API 610 Compliant Designs

- Off Shore Platform
- Seawater Lift
- Deep Well Dewatering
- Fire Protection

- Sump Type / Wet Pit
- Crude Oil Transfer
- Storm / Waste Water
- Secondary Recovery
- Cooling Water
- Aircraft Fueling

- Pipeline Booster
- Light Hydrocarbon, High-Vapor Pressure (Low NPSHA)
- LNG Transfer
- Refinery Service
- Vertical Process

Submersible VS0

Wet Pit VS1

Canned Booster VS6
National Pump Company is recognized as a dependable manufacturer of Vertical Turbine API 610 type pumps for the oil & gas and mining markets. Pumps can be manufactured in a variety of design and material configurations to suit your application, budget and timeline, for many years of dependable and efficient operation.

<table>
<thead>
<tr>
<th>MATERIAL CLASS</th>
<th>BOWLS</th>
<th>IMPELLERS</th>
<th>BOWL WEAR RINGS</th>
<th>IMPELLER WEAR RINGS</th>
<th>SHAFTING</th>
<th>DISCHARGE HEAD/SUCTION CAN</th>
<th>COLUMN BOWL SHAFT BUSHINGS</th>
<th>BOLTS</th>
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*Abbreviations are as follows: SS – Stainless Steel; CR – Chrome Steel; AUS – Austenitic SS; Ni-Cu Alloy – Monel types; Duplex – Duplex SS; Super Duplex – Super Duplex SS*
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