

# Creditrisk BABCOCK & WILCOX ENTERPRISES, INC.

**April 16, 2019** 



CreditRiskMonitor's assessment of Babcock & Wilcox Enterprises, Inc.'s ("B&W") "high risk" status has been determined by a combination of factors:

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## MONTHLY AVERAGE FRISK® SCORE

CreditRiskMonitor's proprietary FRISK® score has Babcock & Wilcox Enterprises, Inc. (NYSE: BW) at a <u>1</u>, the highest probability of bankruptcy in the next 12 months.

Business Name	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019	2019	2019	2019
Dusiness Name	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB	MAR	APR
Babcock & Wilcox Enterprises, Inc.	1	2	3	2	3	3	3	2	1	1	2	1	1

The FRISK® score is 96% accurate\* in predicting the risk of corporate failure/bankruptcy over a 12-month horizon.

All FRISK® scores are recalculated every night for each subsequent 12-month period.

	EDICK.	Probability of bankru	ptcy within 12 months
	IKISK	From	То
Best	10	0.00%	0.12%
	9	0.12%	0.27%
	8	0.27%	0.34%
	7	0.34%	0.55%
	6	0.55%	0.87%
	5	0.87%	1.40%
	4	1.40%	2.10%
	3	2.10%	4.00%
	2	4.00%	9.99%
Worst	1	9.99%	50.00%

While the percentage risk of bankruptcy varies at each FRISK® score, 96% of public companies that eventually go bankrupt enter the FRISK® "red zone" prior to filing. A FRISK® score of 5 or less is an important warning sign.

<sup>\*</sup> FRISK® score accuracy of 96% is based on backtesting of U.S. public companies; results may vary by country.

## THE FRISK® SCORE COMPONENTS

At the core of the CreditRiskMonitor process is our 96% accurate FRISK® score, which indicates a company's level of financial stress on a scale of 1 to 10, based on the probability of bankruptcy over a 12-month horizon. When available, the FRISK® score incorporates a number of powerful risk indicators including:

A "Merton" type model using stock market capitalization and volatility

Financial ratios, including those used in the Altman Z"-Score Model Bond agency ratings from Moody's, Fitch, DBRS, & Morningstar

## Crowdsourced CreditRiskMonitor Usage Data

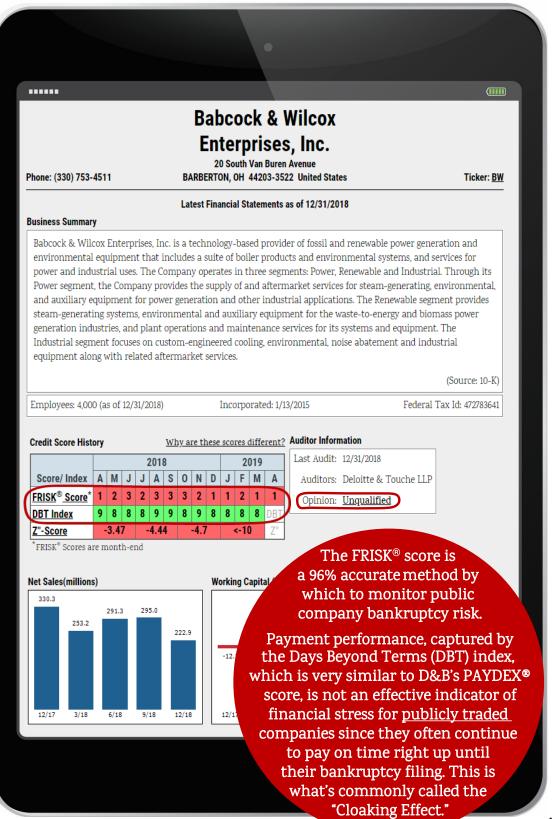
<u>Crowdsourcing</u> has enhanced the accuracy and timeliness of the FRISK® score. We collect and analyze data patterns from thousands of CreditRiskMonitor subscribers, including professionals from more than 35% of the Fortune 1000 and other large corporations worldwide.

