

The Pump People.

NSF 61 VERTICAL & SUBMERSIBLE TURBINE PUMP GUIDE

- ▶ Commercial
- ▶ Industrial
- ▶ Municipal
- ▶ Irrigation

NSF

Certified to
NSF/ANSI/CAN 61
& NSF/ANSI 372

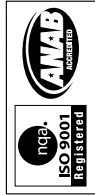


Delivering Vertical Turbine Pump
Reliability, Quality
and Service Since 1969

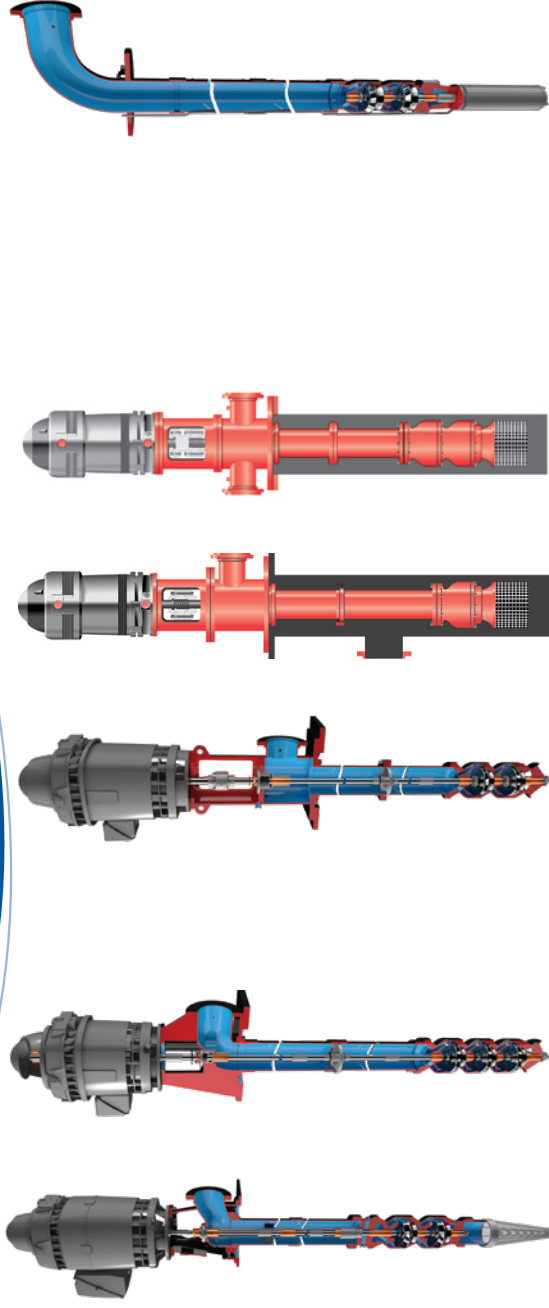
Glendale, Arizona



Certified to
NSF/ANSI CAN 61
& NSF/ANSI 372



Certificate No. 13778



PRODUCT SERIES	VERTICAL TURBINE PUMPS		SUBMERSIBLE TURBINE PUMPS
PUMP TYPE	VS-1 DEEP WELL VTP	VS-1 SHORT SET VTP	VS-0 STP
BOWL SIZES	6" - 30"		
FLOW	50 - 20,000 USGPM		
HEAD	To 2,000 Ft. (865 PSI)		
DRIVERS	VSS & VHS Motors up to 1500 HP Optional right angle gear drives		Submersible electric to 1,500 HP*
DESCRIPTION	Enclosed lineshaft: Oil lubricated or Fresh water flush Open pre-lube lineshaft	Product lubricated or Enclosed lineshaft Mechanical seal or Packed stuffing box	Vertical deep well, Vertical inline or Horizontal booster

COMPONENT

CERTIFIED MATERIAL OPTIONS

BOWLS

Cast iron enamel-lined (A48), ductile iron (A536), 316SS

IMPELLERS (COLLETED OR KEYED)

Bronze (C87600), Aluminum-bronze (C95200), 316SS

WEAR RINGS

Aluminum-bronze (C95400), 316SS/416SS

BEARINGS

Bronze (C89835), Marine (316SS/nitrile), Neoprene, Vesconite

SHAFTING

416SS, 316SS, Steel (C1045)

COUPLINGS, SHAFT (THREADED)

304SS, 316SS, Nitronic 50 (XM-19), steel (C1215)

N/A

COUPLINGS, SHAFT (KEYED)

304SS, Nitronic 50 (XM-19)

N/A

COUPLING, MOTOR

N/A

316SS, 416SS, Nitronic 50 (XM-19)

COLUMN PIPE

Flanged or Threaded: Steel (A53 GrB), 316SS

BEARING RETAINER

304SS, 316SS

N/A

ENCLOSING TUBE

Steel (A53 GrB), 316SS

N/A

N/A

DISCHARGE HEADS/ELBOW

Cast iron (A48), Ductile iron (A536), Fabricated steel, Fabricated 316SS

STRAINER/INLET SCREEN

304SS

FEATURES & OPTIONS

Extra lateral when required
Wear rings
NPC Standard LH or RH threaded oil lube
Themec N140 Pota-Pox Plus Coating

Dynamic balanced impellers
Reed critical frequency analysis
Torsional & Lateral Vibration Analysis
Low NPSH Hydraulics

* Submersible Motor and Cable not certified under NPC's NSF listing (Provided by motor manufacturer).
Certification for a minimum daily flow of 40,300 liters per day. Pumps certified to NSF/ANSI/CAN 61. NSF/ANSI 372.

Safe Clean Drinking Water IT MATTERS!



Certification:

National Pump Company has received NSF/ANSI/CAN 61 & NSF/ANSI 372 certification for Vertical and Submersible Turbine Pump assemblies. The complete pump, from the suction to the discharge, is certified to pump drinking water without imparting chemical contaminants or impurities that can affect our health. Every wetted component has been intensely scrutinized by analyzing its chemical composition, operating temperature, surface preparation, surface area and fluid flow. NSF International performed rigorous extraction testing to ensure the components meet the qualification requirements for every regulated chemical per NSF/ANSI/CAN 600, Health Effects Evaluation and Criteria for Chemicals in Drinking Water. The pumps also meet the Safe Drinking Water Act of the United States to ensure low lead content in accordance to NSF/ANSI 372, Drinking Water System Components – Lead Content. NSF International performs a yearly audit of NPC's headquarters in Glendale, AZ to verify the facility's compliance with the certification.



NSF International:

NSF International is an independent, non-governmental, non-profit public health and environmental organization that serves the public globally, by testing products for health and safety. The organization develops public health standard and certification programs that are designed to protect our global resources and environments. The standards for drinking water systems have been specifically developed to protect our greatest resource, water!

National Pump's certification is located on NSF International's website:

<http://info.nsf.org/Certified/Common/Company.asp?CompanyName=national+pump&x=0&y=0>



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Reliability, Quality
and Service Since 1969

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Creating Quality Pump Systems and Satisfied Customers

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