

Contract No:	26810
Client Name:	SASOL
Project Title:	26811_Title
Project Location:	26811_Location
Description:	AAAAAAA10
Document Category:	26811_DocClass

Revision	Orig. By (PE)	Signature	Chk. By (PIP)	Signature	Chk. By (PRE)	Signature	App. By	Signature			Rev Date
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2	AA		BB		CC		DD		EE		2024/10/02
3	AA		BB		CC		DD		EE		2024/10/03
3a	AA		BB		CC		DD		EE		2024/10/09
4	AA		BB		CC		DD		EE		2024/10/10
5	AA		BB		CC		DD		EE		2024/10/10
6	AA		BB		CC		EE				2024/10/10
7	AA		BB		CC		DD		EE		2024/10/14
ManTest 1	AA		BB		CC		EE				2024/10/18
ManTest 2	AA		BB		CC		EE				2024/10/18
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B1	AA		BB		CC		EE				2024/10/22



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CLIENT:	SASOL	Document No:	26811_DocumentNumber
PROJECT TITLE:	26811_Title	DSN:	26811_DSN
LOCATION:	26811_Location	Revision:	B1
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Unit Code	Size	Fluid Code	Line No	Line Order No	Pipe Class	Originating EFD	From	To	Dens kg/m^3	Fluid Phase	Operating		Design			Alt Design		Test Type	Test Press	Insulation		Tracing		Trace Hold Temp °C	Paint Code	Comm Sys	Crit Code	Haz Cat	CAM	Rev
											Temp °C	Press kPag	Min Temp °C	Temp °C	Press kPag	Temp °C	Press kPag			Type	THK mm	Type	No.							
11	10"	P2	78603	05	D1GP	26812-8821-100-25-1003			23.21	L/V	49.00	3091.00	0.00	Hold	9208.00	0.00	0.00	Hydro		NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	1"	P2	78603	10	D1GP	26812-8821-100-25-1003			23.21	L/V	49.00	3091.00	0.00	Hold	9208.00	0.00	0.00	Hydro		NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	6"	P2	50009	15	D0A7	26812-8821-100-25-1003	FROM 14"-P2-50017-D0A7-NI	TO 14"-P2-50019-D0A7-NI	9.90	L/V	30.00	1301.00	0.00	65.00	9208.00	0.00	0.00	Hydro	13850kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	6"	P2	50103	10	D0A7	26812-8821-100-25-1005	FROM 10"-P2-50107-D0A7-NI	TO 10"-P2-50109-D0A7-NI	11.00	L/S	20.00	1425.00	0.00	65.00	8200.00	0.00	0.00	Hydro	12300kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	B1
11	8"	P2	50103	20	D0A7	26812-8821-100-25-1005	FROM 10"-P2-50107-D0A7-NI	TO 10"-P2-50109-D0A7-NI	17.93	L/V	49.00	2553.00	0.00	65.00	8200.00	0.00	0.00	Hydro	12300kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	10"	P2	50103	05	D0A7	26812-8821-100-25-1005	FROM 10"-P2-50107-D0A7-NI	TO 10"-P2-50109-D0A7-NI	11.00	L/S	20.00	1425.00	0.00	65.00	8200.00	0.00	0.00	Hydro	12300kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	B1
11	10"	P2	50103	15	D0A7	26812-8821-100-25-1005	FROM 10"-P2-50107-D0A7-NI	TO 10"-P2-50109-D0A7-NI	17.93	L/V	49.00	2553.00	0.00	65.00	8200.00	0.00	0.00	Hydro	12300kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	12"	P2	50004	15	D0A7	26812-8821-100-25-1004	FROM 12"-P2-50507-D0A7-NI	TO 12"-P2-50508-D0A7-NI	20.33	L/V	49.00	2890.00	0.00	65.00	8200.00	0.00	0.00	Hydro	12300kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	12"	P2	50004	20	D0A7	26812-8821-100-25-1004	FROM 12"-P2-50507-D0A7-NI	TO 12"-P2-50508-D0A7-NI	20.33	L/V	49.00	2890.00	0.00	65.00	8200.00	0.00	0.00	Hydro	12300kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	12"	P2	50009	05	D0A7	26812-8821-100-25-1003	FROM 14"-P2-50017-D0A7-NI	TO 14"-P2-50019-D0A7-NI	9.90	L/V	30.00	1301.00	0.00	65.00	9208.00	0.00	0.00	Hydro	13850kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	