The crowdsourcing advantage is even more powerful in our FRISK® score since many of the professionals who use our service are credit managers:

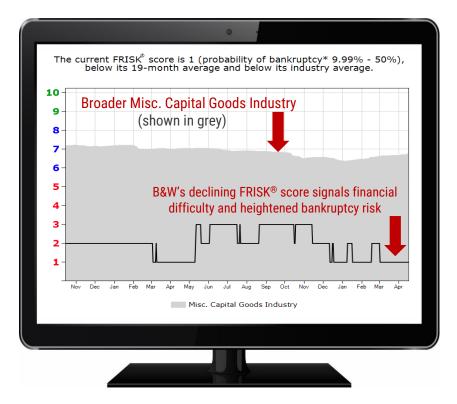
- Credit managers control one of the largest sources of working capital going into a company
- They are not held to the same "Fair Disclosure" restrictions that prevent nondisclosed information sharing on public companies
- Credit managers use a variety of non-public information sources such as their own company's management and sales representatives to be alerted to concerns in a public company's performance
- It is commonly known credit managers confidentially share information with other credit managers, thus collectively, their behavior helps to provide advanced insight to financial problems in public companies

Read more in Credit Research Foundation's quarterly journal article, "Assessing Public Company Financial Risk by Crowdsourcing the Research of Credit Professionals"

#### **COMPANY REPORT DETAIL**



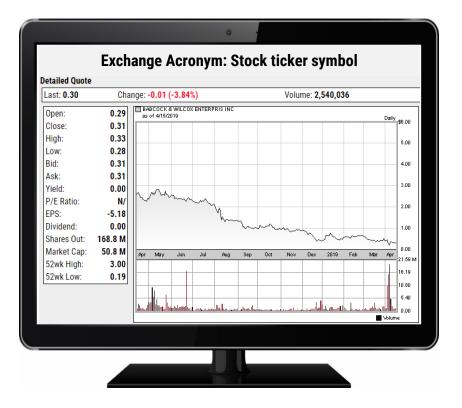
### FRISK® DEEP DIVE



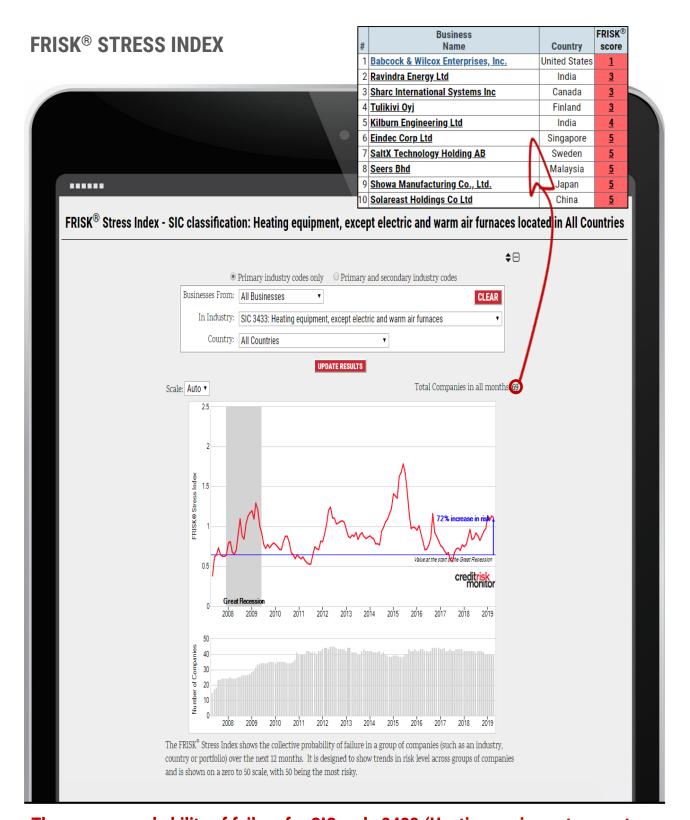
The FRISK® score relative to the broader Misc. Capital Goods industry raises an additional red flag signaling heightened risk relative to peers, as well...

MAKING IMMEDIATE ATTENTION REQUIRED.

