

WEIGHTS & MEASURES EQUIPMENT REGISTRATION DETAILS

Main Site / Location of Equipment State	Forcados Terminal Delta
Terminal Contact Persons Name	Peppe Sokari
Contact Person Email Address	sokari.pepple@shell.com

Contact Person Telephone number
080702 45038

NAME OF COMPANY	The Shell Petroleum Development Company of Nigeria Limited
ADDRESS OF COMPANY	Shell Industrial Area Rumuibankani Port Harcourt Rivers State

Item	Instrument Category	Instrument Type	Unit of Measurement	Process Fluid Measured? Oil or Gas	Device Location	Serial Number	Tag or Other Reference Number	Manufacturer's Name	Instrument Model Number / Name	Date Last Calibrated	Authority Conducting Last Calibration	Serial Number of Last Calibration Certificate	Has the Device / Equipment an Initial or Periodic Verification Certificate from W&M Dept? Yes/No	Tick to Apply for Initial Verification Certificate
1	Measures of Height	Tank Dipping Tape	Meters	Oil	Mobile Device	N/A	SPDC/TKDT/01	Moore & Wright/ Ohaus	Dip Tape	14/11/2013	Starbest Nigeria Limited	STB0026240	No	v
2	Measures of Height	Tank Dipping Tape	Meters	Oil	Mobile Device	N/A	SPDC/TKDT/02	Moore & Wright/ Ohaus	Dip Tape	14/11/2013	Starbest Nigeria Limited	STB0026241	No	v
3	Measures of Height	Tank Dipping Tape	Meters	Oil	Mobile Device	N/A	SPDC/TKDT/03	Moore & Wright/ Ohaus	Dip Tape	14/11/2013	Starbest Nigeria Limited	STB0026242	No	v
4	Measures of Volume	Pipe Prover (loop)	Cubic meter	Oil	FOT Metering skid	1370	N/A	FMC Energy System	Bi-directional	17/03/2014	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
5	Temperature Measures	RTD	°C	Oil	FOT Metering Skid Run 1	N/A	TE-10	Fisher & Porter/ Bush Beach Eng.	PT-100/ 9808CS113	18/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
6	Temperature Measures	RTD	°C	Oil	FOT Metering Skid Run 2	N/A	TE-20	Fisher & Porter/ Bush Beach Eng.	PT-100/ 9808CS113	18/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
7	Temperature Measures	RTD	°C	Oil	FOT Metering Skid Run 3	N/A	TE-30	Fisher & Porter/ Bush Beach Eng.	PT-100/ 9808CS113	18/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
8	Temperature Measures	RTD	°C	Oil	FOT Metering Skid Run 4	N/A	TE-40	Fisher & Porter/ Bush Beach Eng.	PT-100/ 9808CS113	18/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
9	Temperature Measures	RTD	°C	Oil	FOT Metering Skid Run 5	N/A	TE-50	Fisher & Porter/ Bush Beach Eng.	PT-100/ 9808CS113	18/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
10	Temperature Measures	RTD	°C	Oil	FOT Metering Skid Run 6	N/A	TE-60	Fisher & Porter/ Bush Beach Eng.	PT-100/ 9808CS113	18/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
11	Temperature Measures	RTD	°C	Oil	FOT Metering Skid Prover	N/A	TE-90	Fisher & Porter/ Bush Beach Eng.	PT-100/ 9808CS113	18/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
12	Temperature Measures	RTD	°C	Oil	FOT Metering Skid Prover	N/A	TE-91	Fisher & Porter/ Bush Beach Eng.	PT-100/ 9808CS123	18/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
13	Pressure Measures	Pressure Transmitter	Bar	Oil	FOT Metering Skid Run 1	N/A	PT-10	Rosemount	3051CG5A22A1AB4EE61	18/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
14	Pressure Measures	Pressure Transmitter	Bar	Oil	FOT Metering Skid Run 2	N/A	PT-20	Rosemount	3051CG5A22A1AB4EE61	18/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
15	Pressure Measures	Pressure Transmitter	Bar	Oil	FOT Metering Skid Run 3	N/A	PT-30	Rosemount	1151DP8522L4P1B111	18/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
