

**ATTACHMENT 3 :
AIR HEATER PROCESS AUDIT SHEET**

SOP #: UCL/IBDMSG/CD/Q/05.0
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DATE : _____ SHIFT : _____ CRO NAME : _____

Approved By : _____
Thermal System Owner Process Engineer QA Manager :

Tick box for the fuel being used	
Oil	<input type="checkbox"/>
Gas	<input type="checkbox"/>

AREA	UNITS	MIDRANGE				REMARK
		MIN	TARGET	MAX	ACTUAL	
OIL PUMP LINE						
Oil pump outlet pressure	Bar	1.2	1.6	2		
IGNITION GAS LINE						
Ignition gas pressure	mBar	50	60	80		
Ignition Gas line leak test	No Leak					
NATURAL GAS LINE						
Gas Temperature @ inlet	Deg C	20	30	45		
Supplied Gas pressure	Bar	4.2	4.5	4.7		
Gas pressure after PRV	mBar	320	330	340		
OTHERS						
Dilution fan speed	%		15	50		
Dilution air pressure	mBar	5	10			
Combustion air pressure	mBar	25	30			
Burner flame colour (Gas)	Colour		Blue			
Burner flame colour (Oil)	Colour		Yellow			
Furnace pressure	mBar	5				
Brickwall temperature	Deg.C		700	900		
Process temperature setting	Deg.C			450		
Burner load (Gas)	%		60	70		
Burner load (Oil)	%		32	40		

CRO SIGN : _____

COMMENT : _____

PROCESS ENGINEER

ACTION PLANS	RESPONSIBLE	TIMING

COMMENT : _____

PROCESS ENGINEER SIGN: _____

SOP OWNER  Musa Nasiru Date: 12/ March/ 2022	HSE APPROVAL  Adedoyin Adebisi Date: 13/03/2022	QA APPROVAL  Olujide Arewode Date: 13/ March/ 22	AUTHORISATION  Nadeeb Daramola Date: 13/03/22
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