#### ADJUSTED MARKET CAP VOLATILITY



One of the inputs of the FRISK® score is a company's market cap volatility, adjusted for dividends, over the course of a year. Incorporating this information allows us to capture the "wisdom of markets" on a daily basis. This ensures our subscribers are getting the most up to date view of the risks they face since stocks tend to be more liquid and faster moving than bond prices and ratings.



The average probability of failure for SIC code 3433 (Heating equipment, except electric and warm air furnaces) has increased 72% since 2007. B&W is among the weakest names in the industry as evidenced by its FRISK® score of 1.

### PEER ANALYSIS ON ALTERNATE SUPPLIERS AND CUSTOMERS



## **QUARTERLY PERFORMANCE RATIOS**

Operating and net losses in each of the last five fiscal quarters

Insufficient interest coverage ratio & negative free cash flow

#### Performance Ratios - Sequential Quarters

Performa	nce Ratios (Thousands	<ul> <li>Sequent</li> <li>of U.S. Dollars)</li> </ul>	ial Quartei	rs	
Period Ended	3 mos 12/31/2018	3 mos 9/30/2018	3 mos 6/30/2018	3 mos 3/31/2018	3 mos 12/31/2017
Net Sales \$	\$222,912	\$294,963	\$291,337	\$253,176	\$330,256
% change	-24.43%	1.24%	15.07%	-23.34%	-7.46%
Gross Margin \$	(\$74,871)	\$10,462	(\$41,066)	(\$24,169)	\$13,444
% change	-815.65%	125.48%	-69.91%	-279.78%	-56.28%
% of sales	-33.59%	3.55%	-14.10%	-9.55%	4.07%
change as % of incremental sales	n/m	1,421.07%	-44.28%	n/m	n/m
SG&A \$	\$56,319	\$52,266	\$52,248	\$62,498	\$56,733
% change	7.75%	0.03%	-16.40%	10.16%	12.66%
% of sales	25.27%	17.72%	17.93%	24.69%	17.18%
change as % of incremental sales	n/m	0.50%	-26.86%	n/m	n/m
Operating margin \$	(\$137,590)	(\$5,416)	(\$186,592)	(\$106,428)	(\$47,610)
% change	-2,440.44%	97.10% -1.84%	-75.32% -64.05%	-123.54% -42.04%	57.06% -14.42%
% of sales change as % of incremental sales	-61.72% n/m	4,996.58%	-04.03%	-42.04% n/m	-14.42% n/m
EBITDA \$	(\$197,152)	\$12.844	(\$171,769)	(\$78,207)	(\$27,563)
% change	-1,634.97%	107.48%	-119.63%	-183.74%	71.75%
% of sales	-88.44%	4.35%	-58.96%	-30.89%	-8.35%
change as % of incremental sales	n/m	5,091.37%	-245.18%	n/m	n/m
EBIT \$	(\$204,668)	\$5,295	(\$179,637)	(\$87,277)	(\$36,664)
% change	-3.965.31%	102.95%	-105.82%	-138.05%	65.78%
% of sales	-91.82%	1.80%	-61.66%	-34.47%	-11.10%
change as % of incremental sales	n/m	5.100.17%	-242.03%	n/m	n/m
Pre-tax income \$	(\$224,429)	(\$9,891)	(\$211,605)	(\$109,876)	(\$43,885)
% change	-2,169.02%	95.33%	-92.59%	-150.37%	63.41%
% of sales	-100.68%	-3.35%	-72.63%	-43.40%	-13.29%
change as % of incremental sales	n/m	5,562.99%	-266.58%	n/m	n/m
Net income (loss) \$	(\$233,403)	(\$105,688)	(\$265,768)	(\$120,433)	(\$107,478)
% change	-120.84%	60.23%	-120.68%	-12.05%	5.97%
% of sales	-104.71%	-35.83%	-91.22%	-47.57%	-32.54%
change as % of incremental sales	n/m	4,414.78%	-380.85%	n/m	n/m
Tax expense \$	\$2,939	\$94,256	(\$1,934)	\$6,963	\$6,272
Effective tax rate	-1.31%	-952.95%	0.91%	-6.34%	-14.29%
Depreciation expense \$	\$7,516	\$7,549	\$7,868	\$9,070	\$9,101
% of sales	3.37%	2.56%	2.70%	3.58%	2.76%
% of capital expenses	1,655.51%	1,128.40%	686.56%	283.08%	251.97%
% of PP&E, net (annualized)	32.01%	29.80%	25.65%	28.53%	28.24%
Capital expenditures \$	\$454	\$669	\$1,146	\$3,204	\$3,612
% change	-32.14%	-41.62%	-64.23%	-11.30%	23.49%
% of PP&E, net (annualized)	1.93%	2.64%	3.74%	10.08%	11.21%
% of working capital (annualized)	-6.55% (9.90)	2.57% <b>0.85</b>	10.27% (5.37)	-106.16% (3.10)	28.77% (2.57)
Interest coverage ratio % change	-1,270.45%	115.74%	-73.20%	-20.82%	63.06%
Free cash flow \$	(\$51,201)	(\$70,727)	(\$64,439)	(\$88,041)	(\$44,880)
% change	27.61%	-9.76%	26.81%	-96.17%	39.45%
Source:	10-K	10-0	10-0	10-0	10-K
553.56.	4/2/2019	11/8/2018	8/9/2018	8/9/2018	4/2/2019

