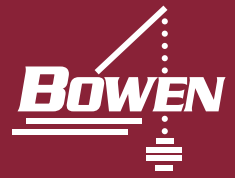


BALANCE OF PLANT MECHANICAL PIPING

SELF PERFORM CONSTRUCTION CAPABILITIES



MATERIAL EXPERIENCE

- Alloys (AL-6XN, 2205, C276, P11, P22, P91), Basalt Carbon, Ductile Iron, FRP, HDPE, Inconel, Nuvaloy, PVC, Stainless, Titanium

PROCEDURES

- GTAW, SMAW, GMAW/FCAW (RMD STT, Pulse), Orbital, ASME (Sec. 1, B31.1, B31.3, B31.8), API (620/650/653/1104)

WELDER PREQUALIFICATION

- Onsite and Offsite AWS/ASME Testing, UA (Pipefitters), Common Arc (Boilermakers), Impact (Ironmakers)
- Union and Merit Shop Craft

TESTING

- Hydraulic, Pneumatic, 3rd Party NDE, Pigging, Purging, High Purity Cleaning, Post-Weld Heat Treat

>200
WPS / PQR

HISTORICAL WELD REJECT RATES

2015	2016	2017	2018	2019
2.410%	0.499%	0.546%	3.191%	0.59%



BALANCE OF PLANT MECHANICAL PIPING

RECENT EXPERIENCE



Recent Experience	LF of Pipe	ASME 31.3	ASME 31.1	Large Bore	Small Bore	Modular	Alloy Piping	Outage/ Turnaround
IPL Petersburg NPDES / Dry Bottom Ash	110,000	•	•	•	•	•	•	•
AEP Clifty Creek FGD	75,000	•	•	•	•	•	•	•
AEP Mitchell Dry Fly Ash Conversion	55,000	•	•	•	•	•	•	•
TVA Kingston Dry Fly Ash	55,000	•	•	•	•	•	•	•
CONSOL Buchanan Minewater Treatment	36,000	•		•	•		•	
Abengoa Bioenergy Hugoton	30,000	•	•	•	•	•	•	
TVA Bull Run Dry Fly Ash	30,000	•	•	•	•	•	•	•
NRG Big Cajun II SNCR	30,000		•	•	•		•	•
NRG Conemaugh	30,000	•		•	•		•	
Duke Energy Gibson Bottom Ash Upgrades	27,600		•	•	•		•	•
VeraSun Welcome and Hartley Ethanol Plants	25,000	•			•	•	•	•
Dow Chemical Freeport Ultra Pure WTF	22,000	•		•	•	•	•	•
Sayreville, NJ SCR / Grid Reliability	15,000		•	•	•	•	•	•
IPL Harding Street Coal to Gas Conversion	15,000		•	•	•		•	•

