

Why BIEWU is unique and different.





SPECIALTY CHEMICALS PRODUCT LINE



CORROSION INHIBITORS

Continuous
Acid, Batch, Glycol,
Annular, Wire-line, Sticks



SCALE INHIBITORS

All Oil Field
Mineral Scales



ASPHALTENE PARAFFIN CONTROL

Solvents
Dispersants
Inhibitors
Combination Products



DIMULSIFIERS

Continuous
Batch
Combinations Products
Reverse Demulsifiers



STIMULATION PRODUCTS

Acid Inhibitors
Acid Demulsifiers
Acid Soluble Surfactants



SCAVENGERS

Dissolved Oxygen
Hydrogen Sulphide



BACTERIA CONTROL

Biocide
Sticks



FOAMER/DEFOAMERS

Oil Soluble
Water Soluble



SURFACTANTS



WATER CLARIFIERS



HYDRATE INHIBITOR



DRAW REDUCER



Chemical Injection Skid

Chemical Injection Skid

Uninterrupted chemical injection (on or offshore) - Solar or Electrically powered skid

Design basis:

- Abundance of solar power
- Remotely operated
- Purpose built / design
- Energy & Space efficient
- Minimal on-site installation
- User experience based design
- Suitable for hazardous locations
- 24X7 Service report / Remotely monitored



Remote Diagnostics & Control:

- ✓ System communication status
- ✓ Pump status
- ✓ Tank level
- ✓ Current & Trend of dosing rate
- ✓ Stroke count (Pump strokes)
- ✓ Solar & Battery voltage
- ✓ Ambient & Internal (Enclosure) Temperature
- ✓ Data Logging & Reporting
- ✓ Multi-User

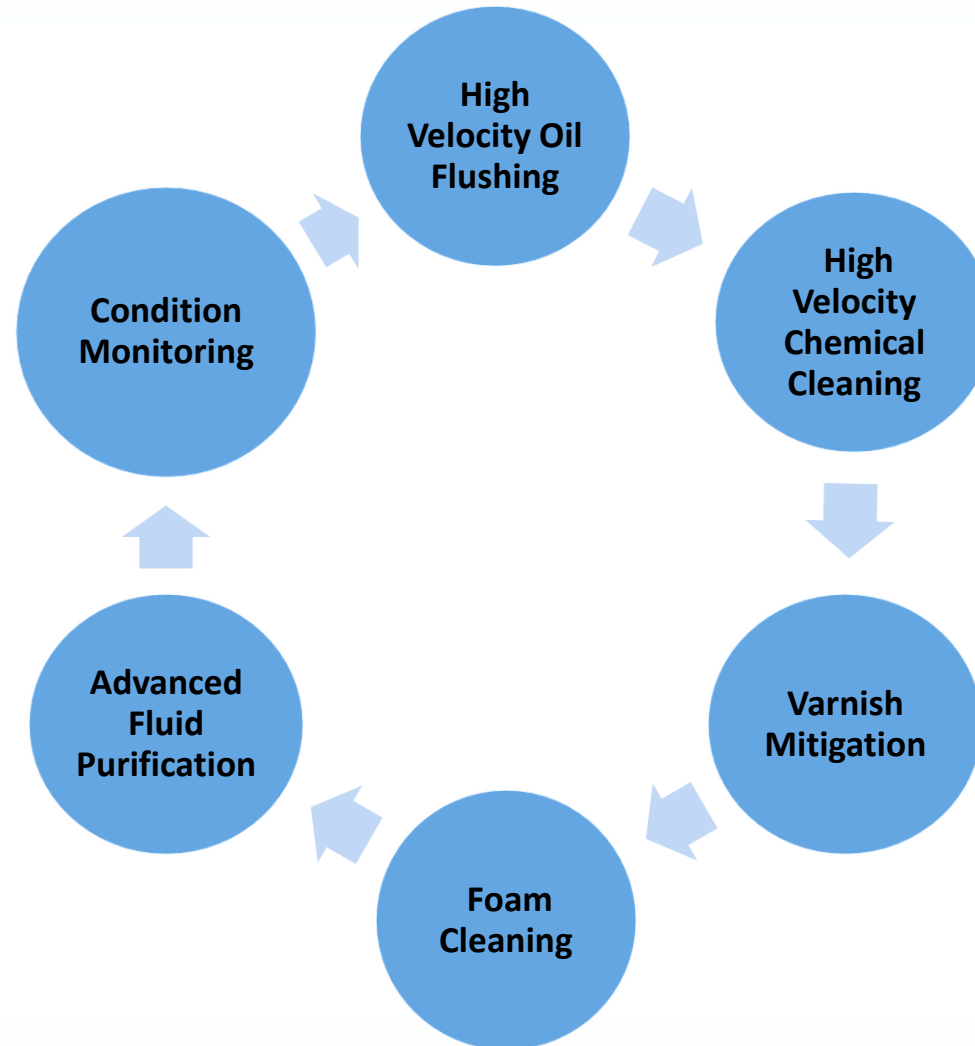
**Specialized in System Decontamination
through High Velocity Chemical Cleaning,
High Velocity Oil Flushing and
Advanced Fluid Purification
Designed to Improve
System–Machine Reliability**