## **QUARTERLY LEVERAGE RATIOS**

Negative tangible net worth suggests that the company has exhausted all of its loanable collateral

Short-term debt as a percentage of total debt soared to 100% in O4 2018. Such a drastic jump often precedes a bankruptcy filing.

## Leverage Ratios - Sequential Quarters (Thousands of U.S. Dollars)

% change         -17.70%         6.80%         -41.72%         30.46%         25.72%           Stockholders' equity \$         (\$277,297)         (\$46,755)         \$55,555         \$69,996         \$190,703           % change         -493.09%         -184.16%         -20.63%         -63.30%         -35.31%           Total debt to equity ratio         n/a         n/a         3.61         4.91         1.38           % change         n/a         n/a         -26.57%         255.44%         94.33%           Tangible net worth \$         (\$355,198)         (\$129,070)         (\$27,992)         (\$208,861)         \$62,960           % change         -175.20%         -361.10%         86.60%         -431.74%         489.62%           Total debt to tangible net worth         n/a         n/a         n/a         n/a         n/a         49.62%           fotal assets \$         \$745,497         \$969,352         \$1,104,107         \$1,266,512         \$1,322,229           % change         -23.09%         -12.20%         -12.82%         -4.21%         -9.43%           Total debt to assets ratio         0.24         0.22         0.18         0.27         0.20           % change         567,596         \$887,037		(Thousands of U.	.S. Dollars)			
% change         -17.70%         6.80%         -41.72%         30.46%         25.72%           Stockholders' equity \$         (\$277,297)         (\$46,755)         \$55,555         \$69,996         \$190,703           % change         -493.09%         -184.16%         -20.63%         -63.30%         -35.31%           Total debt to equity ratio         n/a         n/a         n/a         26.57%         255.44%         94.33%           Enangible net worth \$         (\$355,198)         (\$129,070)         (\$27,992)         (\$208,861)         \$62,960           % change         -175.20%         -361.10%         86.60%         -431.74%         489.62%           fotal debt to tangible net worth         n/a         n/a         n/a         n/a         n/a           % change         n/a         n/a         n/a         n/a         n/a         -78.68%           fotal debt to tangible net worth         n/a         n/a         n/a         n/a         -78.68%           fotal debt to sasets ratio         n/a         n/a         n/a         -12.20%         -12.82%         -4.21%         -9.43%           fotal debt to assets ratio         0.24         0.22         0.18         0.27         0.20           % chan	Period Ended	12/31/2018	9/30/2018	6/30/2018	3/31/2018	12/31/2017
Stockholders' equity \$   (\$277,297)   (\$46,755)   \$55,555   \$69,996   \$190,703   % change   -493.09%   -184.16%   -20.63%   -63.30%   -35.31%   Total debt to equity ratio   n/a   n/a   3.61   4.91   1.38   % change   n/a   n/a   -26.57%   255.44%   94.33%   \$61,000   \$60,00	Total debt \$	\$176,155	\$214,044	\$200,424	\$343,905	\$263,614
# change	% change	-17.70%	6.80%	-41.72%	30.46%	25.72%
Total debt to equity ratio	Stockholders' equity \$	(\$277,297)	(\$46,755)	\$55,555	\$69,996	\$190,703
# change	% change	-493.09%	-184.16%	-20.63%	-63.30%	-35.31%
Section   Sect	Total debt to equity ratio	n/a	n/a	3.61	4.91	1.38