12"	P2	50009	25	D0A7	26812-8821-100-25-1003	FROM 14"-P2-50017-D0A7-NI	TO 14"-P2-50019-D0A7-NI	21.67	L/V	49.00	3078.00	0.00	65.00	9208.00	0.00	0.00	Hydro	13850kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	12"	P2	50208	20	D0A7	26812-8821-100-25-1006	FROM 14"-P2-50216-D0A7-NI	TO 16"-P2-50226-D0A7-NI	10.30	L/V	30.00	1356.00	0.00	65.00	9208.00	0.00	0.00	Hydro	13850kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	12"	P2	50208	25	D0A7	26812-8821-100-25-1006	FROM 14"-P2-50216-D0A7-NI	TO 16"-P2-50226-D0A7-NI	18.72	L/V	48.80	2664.00	0.00	65.00	9208.00	0.00	0.00	Hydro	13850kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	14"	P2	50009	10	D0A7	26812-8821-100-25-1003	FROM 14"-P2-50017-D0A7-NI	TO 14"-P2-50019-D0A7-NI	9.90	L/V	30.00	1301.00	0.00	65.00	9208.00	0.00	0.00	Hydro	13850kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	14"	P2	50009	20	D0A7	26812-8821-100-25-1003	FROM 14"-P2-50017-D0A7-NI	TO 14"-P2-50019-D0A7-NI	21.67	L/V	49.00	3078.00	0.00	65.00	9208.00	0.00	0.00	Hydro	13850kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	14"	P2	50208	05	D0A7	26812-8821-100-25-1006	FROM 14"-P2-50216-D0A7-NI	TO 16"-P2-50226-D0A7-NI	10.30	L/V	30.00	1356.00	0.00	65.00	9208.00	0.00	0.00	Hydro	13850kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	16"	P2	50208	10	D0A7	26812-8821-100-25-1006	FROM 14"-P2-50216-D0A7-NI	TO 16"-P2-50226-D0A7-NI	10.30	L/V	30.00	1356.00	0.00	65.00	9208.00	0.00	0.00	Hydro	13850kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	16"	P2	50208	15	D0A7	26812-8821-100-25-1006	FROM 14"-P2-50216-D0A7-NI	TO 16"-P2-50226-D0A7-NI	18.72	L/V	48.80	2664.00	0.00	65.00	9208.00	0.00	0.00	Hydro	13850kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	20"	P2	51002	10	D0A7	26812-8821-100-25-1007	FROM 10"-P2-51001-D0A7-NI	TO 20"-P2-51005-D0A8-NI	18.98	L/V	49.00	2702.00	-10.00	75.00	9320.00	0.00	0.00	Hydro	14000kPa-g	NI	-	-	0	0.00	2A	-	C3;-;-	III	G	
11	6"	P2	50004	10	D0A7	26812-8821-100-25-1004	FROM 12"-P2-50507-D0A7-NI	TO 12"-P2-50508-D0A7-NI	10.68	L/V	30.00	1407.00	Hold	65.00	8200.00	Hold	Hold	Hydro	12300kPa-g	NI	-	-	0	Hold	2A	-	C3;-;-	III	G	B1
11	12"	P2	50004	05	D0A7	26812-8821-100-25-1004	FROM 12"-P2-50507-D0A7-NI	TO 12"-P2-50508-D0A7-NI	10.68	L/V	30.00	1407.00	Hold	65.00	8200.00	Hold	Hold	Hydro	12300kPa-g	NI	-	-	0	Hold	2A	-	C3;-;-	III	G	B1
11	12"	P2	50004	25	D0A7	26812-8821-100-25-1004	FROM 12"-P2-50507-D0A7-NI	TO 12"-P2-50508-D0A7-NI	10.68	L/V	30.00	1407.00	Hold	65.00	8200.00	Hold	Hold	Hydro	12300kPa-g	NI	-	-	0	Hold	2A	-	C3;-;-	III	G	B1
11	20"	P2	51002	05	D0A7	26812-8821-100-25-1007	FROM 10"-P2-51001-D0A7-NI	TO 20"-P2-51005-D0A8-NI	10.47	L/V	35.00	1405.00	-10.00	75.00	9320.00	Hold	Hold	Hydro	14000kPa-g	NI	-	-	0	Hold	2A	-	C3;-;-	III	G	B1

NOTES:

1. Comodity Codes		
Code	Description	
P2	Two Phase Process Gas	
2. Insulation Codes		
Purpose	Description	
NI	NOT INSOLATED	
3. Paint Codes		
Paint Code	Specification	
2A	23440-S00-83A1 Rev F2	
4. Test Pressure Types		
Test Type	Description	
Hydro	Hydro test using Water	
5. Criticallity Codes		
Criticallity Code	Key Words	Description
-	-	-
C3	Two-Phase	Lines in which the process flow is dispersed liquid/gas mixture
6. Hazard Category		
Code	Description	
SEP	Standard Engineering Practice	
I	Category I	
I	Category I	
II	Category II	
III	Category III	
CAM	Conformity Assesment Module (Ref. Table 2, SANS 347 2020)	