RPST – Radiographic Pipe Scanning Technology



- ❖ Pipeline Profiling & Scanning to assess System contamination (Nuclear signals – Looks at the impedance – 360° scan – Safe)
- ❖ No downtime – Carried out on active pipeline
- ❖ Can assess corrosion under insulation & integrity of insulation (dry or wet)
- ❖ Assess erosion damage
- ❖ Real-Time Data – Help take informed decision | prioritization | maintenance
- ❖ Critical decision making – Derating | Segregation | Shut-in for Maintenance







Diverse Client Base - Includes Refining, Petrochemical and Oil & Gas Majors



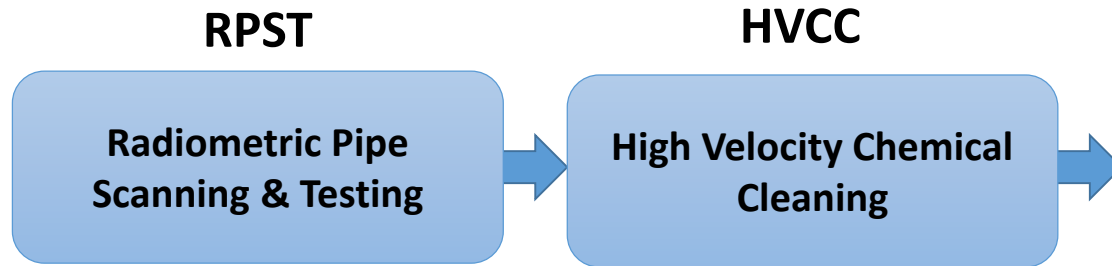
High-Velocity Oil Flushing & Chemical Cleaning Services Successfully Delivered for:

Combustion Turbines, Steam Turbines, Hydraulic Systems, Centrifugal Compressors, Reciprocating Compressors, Cooling Water Systems, Oil & Gas Pipelines, Industrial Process Equipment, Heat Exchangers, Distillation Towers, Boilers, HRSG's, Condensers, Steam Process Piping & Ancillary Steam System Equipment applications