# change	- v					
Total debt to tangible net worth	Tangible net worth \$	(\$355,198)		(\$27,992)	(\$208,861)	\$62,960
# change		-175.20%	-361.10%	86.60%	-431.74%	489.62%
Stort   Stor	Total debt to tangible net worth	n/a	n/a	n/a	n/a	4.19
# change	3	.,,				
Total debt to assets ratio	Total assets \$					
% change         7.02%         21.65%         -33.15%         36.16%         38.86%           Tangible assets \$         \$667,596         \$887,037         \$1,020,560         \$987,655         \$1,194,486           % change         -24.74%         -13.08%         3.33%         -17.32%         1.59%           Short-term debt \$         \$176,155         \$3,415         \$4,124         \$166,861         \$169,314           % change         5,058.27%         -17.19%         -97.53%         -1.45%         1,265.66%           Short-term debt % of total debt         100.00%         1.60%         2.06%         48.52%         64.23%           % change         6,167.63%         -22.46%         -95.76%         -24.46%         986.25%           Short-term debt % of working capital         -108.49%         3.19%         4.07%         -1,381.99%         -1,402.77%           % change         -3,497.95%         -21.54%         100.29%         1.48%         -12,830.21%           % change         -12,379.95%         -21.54%         100.29%         1.48%         -2,88%           Total liabilities to equity ratio         \$1.048,552         \$1,196,516         \$1,131,526           % change         -12,37%         5.74%         -2.88%     <	3	-23.09%	-12.20%	-12.82%	-4.21%	-9.43%
Short-term debt   Short-term	Total debt to assets ratio	0.24	0.22	0.18	0.27	
% change         -24.74%         -13.08%         3.33%         -17.32%         1.59%           Short-term debt \$         \$176,155         \$3,415         \$4,124         \$166,861         \$169,314           % change         5,058.27%         -17.19%         -97.53%         -1.45%         1,265.66%           Short-term debt % of total debt         100.00%         1.60%         2.06%         48.52%         64.23%           % change         6,167.63%         -22.46%         -95.76%         -24.46%         986.25%           Short-term debt % of working capital         -108.49%         3.19%         4.07%         -1,381.99%         -1,402.77%           % change         -3,497.95%         -21.54%         100.29%         1.48%         -12,830.21%           % change         9%         -12.37%         5.74%         -2.88%           Total liabilities to equity ratio         Short-term debt         18.87         17.09         5.93           % change         9%         -12.37%         5.74%         -2.88%           Total liabilities to tangible net worth ratio         working capital         n/a         n/a         17.97           % change         10.41%         188.10%         50.12%         -3.53%         -3.53%         <						
Short-term debt \$         \$176,155         \$3,415         \$4,124         \$166,861         \$169,314           % change         5,058.27%         -17.19%         -97.53%         -1.45%         1,265.66%           Short-term debt % of total debt         100.00%         1.60%         2.06%         48.52%         64.23%           % change         6,167.63%         -22.46%         -95.76%         -24.46%         986.25%           Short-term debt % of working capital         -108.49%         3.19%         4.07%         -1,381.99%         -1,402.77%           % change         -3,497.95%         -21.54%         100.29%         1.48%         -12,830.21%           % change         96.107         \$1,048,552         \$1,196,516         \$1,131,526           % change         96.23%         10.41%         188.10%         50.12%           Total liabilities to equity ratio         96.23%         10.41%         188.10%         50.12%           % change         10.41%         188.10%         50.12%         50.12%           Total liabilities to tangible net worth ratio         96.25%         10.41%         188.10%         50.12%           % change         10.41%         10.41%         10.41%         10.41%         10.41%	Tangible assets \$					
% change         5,058.27%         -17.19%         -97.53%         -1.45%         1,265.66%           Short-term debt % of total debt         100.00%         1.60%         2.06%         48.52%         64.23%           % change         6,167.63%         -22.46%         -95.76%         -24.46%         986.25%           Short-term debt % of working capital         -108.49%         3.19%         4.07%         -1,381.99%         -1,402.77%           % change         -3,497.95%         -21.54%         100.29%         1.48%         -12,830.21%           % change         916,107         \$1,048,552         \$1,196,516         \$1,131,526           % change         9%         -12.37%         5.74%         -2.88%           Total liabilities to equity ratio         Short-term debt         18.87         17.09         5.93           % change         10.41%         188.10%         50.12%           Working capital         n/a         n/a         -83.53%           Total liabilities to tangible net worth ratio         was negative in 3         n/a         n/a         -83.53%           Total debt to EBITDA ratio (annualized)         0 fthe last 5         10-0         10-0         10-0	•					
Short-term debt % of total debt         100.00%         1.60%         2.06%         48.52%         64.23%           % change         6,167.63%         -22.46%         -95.76%         -24.46%         986.25%           Short-term debt % of working capital         -108.49%         3.19%         4.07%         -1,381.99%         -1,402.77%           % change         -3,497.95%         -21.54%         100.29%         1.48%         -12,830.21%           % change         9%         -12.37%         5.74%         -2.88%           Total liabilities to equity ratio         Short-term debt         18.87         17.09         5.93           % change         10.41%         188.10%         50.12%           Total liabilities to tangible net worth ratio         working capital         n/a         n/a         -83.53%           Total debt to EBITDA ratio (annualized)         of the last 5         10-0         10-0         10-0         10-0	Short-term debt \$		\$3,415		\$166,861	
% change         6,167.63%         -22.46%         -95.76%         -24.46%         986.25%           Short-term debt % of working capital         -108.49%         3.19%         4.07%         -1,381.99%         -1,402.77%           % change         -3,497.95%         -21.54%         100.29%         1.48%         -12,830.21%           Total liabilities \$         906,107         \$1,048,552         \$1,196,516         \$1,131,526           % change         90%         -12.37%         5.74%         -2.88%           Total liabilities to equity ratio         Short-term debt as a percentage of working capital working capital was negative in 3 of the last 5         10.41%         188.10%         50.12%           Working capital was negative in 3 of the last 5         n/a         n/a         n/a         n/a						
