Part 1. Technical



Reference List – America 's Metering Systems Projects



Experiences and Achievements in Metering Systems – Offshore and Onshore

Current Major Projects:

Project name: Custody Transfer
 Customer: Refipampa , Argentina

Supply: 3" Positive displacement LACT unit with Bidi Prover

Qty: 1

• **Project Name:** Custody Transfer

Customer: Tecpetrol, Fortin de Piedra

Supply: 8" Ultrasonic meter run with Analytical shelter and Flow computer shelter

Qty: 1

• Project Name: Custody Transfer

Customer: Tecpetrol, Fortin de piedra

Supply: 3" turbine meter ULACT with Bidi Prover, OMNI flow computer

Qty: 1

• Project Name: Production Multiphase flow Measurement

Customer: Tecpetrol, Fortin de Piedra

Supply: Multiphase flow meters for production measurement

Qty: 2

Project Name: Custody Transfer

Customer: Logum

Supply: metering systems with positive displacement meter for pipeline application

Qty: 18 units

Project Name: Custody Transfer

Customer: BR Distribuidora

Supply: metering systems with positive displacement and turbine meters (unloading

for trucks application)

Qty: 112 units

Project Name: Custody Transfer

Customer: BR Distribuidora

Supply: pumping unity with positive displacement meter (additive injection)

Qty: 12 units



• **Project Name:** Custody Transfer

Customer: Ipiranga

Supply: metering systems with positive displacement meter (unloading for trucks

application) **Qty:** 03 units

• **Project Name:** Custody Transfer

Customer: Ipiranga

Supply: metering system with positive displacement meter (unloading for barge

application) **Qty:** 01 unit

• **Project Name:** Custody Transfer

Customer: Ipiranga

Supply: pumping unity with ultrasonic meter (additive injection)

Qty: 02 units

• **Project Name:** Custody Transfer – Ethanol Power Plant

Customer: Odebretch

Supply: flow metering system and loading racks with coriolis/PD meters

Qty: 07 units

• **Project Name:** Custody Transfer

Customer: Raizen

Supply: Loading racks with turbine meters

Qty: 04 units

• **Project Name:** Custody Transfer (RLAM Refinery)

Customer: Petrobras

Supply: flow metering system with prover 8"

Qty: 01 unit

• **Project Name:** Custody Transfer (REVAP Refinery)

Customer: Petrobras

Supply: flow metering system with positive displacement meter

Qty: 03 unit

• **Project Name:** Replicants Platforms (P-66 / P-67 / P-68)

Customer: Petrobras

Supply: flow metering system with ultrasonic meter 8"

Field: Lula - Pre Salt

Qty: 03 units



Project Name: Replicants Platforms (P-69 / P-70 / P-71)

Customer: Petrobras

Supply: flow metering system with ultrasonic meter 8"

Field: Sapinhoa – Pre Salt

Qty: 03 unit

Project Name: Production pilot
 Customer: Wintershall Dea

Supply: Dual range multiphase meter **Field:** Aguada Federal – Bandurrias fields

Qty: 01 unit

• Project Name: Mejora eficiencia de la medición

Customer: Ecopetrol

Supply: multiphase meters

Field: Chichimene field - Orinoquia

Qty: 04 unit

Project Name: Test pilot Bandurrias
 Customer: Pan American Energy
 Supply: Multiphase meter in shelter
 Field: Bandurrias – CASE fields

Qty: 02 unit

Project Name: Custody Transfer
 Customer: Momentum Midstream
 Supply: 16" Ultrasonic Meter Run

Field: Louisiana, USA

Qty: 03 Units

• **Project Name:** Launcher/Receivers

Customer: DTE Midstream

Supply: 20" x 20" Launcher/Receiver

Field: Louisiana, USA

Qty: 02 Units

• **Project Name:** Launcher/Receivers

Customer: DTE Midstream

Supply: 24" X 24" Launcher/Receiver

Field: Louisiana, USA

Qty: 02 Units



Project Name: Launcher/Receivers
 Customer: Momentum Midstream
 Supply: 16" X 12" Launcher/Receiver

Field: Louisiana, USA

Qty: 02 Units

• **Project Name:** Custody Transfer

Customer: Kinder Morgan

Supply: 6" Ultrasonic Meter Run

Field: USA Qty: 01 Unit

Project Name: Regulator Skid
Customer: Kinder Morgan
Supply: 6" Dual Regulator Skid

Field: USA Qty: 01 Unit

• Project Name: Fuel Gas Skid with Building

Customer: Kinder Morgan

Supply: Fuel Gas Skid 15' X 38' with building

Field: USA Qty: 01 Unit

Project Name: Control Valve Skid

Customer: Kinder Morgan

Supply: 8" & 10" Headers w/ 12" Control Valve Skid

Field: USA Qty: 01 Unit

• Project Name: Custody Transfer Gathering

Customer: Silvercreek Midstream

Supply: 3,000 Bbl/Day LACT unit fully skidded w/building

Field: Wyoming, USA

Qty: 03 Units

• Project Name: Custody Transfer Gathering

Customer: Silvercreek Midstream

Supply: 4,000 Bbl/Day LACT unit fully skidded w/building

Field: Wyoming, USA

Qty: 03 Units

• Project Name: Custody Transfer Gathering

Customer: Silvercreek Midstream

Supply: 6,000 Bbl/Day LACT unit fully skidded w/building



Field: Wyoming, USA

Qty: 03 Units

• **Project Name:** Custody Transfer Gathering

Customer: Silvercreek Midstream

Supply: Dual Run 4,000/6,0000 Bbl/Day LACT unit fully skidded w/building

Field: Wyoming, USA

Qty: 05 Units

Project Name: RTU/GC Building
 Customer: Producers Midstream

Supply: RTU/GC Building

Field: USA Qty: 01 Unit

Project Name: Custody Transfer
 Customer: Momentum Midstream
 Supply: 6" Orifice Meter Run

Field: USA Qty: 01 Unit

• Project Name: Orifice Control Valve

Customer: RPS

Supply: 6" Orifice Control Valve

Field: USA Qty: 01 Units

Project Name: Custody Transfer

Customer: Kinder Morgan

Supply: 4" & 8" Ultrasonic Meter Station Skidded

Field: USA Qty: 02 Units

Project Name: Citygate Supply
 Customer: Kinder Morgan

Supply: 3,000 Bbl/Day LACT unit

Field: USA Qty: 01 Units

• **Project Name:** NG Supply

Customer: Markwest

Supply: 2" FlowSick 500 NG Supply

Field: USA Qty: 10 Units



• **Project Name:** Rotary Meter Skids

Customer: Kinder Morgan

Supply: 2" – 4" Rotary Meter Skids

Field: USA Qty: 03 Units