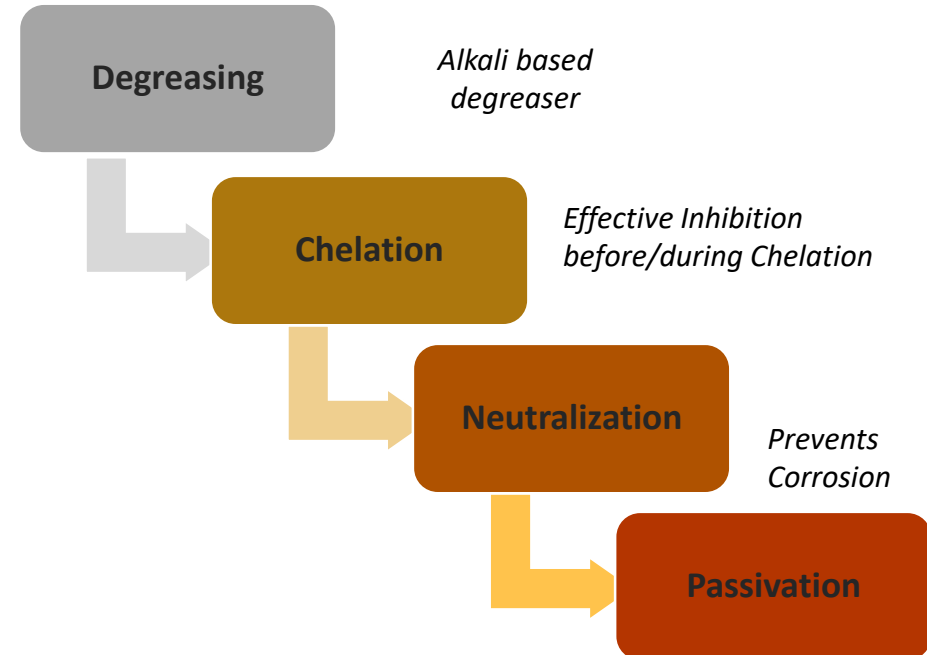


Dominion Power
Duke Energy
Strike Energy Services Inc.
BIS Frucon Industrial Services, Inc.
Daleel Petroleum
Snider Industries
Transalta
PCS Nitrogen
Covanta Energy
Shell
Agrium FNO
Southern Power
UGI Power
Arizona Public Service
Dresser-Rand
Luminant Power
Shell Global Solutions International
The PIC Group, Inc.
PBF Energy Corporation
Dow Chemical Company
PSEG Nuclear, LLC
Total Refining
Georgia Pacific
DuPont Chemical Company
Florida Power & Light
Chevron
Merichem
ConocoPhillips
Motiva
The Industrial Company (TIC)
Invista
GE Field Services

Altair Strickland
Calpine
Petroleum Development Oman (PDO)
Kiewitt
Flint Hills Resources
BTEC Turbines, Inc.
Eastman Chemical
Rolls Royce
Tenaska
Solar Turbines
Seadrift Coke, L.P.
BASF
Duke Energy
Rukun Al Yaqeen International
CB&I
ExxonMobil
Targa Energy
Connectiv Energy
Merisol Energy
CenterPoint Energy
General Electric
Foster-Wheeler
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Suncor Energy
Riggs Distler
BP Exploration
Jacobs Engineering
PCL Industrial Construction Company
U.S. Military



