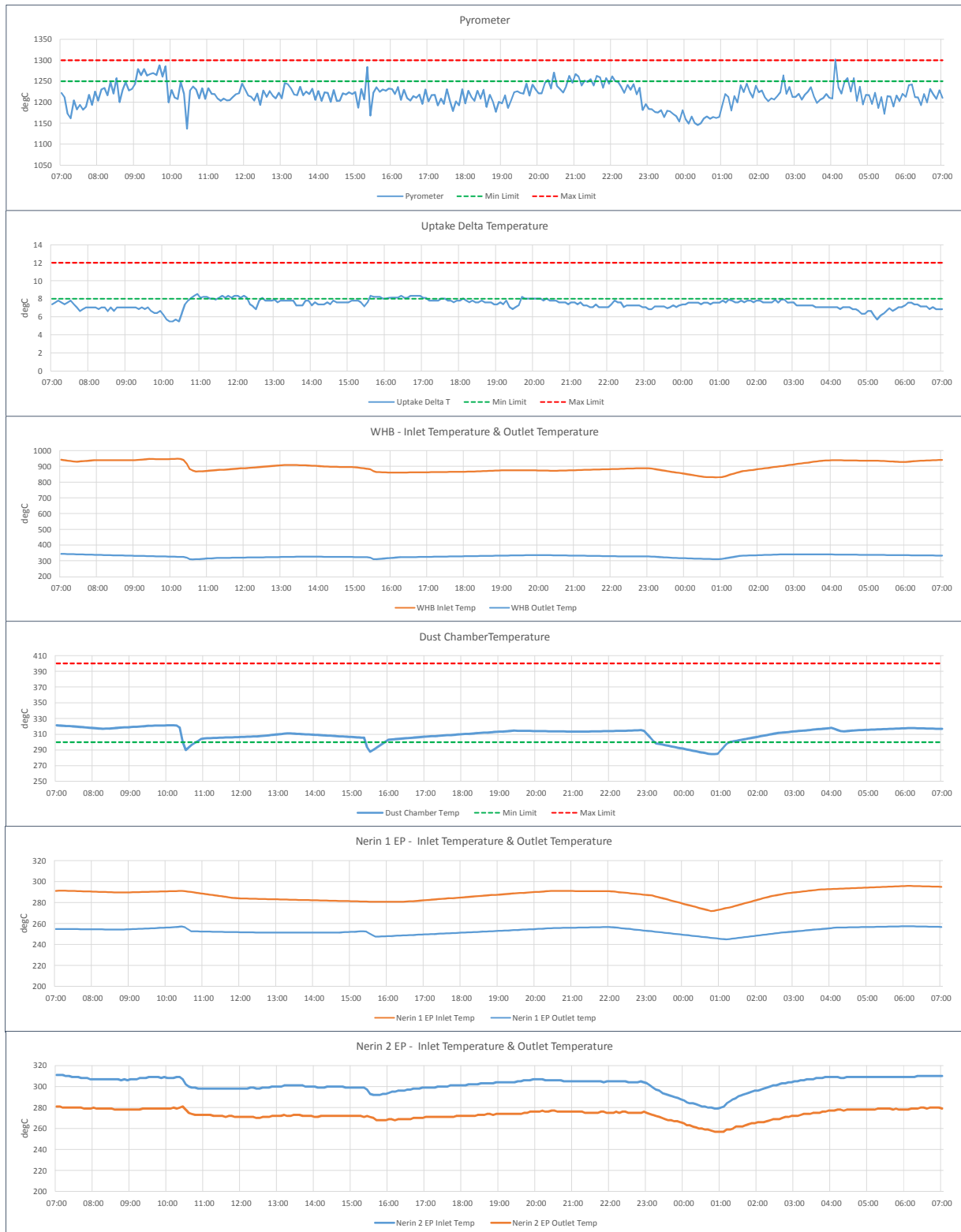


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TEMPERATURE MONITORING

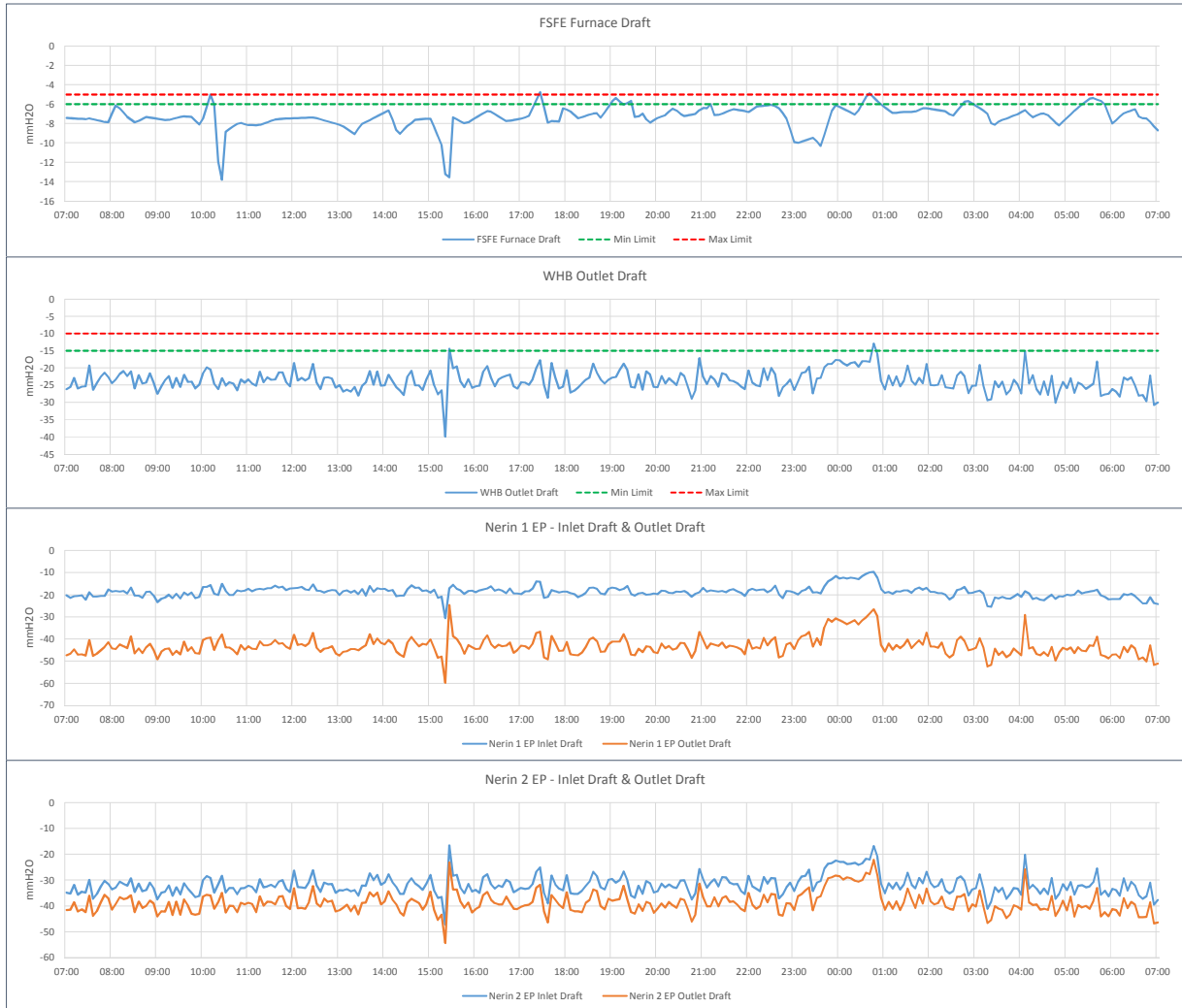


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DRAFT MONITORING



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EP PERFORMANCE