Short-term debt % of working capital   -108.49%   3.19%   4.07%   -1,381.99%   -1,402.77%     % change   -3,497.95%   -21.54%   100.29%   1.48%   -12,830.21%     % change   -12.37%   5.74%   -2.88%     % change   -1,402.77%     % change   -1,403.52%     % change   -1,237%   5.74%     % change   -1,403.52%     % chang	Short-term debt % of total debt			2.06%		
## change   -3,497.95%   -21.54%   100.29%   1.48%   -12,830.21%   ## fotal liabilities \$   916,107   \$1,048,552   \$1,196,516   \$1,131,526   ## change   -12.37%   5.74%   -2.88%   ## fotal liabilities to equity ratio   Short-term debt   as a percentage of working capital   was negative in 3   n/a   n/a   n/a   n/a   ## fotal debt to EBITDA ratio (annualized)   Total debt to EBITDA ratio (annualized)   10-0   10-0   10-0   ## fotal liabilities to tangible net worth ratio   10-0   10-0   10-0   ## fotal liabilities to equity ratio   -12,830.21%   ## fotal liabilities to equity ratio   5.74%   -2.88%   -2.88%   -2.37%   5.74%   -2.88%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   5.74%   -2.88%   -2.37%   -2.37%   5.74%   -2.88%   -2.37%   -2.37%   5.74%   -2.88%   -2.37%   -2.37%   -2.37%   -2.88%   -2.37%   -2.37%   -2.37%   -2.37%   -2.88%   -2.37%   -2.37%   -2.37%   -2.88%   -2.37%   -2.37%   -2.88%   -2.37%   -2.37%   -2.88%   -2.37%   -2.37%   -2.37%   -2.88%   -2.37%   -2.						
Stotal liabilities \$         \$1,048,552         \$1,196,516         \$1,131,526           % change         -2.88%           Total liabilities to equity ratio         Short-term debt as a percentage of working capital was negative in 3 of the last 5         10.41%         188.10%         50.12%           Indal debt to EBITDA ratio (annualized)         was negative in 3 of the last 5         n/a         n/a         n/a	Short-term debt % of working capital					
Short-term debt as a percentage of working capital was negative in 3 of the last 5  **Change*  Short-term debt as a percentage of working capital was negative in 3 of the last 5  **Change*  Short-term debt as a percentage of working capital was negative in 3 of the last 5  **Change*  10.41% 188.10% 50.12% 17.97  10.41% 188.10% 50.12% 17.97  10.41% 188.10% 50.12% 10.90  10.41% 188.10% 10.90  10.41% 188.10% 50.12% 10.90  10.41% 188.10% 10.90  10.41% 188.10% 10.90  10.41% 188.10% 10.90  10.41% 188.10% 10.90  10.41% 188.10% 10.90  10.41		-3,497.95%				-
Short-term debt as a percentage of working capital was negative in 3 of the last 5  Short-term debt as a percentage of working capital was negative in 3 of the last 5  Short-term debt as a percentage of working capital was negative in 3 of the last 5	Total liabilities \$	(tr				
as a percentage of working capital was negative in 3 of the last 5  10.41% 188.10% 50.12% 18.10% n/a n/a 17.97  10.41% 188.10% 50.12% n/a						
Fotal liabilities to tangible net worth ratio % change  Working capital was negative in 3 of the last 5  Na  n/a n/a n/a n/a -83.53% n/a n/a n/a n/a n/a 17.97	Total liabilities to equity ratio	Short-terr	n debt			
% change was negative in 3 n/a n/a -83.53% fotal debt to EBITDA ratio (annualized) of the last 5	9				188.10%	
% change was negative in 3 n/a n/a -83.53% fotal debt to EBITDA ratio (annualized) of the last 5 n/a n/a n/a n/a n/a n/a n/a	Total liabilities to tangible net worth ratio	working c	apital	n/a	n/a	
Fource: n/a n/a n/a n/a source: 10-0 10-0 10-0	9			n/a	n/a	-83.53%
Source: 10-0 10-0 10-0	Total debt to EBITDA ratio (annualized)			•		n/a
	Source:			-	7	•
quarters 8 8/9/2018 5/8/2018 8/9/2018		quarto	8	8/9/2018	5/8/2018	8/9/2018