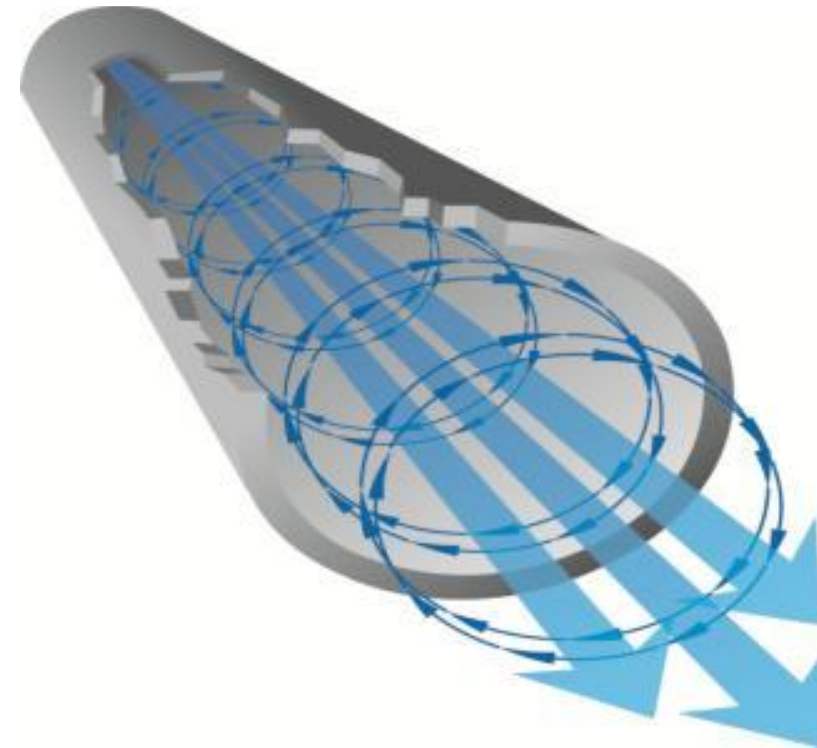
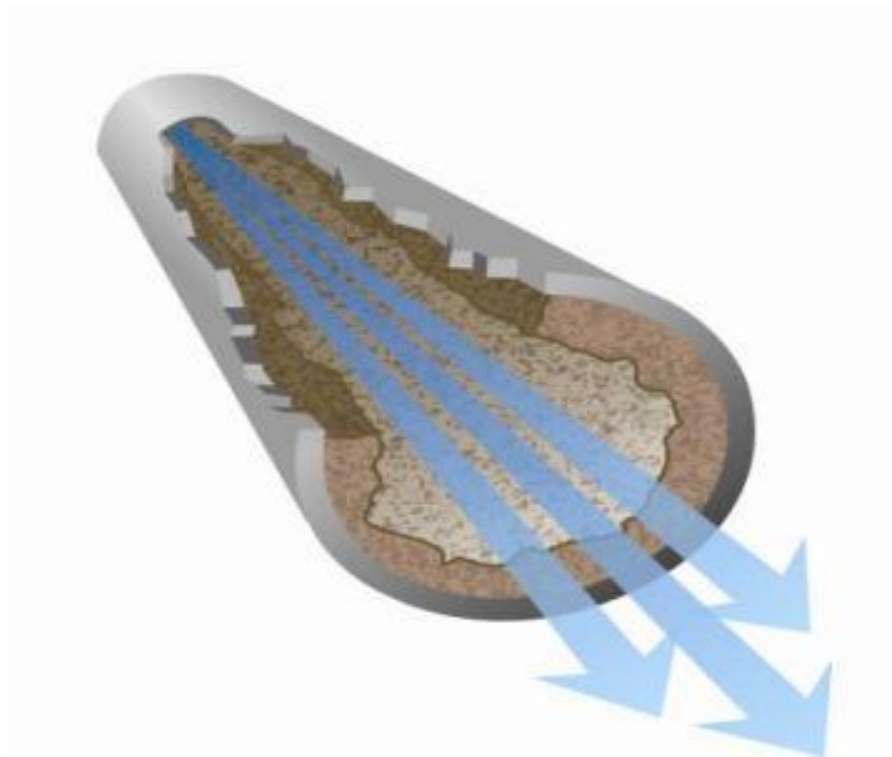
4 Phases



SPEED • PRECISION • RELIABILITY

- ✓ Proprietary, Safe Chemistry, Reliable & Env. friendly
- ✓ Pre-Testing for customized Chemical Strategy design
- ✓ Return to Maximum Operational Cleanliness
- ✓ Focus on maximum fluid flow and life extension
- ✓ Impeccable Safety Record

Turbulent Flow & High Reynolds Maximizes Cleaning





HIGH VELOCITY CHEMICAL CLEANING

COMPLETE PACKAGE / SKID MOUNTED



SRB Rapid Check Technology

3M Science.
Applied to Life.™

3M Microbial Detection Technology

Thin-film culture device for the detection of sulfate-reducing bacteria