

WEIGHTS & MEASURES EQUIPMENT REGISTRATION DETAILS

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

Main Site / Location of Equipment State	Bonny Terminal Rivers
Terminal Contact Persons Name	Okoror Bernard bernard.okoro@shell.com
Contact Person Email Address	2348070228626
Contact Person Telephone number	

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 Pattern of Approval Certificate Yes/No	Tick to Apply for Initial Verification Certificate	
Measures of Volume	Ultrasonic	BBL/H	Oil	Skid A	A12052633	21FT-031A (Master)	Krohne	ALTO 5	29/11/2012	Krohne netherlands	12443	No	No	Y	
Measures of Volume	Ultrasonic	BBL/H	Oil	Skid A	2071813002	21FT-022A	Krohne	ALTO 5	manufacture date	Krohne netherlands	No	No	Y	V	
Measures of Volume	Ultrasonic	BBL/H	Oil	Skid A	2071813003	21FT-033A	Krohne	ALTO 5	14/12/2011	Krohne netherlands	11735	No	Yes	V	
Measures of Volume	Ultrasonic	BBL/H	Oil	Skid B	2071813001	21FT-031B (Master)	Krohne	ALTO 5	manufacture date	Krohne netherlands	No	No	Y	V	
Measures of Volume	Ultrasonic	BBL/H	Oil	Skid B	2071813005	21FT-032B	Krohne	ALTO 5	manufacture date	Krohne netherlands	No	No	Y	V	
Measures of Volume	Ultrasonic	BBL/H	Oil	Refinery Skid	2071811001	21FT-061R (Master)	Krohne	ALTO 5	16/12/2011	Krohne netherlands	113446	No	No	Y	V
Measures of Volume	Ultrasonic	BBL/H	Oil	Refinery Skid	2071811002	21FT-062R	Krohne	ALTO 5	manufacture date	Krohne netherlands	No	No	Yes	V	
Measures of Volume	Ultrasonic	BBL/H	Oil	Refinery Skid	2071811003	21FT-063R	Krohne	UFP	29/11/2012	Krohne netherlands	No	No	Yes	V	
Measures of Volume	Ultrasonic	BBL/H	Oil	Skid A	21-E-813A	Krohne	UFP	UFP	manufacture date	Krohne netherlands	No	No	Yes	V	
Measures of Volume	Ultrasonic	BBL/H	Oil	Skid A	21-E-815A	Krohne	UFP	UFP	manufacture date	Krohne netherlands	No	No	Yes	V	
Measures of Volume	Ultrasonic	BBL/H	Oil	Skid A	21-E-817A	Krohne	UFP	UFP	14/12/2011	Krohne netherlands	No	No	Yes	V	
Measures of Volume	Ultrasonic	BBL/H	Oil	Skid B	21-E-813B	Krohne	UFP	UFP	manufacture date	Krohne netherlands	No	No	Yes	V	
Measures of Volume	Ultrasonic	BBL/H	Oil	Skid B	21-E-815B	Krohne	UFP	UFP	manufacture date	Krohne netherlands	No	No	Yes	V	
Measures of Volume	Ultrasonic	BBL/H	Oil	Refinery Skid	21-E-817B	Krohne	UFP	UFP	16/12/2011	Krohne netherlands	No	No	Yes	V	
Measures of Volume	Ultrasonic	BBL/H	Oil	Refinery Skid	21-E-818R	Krohne	UFP	UFP	manufacture date	Krohne netherlands	No	No	Yes	V	
Measures of Volume	Ultrasonic	BBL/H	Oil	Refinery Skid	21-E-817R	Krohne	UFP	UFP	manufacture date	Krohne netherlands	No	No	Yes	V	
Measures of Volume	Sampler	CC	Oil	Skid A	204-F-3203	21KS-001A	JISKOOT	710 EL	manufacture date	JISKOOT	No	No	Yes	V	
Measures of Volume	Sampler	CC	Oil	Skid B	204-F-3202	21KS-001B	JISKOOT	710 EL	manufacture date	JISKOOT	No	No	Yes	V	
Measures of Volume	Sampler	CC	Oil	Refinery Skid	204-F-3204	21KS-001R	HP	HP server	manufacture date	HP	No	No	Yes	V	
Measures of Height	Tank Dipping Tape	mm	Oil	Portable Instrument	N/A	N/A	Richter	414NMS-IPMS/ 30M1	Manufacture Date	Richter Measuring Tools	No	No	No	V	
Temperature Measures	Digital Thermometer	Degrees C	Oil	Portable Instrument	N/A	N/A	Alla France	91000-050/F	Manufacture Date	Alla France	No	No	Yes	V	
Laboratory Equipment	Oil BS&W Centrifuge	ml/ml	Oil	Laboratory	56040047	N/A	Seta Corporation	56040047	Manufacture Date	Halden	No	No	Yes	V	
Laboratory Equipment	Oil BS&W Centrifuge	ml/ml	Oil	Laboratory	56040047	N/A	Thomas Scientific	ASTM 54HL	Manufacture Date	Thomas Scientific	No	No	Yes	V	
Laboratory Equipment	Degrees API @ 60 Oil		Oil	Laboratory	466504	N/A	Thomas Scientific	ASTM 55HL	Manufacture Date	ASTM 55HL	No	No	Yes	V	
Laboratory Equipment	Degrees API @ 60 Oil		Oil	Skid A	21PT-031A	Emerson Process	30317G442B2/1K8/E8M6	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Pressure Transmitter	Bar	Oil	Skid A	21PT-032A	Emerson Process	30317G442B2/1K8/E8M6	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Pressure Transmitter	Bar	Oil	Skid A	21PT-033A	Emerson Process	30317G442B2/1K8/E8M6	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Pressure Transmitter	Bar	Oil	Skid A	21PT-034A	Emerson Process	30317G442B2/1K8/E8M6	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Pressure Transmitter	Bar	Oil	Skid B	21PT-031B	Emerson Process	30317G442B2/1K8/E8M6	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Pressure Transmitter	Bar	Oil	Skid B	21PT-032B	Emerson Process	30317G442B2/1K8/E8M6	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Pressure Transmitter	Bar	Oil	Skid B	21PT-033B	Emerson Process	30317G442B2/1K8/E8M6	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Pressure Transmitter	Bar	Oil	Skid B	21PT-034B	Emerson Process	30317G442B2/1K8/E8M6	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Pressure Transmitter	Bar	Oil	Refinery Skid	21PT-091R	Emerson Process	30317G442B2/1K8/E8M6	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Pressure Transmitter	Bar	Oil	Refinery Skid	21PT-092R	Emerson Process	30317G442B2/1K8/E8M6	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Pressure Transmitter	Bar	Oil	Refinery Skid	21PT-093R	Emerson Process	30317G442B2/1K8/E8M6	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Pressure Transmitter	Bar	Oil	Skid A	21TT-031A	Emerson Process	31144PD5A1K1M5/IF5Q4X1	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Pressure Transmitter	Bar	Oil	Skid A	21TT-032A	Emerson Process	31144PD5A1K1M5/IF5Q4X1	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Temperature Transmitter	Deg C	Oil	Skid A	21TT-033A	Emerson Process	31144PD5A1K1M5/IF5Q4X1	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Temperature Transmitter	Deg C	Oil	Skid A	21TT-034A	Emerson Process	31144PD5A1K1M5/IF5Q4X1	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Temperature Transmitter	Deg C	Oil	Skid B	21TT-031B	Emerson Process	31144PD5A1K1M5/IF5Q4X1	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Temperature Transmitter	Deg C	Oil	Skid B	21TT-032B	Emerson Process	31144PD5A1K1M5/IF5Q4X1	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Temperature Transmitter	Deg C	Oil	Skid B	21TT-033B	Emerson Process	31144PD5A1K1M5/IF5Q4X1	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Temperature Transmitter	Deg C	Oil	Skid B	21TT-034B	Emerson Process	31144PD5A1K1M5/IF5Q4X1	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Temperature Transmitter	Deg C	Oil	Refinery Skid	21TT-091R	Emerson Process	31144PD5A1K1M5/IF5Q4X1	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Temperature Transmitter	Deg C	Oil	Refinery Skid	21TT-092R	Emerson Process	31144PD5A1K1M5/IF5Q4X1	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Temperature Transmitter	Deg C	Oil	Refinery Skid	21TT-093R	Emerson Process	31144PD5A1K1M5/IF5Q4X1	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Temperature Transmitter	Deg C	Oil	Skid A	21TE-031A	Emerson Process	31144PD5A1K1M5/IF5Q4X1	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Temperature Transmitter	Deg C	Oil	Skid A	21TE-032A	Emerson Process	31144PD5A1K1M5/IF5Q4X1	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Temperature Transmitter	Deg C	Oil	Skid A	21TE-033A	Emerson Process	31144PD5A1K1M5/IF5Q4X1	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Temperature Transmitter	Deg C	Oil	Skid A	21TE-034A	Emerson Process	31144PD5A1K1M5/IF5Q4X1	30/09/2013	Krohne Oil & Gas Nig.	No	No	Yes	V		
Measures of Volume	Temperature Transmitter	Deg C	Oil	Skid A	21TE-035A	Emerson Process	31144PD5A1K1M5/IF5Q4X1	30/09/2013							