16	Pressure Measures	Pressure Transmitter	Bar	Oil	FOT Metering Skid Run 4	N/A	PT-40	Rosemount	1151DP8522L4P1B111	18/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
17	Pressure Measures	Pressure Transmitter	Bar	Oil	FOT Metering Skid Run 5	N/A	PT-50	Rosemount	3051CG5A22A1AB4EE61	18/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
18	Pressure Measures	Pressure Transmitter	Bar	Oil	FOT Metering Skid Run 6	N/A	PT-60	Rosemount	3051CG5A22A1AB4EE61	18/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
19	Pressure Measures	Pressure Transmitter	Bar	Oil	FOT Metering Skid Run 4	N/A	PT-90	Rosemount	1151DP8522L4P1B111	18/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
20	Pressure Measures	Pressure Transmitter	Bar	Oil	FOT Metering Skid Run 5	N/A	PT-91	Rosemount	3051CG5A22A1AB4EE61	18/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
21	Measures of Volume	Auto Sampler	CC	Oil	FOT Metering Skid C91	910106	Q-371	Clif Mock Company	500-10. F	22/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
22	Measures of Volume	Auto Sampler	CC	Oil	FOT Metering Skid Prover	N/A	901110	Clif Mock Company	500-10. F	22/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
23	Measures of Volume	Auto Sampler	CC	Oil	FOT Metering skid C90	910109	Q-90	Clif Mock Company	500-10. F	22/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
24	Measures of Volume	Auto Sampler	CC	Oil	FOT Metering skid C80	901111	Q-90B	Clif Mock Company	500-10. F	22/03/2012	Cakasa Nigeria Company Limited	N/A. Dynamic metering modification ongoing	No	v
25	Laboratory Equipment	Centrifuge Machine	RPM	Oil	FOT Laboratory	6543/13	N/A	Thermoscientific/SI16	Centrifuge	29/08/2014	Halden Nig. Limited	N/A	No	v
26	Laboratory Equipment	ECS 3000 Coulometer	Mg/l	Oil	FOT Laboratory	30EC29122102	N/A	Thermo Fisher Scientific	Coulometer	06/06/2014	Halden Nig. Limited	N/A	No	v
27	Laboratory Equipment	Thermometer	°F	Oil	FOT Laboratory	12250525	TF2	H-BUSA	Thermometer	18/06/2014	Halden Nig. Limited	TH0514-2019	No	v
28	Laboratory Equipment	Spectroil	Mg/l	Oil	FOT Laboratory	41425685	N/A	Industrial Tribology	Spectroil	Manufacture Date	N/A	N/A	No	v
29	Measures of Volume	Flow Turbine Meters	BB/L/H	Oil	FOT Metering Skid Run 1	X1184255	SM-FE10	Smith Meter Inc	K2DK80A2030	Proved every offtake	FOT Metering	N/A. Dynamic metering modification ongoing	No	v
30	Measures of Volume	Flow Turbine Meters	BB/L/H	Oil	FOT Metering Skid Run 2	PE11509	SM-FE20	Smith Meter Inc	K2DK8000	Proved every offtake	FOT Metering	N/A. Dynamic metering modification ongoing	No	v
31	Measures of Volume	Flow Turbine Meters	BB/L/H	Oil	FOT Metering Skid Run 3	UK160725	SM-FE30	Smith Meter Inc	K2DK80B200	Proved every offtake	FOT Metering	N/A. Dynamic metering modification ongoing	No	v
32	Measures of Volume	Flow Turbine Meters	BB/L/H	Oil	FOT Metering Skid Run 4	N/A	SM-FE40	Smith Meter Inc	N/A	Proved every offtake	FOT Metering	N/A. Dynamic metering modification ongoing	No	v
33	Measures of Volume	Flow Turbine Meters	BB/L/H	Oil	FOT Metering Skid Run 5	PE11510	SM-FE50	Smith Meter Inc	K2DK80300	Proved every offtake	FOT Metering	N/A. Dynamic metering modification ongoing	No	v
34	Measures of Volume	Flow Turbine Meters	BB/L/H	Oil	FOT Metering Skid Run 6	RG12818	SM-FE60	Smith Meter Inc	K2DK80B200	Proved every offtake	FOT Metering	N/A. Dynamic metering modification ongoing	No	v