

WEIGHTS & MEASURES EQUIPMENT REGISTRATION DETAILS

NAME OF COMPANY		The Shell Petroleum Development Company of Nigeria Limited		Main Site / Location of Equipment		Forcados Terminal	
ADDRESS OF COMPANY		Shell Industrial Area Rumuobiankani Port Harcourt Rivers State		State		Delta	
				Terminal Contact Persons Name		Pepple Sokari	
				Contact Person Email Address		sokari.pepple@shell.com	
				Contact Person Telephone number		080702 45038	

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	Are Copies of Original Equipment Manufacturers Type Approval / Patent Available ? Yes/No	Are Copies of Original Equipment Instruction / Service Manuals Available ? Yes/No	Has the Device / Equipment a Pattern Approval Certificate from W&M Dept? Yes/No	Has the Device / Equipment an Initial or Periodic Verification Certificate from W&M Dept ? Yes/No	Tick to Apply for Pattern Approval Certificate	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	Yes	No	No	✓	✓
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	Yes	No	No	✓	✓
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	Yes	No	No	✓	✓
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	No	Yes	No	No	✓	✓
5	Temperature Measures	RTD	°C	Oil	FOT Metering Skid Run 1	N/A	TE-10	Fisher & Poter/ Bush Beach Eng	PT-100/ 9808CS113	18/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
6	Temperature Measures	RTD	°C	Oil	FOT Metering Skid Run 2	N/A	TE-20	Fisher & Poter/ Bush Beach Eng	PT-100/ 9808CS113	18/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
7	Temperature Measures	RTD	°C	Oil	FOT Metering Skid Run 3	N/A	TE-30	Fisher & Poter/ Bush Beach Eng	PT-100/ 9808CS113	18/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
8	Temperature Measures	RTD	°C	Oil	FOT Metering Skid Run 4	N/A	TE-40	Fisher & Poter/ Bush Beach Eng	PT-100/ 9808CS113	18/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
9	Temperature Measures	RTD	°C	Oil	FOT Metering Skid Run 5	N/A	TE-50	Fisher & Poter/ Bush Beach Eng	PT-100/ 9808CS113	18/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
10	Temperature Measures	RTD	°C	Oil	FOT Metering Skid Run 6	N/A	TE-60	Fisher & Poter/ Bush Beach Eng	PT-100/ 9808CS113	18/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
11	Temperature Measures	RTD	°C	Oil	FOT Metering Skid Prover Inlet	N/A	TE-90	Fisher & Poter/ Bush Beach Eng	PT-100/ 9808CS123	18/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
12	Temperature Measures	RTD	°C	Oil	FOT Metering Skid Prover Outlet	N/A	TE-91	Fisher & Poter/ Bush Beach Eng	PT-100/ 9808CS123	18/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
13	Pressure Measures	Pressure Transmitter	Bar	Oil	FOT Metering Skid Run 1	N/A	PT-10	Rosemount	3051CG5A22A1AB4E61	18/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
14	Pressure Measures	Pressure Transmitter	Bar	Oil	FOT Metering Skid Run 2	N/A	PT-20	Rosemount	3051CG5A22A1AB4E61	18/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
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	No	Yes	No	No	✓	✓
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	No	Yes	No	No	✓	✓
17	Pressure Measures	Pressure Transmitter	Bar	Oil	FOT Metering Skid Run 5	N/A	PT-50	Rosemount	3051CG5A22A1AB4E61	18/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
18	Pressure Measures	Pressure Transmitter	Bar	Oil	FOT Metering Skid Run 6	N/A	PT-60	Rosemount	3051CG5A22A1AB4E61	18/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
19	Pressure Measures	Pressure Transmitter	Bar	Oil	FOT Metering Skid Prover Inlet	N/A	PT-90	Rosemount	1151DP8522L4P1B111	18/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
20	Pressure Measures	Pressure Transmitter	Bar	Oil	FOT Metering Skid Prover Outlet	N/A	PT-91	Rosemount	3051CG5A22A1AB4E61	18/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
21	Measures of Volume	Auto Sampler	CC	Oil	FOT Metering skid C91	91D106	Q-371	Clif Mock Company	500-10. SS	22/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
22	Measures of Volume	Auto Sampler	CC	Oil	FOT Metering skid C81	90L110	Q-371B	Clif Mock Company	500-10. F	22/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
23	Measures of Volume	Auto Sampler	CC	Oil	FOT Metering skid C90	91D109	Q-90	Clif Mock Company	500-10. SS	22/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
24	Measures of Volume	Auto Sampler	CC	Oil	FOT Metering skid C80	90L111	Q-90B	Clif Mock Company	500-10.F	22/03/2012	Cakasa Nigeria Company Limited	N/A	No	Yes	No	No	✓	✓
25	Laboratory Equipment	Centrifuge Machine	RPM	Oil	FOT Laboratory	6543/13	N/A	Thermoscientific/SL16	Centrifuge	29/08/2014	Halden Nig. Limited	N/A	No	Yes	No	No	✓	✓
26	Laboratory Equipment	ECS 3000 Coulometer	Mg/I	Oil	FOT Laboratory	30EC29122102	N/A	Thermofisher Scientific	Coulometer	06/06/2014	Halden Nig. Limited	N/A	No	Yes	No	No	✓	✓
27	Laboratory Equipment	Thermometer	°F	Oil	FOT Laboratory	122505025	TF2	H-BUSA	Thermometer	18/06/2014	Halden Nig. Limited	TH0614-019	No	Yes	No	No	✓	✓
28	Laboratory Equipment	Spectroil	Mg/I	Oil	FOT Laboratory	41425685	N/A	Industrial Tribology System	Spectroil	Manufacture Date	N/A	N/A	No	Yes	No	No	✓	✓
29	Measures of Volume	Flow Turbine Meters	BBL/H	Oil	FOT Metering Skid Run 1	XL184255	SM-FE10	Smith Meter Inc	K2DKB0A2030	Proved every offtake	FOT Metering	N/A	No	Yes	No	No	✓	✓
30	Measures of Volume	Flow Turbine Meters	BBL/H	Oil	FOT Metering Skid Run 2	PE11509	SM-FE20	Smith Meter Inc	K2DKB000	Proved every offtake	FOT Metering	N/A	No	Yes	No	No	✓	✓
31	Measures of Volume	Flow Turbine Meters	BBL/H	Oil	FOT Metering Skid Run 3	UK160725	SM-FE30	Smith Meter Inc	K2DKB0B200	Proved every offtake	FOT Metering	N/A	No	Yes	No	No	✓	✓
32	Measures of Volume	Flow Turbine Meters	BBL/H	Oil	FOT Metering Skid Run 4	N/A	SM-FE40	Smith Meter Inc	N/A	Proved every offtake	FOT Metering	N/A	No	Yes	No	No	✓	✓
33	Measures of Volume	Flow Turbine Meters	BBL/H	Oil	FOT Metering Skid Run 5	PE11510	SM-FE50	Smith Meter Inc	K2DKB00300	Proved every offtake	FOT Metering	N/A	No	Yes	No	No	✓	✓
34	Measures of Volume	Flow Turbine Meters	BBL/H	Oil	FOT Metering Skid Run 6	RG12818	SM-FE60	Smith Meter Inc	K2DKB0B200	Proved every offtake	FOT Metering	N/A	No	Yes	No	No	✓	✓