WEIGHTS & MEASURES EQUIPMENT REGISTRATION DETAILS

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

Main Site / Location of Equipment State	Bonny Terminal Rivers
Terminal Contact Person's Name	Okoror Bernard
Contact Person Email Address	bernard.okoro@shell.com
Contact Person Telephone number	234807022626

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	Has the Device / Equipment a Pattern Approval Certificate from W&M Dept? Yes/No	Are Copies of Original Equipment Manufacturers Instruction / Service Manuals Available ? Yes/No	Has the Device / Equipment a Pattern Approval Certificate from W&M Dept? Yes/No	Tick to Apply for Initial Verification Certificate
Measures of Volume	B&W Analyzer	%	Oil	Refinery Skid	21AT-003RB	Thermo Electron	4200-LR-1T-2-1-2-7-061			No	No	No	No	No	No	v
Measures of Volume	Density Transducers	kg/m3	Oil	Skid A	35B/87 21AT-001AA	Solartron	7835AAAFAJTDDX			Yes	Yes	No	No	No	No	v
Measures of Volume	Density Transducers	kg/m4	Oil	Skid A	35B995 21AT-001AB	Solartron	7835AAAFAJTDDX			Yes	Yes	No	No	No	No	v
Measures of Volume	Density Transducers	kg/m5	Oil	Skid B	21AT-001BA	Solartron	7835AAAFAJTDDX			Yes	Yes	No	No	No	No	v
Measures of Volume	Density Transducers	kg/m6	Oil	Skid B	21AT-001BB	Solartron	7835AAAFAJTDDX			Yes	Yes	No	No	No	No	v
Measures of Volume	Density Transducers	kg/m7	Oil	Refinery Skid	21AT-001RA	Solartron	7835AAAFAJTDDX			Yes	Yes	No	No	No	No	v
Measures of Volume	Density Transducers	kg/m8	Oil	Refinery Skid	21AT-001RB	Solartron	7835AAAFAJTDDX			Yes	Yes	No	No	No	No	v