



Jet Pump

Constructed by Offshore Cleaning Systems, the 6 x 6 Jet Pump is capable of unrestricted flow rates of 920gpm or 566gpm through a 2-1/2" discharge hose. For flush and fill (pickling) operations, OCS issues the customer a report of pipeline temporary abandonment as for regulatory compliance record keeping. OCS can provide individualized flushing procedures upon request.

6 x 6 Jet Pump Specifications

- Dimensions: 11'6" x 5' x 7'
- Weight: 6500 lbs
- HP: 210

Included in Package

- 3" turbine meter
- 40' suction hose
- 200' 2 1/2" 500psi discharge hose
- 2" MNPT crossover included

Flow Performance Chart

RPM	PSI	GPM
700	45	259
800	60	297
900	70	332
1000	85	364
1100	105	398
1200	125	435
1300	145	468
1400	170	504
1500	195	538
1600	215	566





Jet Pump

Pipeline Flush

Job Scope

Flush and fill departing bulk gas pipeline from _____ to _____

Information

Pipeline Segment # _____

Line Inside diameter.- _____

Length- _____,

Design working pressure – _____ psi

Total pipeline volume is ~ _____ bbls

Corrosion inhibitor to be mixed at 1% concentration (_____ gallons)

A) Safety Meetings

- 1) Hold pre-job safety meeting with OCS crew, Facility personnel, and all other parties involved in process.
- 2) Complete JSA's for each task with all parties involved.
- 3) Conduct pre-job walk through at the work area and review JSA.
- 4) Insure all permits, JSA's, etc. are approved / signed off by company representative.
- 5) Insure all PPE is used correctly and in serviceable condition.

B) Equipment rig up and Flange Installation at <receiving end>

- 1) Verify with facility personnel that incoming line is isolated and bled down.
- 2) Install OCS LOTO equipment
- 3) Rig up drip pans and pumps under flange to be removed. Have absorbent pads at the ready.
- 4) Remove existing blind flange and install tapped flange and gasket.
- 5) Rig up hoses to designated receiving tank.
- 6) Rig pumps from designated receiving tank to platform process as directed by facility personnel.

C) Equipment rig up and Flange Installation at <departing end>

- 1) Verify with facility personnel that departing line is isolated and bled down.
- 2) Install OCS LOTO equipment
- 3) Rig up drip pans and pumps under flange to be removed. Have absorbent pads at the ready.
- 4) Remove existing blind flange and install tapped flange and gasket.
- 5) Install fittings to crossover to pump discharge hose and check valve at injection point.



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Pipeline Flush

Continued

D) Pipeline Flush

- 1) Fill 25bbl gumbo pot with seawater using boat's firewater pump or diaphragm pumps if needed.
- 2) Insure that receiving personnel are ready for returns.
- 3) Pump 1.5 times pipeline volume (_____ bbls) of seawater into departing pipeline. Rate will be determined by receiving personnel's ability to dispose of liquids at _____.

E) Fill Pipeline with Inhibited Seawater

- 1) Fill 25bbl gumbo pot with seawater using boat's firewater pump or diaphragm pumps if needed.
- 2) Mix corrosion inhibitor at _____ gals per 25bbl of seawater.
- 3) Insure that receiving personnel are ready for returns.
- 4) Pump 1 pipeline volume (_____ bbls) of inhibited seawater into departing pipeline. Rate will be determined by receiving personnel's ability to dispose of liquids at _____.

F) Secure Pipeline at _____ (location)

- 1) Remove pump discharge hoses and fittings and install bullplug in tap.
- 2) Stencil riser "Flushed and Filled <Date>"

G) Secure Pipeline at _____ (location)

- 1) Remove receiving hoses and fittings and install bullplug in tap.
- 2) Stencil riser "Flushed and Filled <Date>"
- 3) Complete OCS Pipeline Flush Report. Provide a copy to company Rep. and retain a copy for job file.

H) Secure Equipment for De-mobe

- 1) Clean tanks not needed for waste disposal.
- 2) Clean and roll up equipment
- 3) Assist facility personnel in completing UIC-28 form.



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Pipeline Temporary Abandonment Report

Segment #	<input type="text"/>	<i>If not filled in, operator will provide</i>
Comes From	<input type="text"/>	<i>Use Area, block, and ID (ex. EC-82B)</i>
Goes To	<input type="text"/>	<i>Use Area, block, and ID (ex. EC-82A)</i>
Length	<input type="text"/>	<i>pipeline length in feet</i>
Size	<input type="text"/>	<i>pipeline diameter in inches</i>
Volume	<input type="text"/>	<i>pipeline total volume in bbls.</i>
Date Flushed	<input type="text"/>	<i>date line was flushed</i>
Volume Flushed	<input type="text"/>	<i>with sea water only</i>
Date Filled	<input type="text"/>	<i>date line was filled with inhibited seawater</i>
Volume Filled	<input type="text"/>	<i>with inhibited sea water</i>
Inhibitor Product	<input type="text"/>	<i>manufacturer and product name</i>
Percentage of Inhibitor	<input type="text"/>	<i>percentage by line volume</i>
Total Volume of Inhibitor	<input type="text"/>	<i>gallons used</i>
OCS Supervisor Name	<input type="text"/>	<i>print</i>
OCS Supervisor Signature	<input type="text"/>	<i>certifies that job was completed per procedure</i>

Once form is complete, provide original to customer representative and retain a copy for OCS job file