## **QUARTERLY LIQUIDITY RATIOS AND RATES OF RETURN**

Working capital turns drastically negative	Liquidity Ratio	os - Sequen Isands of U.S. Doll			Meager ash, quick, & current ratios
Period Ended	12/31/2018	9/30/2018	6/30/2018	3/31/2018	12/31/2017
Current assets \$	\$549,619	\$650,365	\$672,771	\$722,112	\$732,257
% change	-15.49%	-3.33%	-6.83%	-1.39%	-3.65%
% of short-term debt	312.01%	19,044.36%	16,313.55%	432.76%	432.48%
Current liabilities \$	\$711,989	\$543,407	\$571,433	\$734,186	\$744,327
% change	31.02%	-4.90%	-22.17%	-1.36%	14.95%
Working capital \$	(\$162,370)	\$106,958	\$101,338	(\$12,074)	(\$12,070)
% change	-251.81%	5.55%	939.31%	-0.03%	-110.73%
% of sales (annualized)	-18.21%	9.07%	8.70%	-1.19%	-0.91%
Cash \$	\$43,228	\$32,488	\$28,512	\$37,382	\$43,724
% change	33.06%	13.95%	-23.73%	-14.50%	-11.45%
% of short-term debt	24.54%	951.33%	691.37%	22.40%	25.82%
Cash ratio	0.06	0.06	0.05	0.05	0.06
% change	1.51%	19.84%	-1.96%	-13.29%	-23.07%
Quick assets \$	\$284,547	\$296,975	\$302,306	\$389,296	\$373,950
% change	-4.18%	-1.76%	-22.35%	4.10%	-13.85%
% of short-term debt	161.53%	8,696.19%	7,330.41%	233.31%	220.86%
Quick ratio	0.40	0.55	0.53	0.53	0.50
% change	-26.86%	3.31%	-0.23%	5.53%	-25.06%
Current ratio	0.77	1.20	1.18	0.98	0.98
% change	-35.50%	1.66%	19.69%	-0.02%	-16.19%
Source:	10-K 4/2/2019	10-Q 11/8/2018	10-Q 8/9/2018	10-Q 5/8/2018	10-Q 8/9/2018

Unable to generate			_	_	
any positive returns	Rate of Return -	Sequentia ds of U.S. Dollar			
Period Ended	3 mos 12/31/2018	3 mos 9/30/2018	3 mos 6/30/2018	3 mos 3/31/2018	3 mos 12/31/2017
Return on equity	n/a	-190.24%	-379.69%	-63.15%	-36.46%
% change	n/a	49.90%	-501.23%	-73.21%	-33.21%
Return on net tangible equity	n/a	n/a	n/a	-191.28%	-1,006.54%
% change	n/a	n/a	n/a	81.00%	-310.99%
Return on total assets	-27.22%	-10.19%	-22.42%	-9.30%	-7.73%
% change	-167.02%	54.53%	-140.98%	-20.43%	-2.97%
Return on tangible assets	-30.03%	-11.08%	-26.47%	-11.04%	-9.07%
% change	-170.98%	58.14%	-139.79%	-21.72%	5.12%
Source:	10-K 4/2/2019	10-Q 11/8/2018	10-Q 8/9/2018	10-Q 8/9/2018	10-K 4/2/2019

## **ANNUAL STATEMENT OF CASH FLOWS**

	•								
				-					
			100						
ment of Casi	h Flows - An	nual - Stand	ardized						
Statement of Cash Flows - Annual - Standardized (Thousands of U.S. Dollars)									
12 mos	12 mos	12 mos	12 mos	12 mos					
12/31/2018	12/31/2017	12/31/2016	12/31/2015	12/31/2014					
	Restated	Restated		Restated					
	12/31/2018	12/31/2018		12/31/2015					
(\$724,857)	(\$379,015)	(\$115,082)	\$19,337	(\$26,162)					
32,003	40,138	39,583	34,932	32,436					
98,060	50,304	(9,000)	(32,121)	(42,023)					
245,926	149,834	55,916	48,122	117,616					
79,933	(55,583)	22,395	74,912	(104,988)					
(268,935)	(194,322)	(6,188)	145,182	(23,121)					
vitios									
	(14.070)	(00.450)	(05.007)	(16.107)					
				(16,197)					
184,098	(49,050)	(107,700)	(10,455)	(132,434)					
179 225	(63 934)	(190 216)	(45.852)	(148,631)					
,220	(00,704)	(170,210)	(40,002)	(.40,001)					
ivities:									
(25,646)	(16,084)	(246)	80,098	216,204					
247,570	(17,641)	(78,410)	(25,408)	0					
	•		•						
(139,312)	239,850	(4,774)	(1,080)	(4,538)					
82,612	206,125	(83,430)	53,610	211,666					
(2,320)	6,632	(7,306)	(6,407)	(12,573)					
(9,418)	(45,499)	(287,140)	146,533	27,341					
69,697	115,196	402,336	218,659	191,318					
\$60,279	\$69,697	\$115,196	\$365,192	\$218,659					
\$18,411	\$11,953	n/a	n/a	n/a					
\$3,690	(\$10,889)	(\$10,781)	\$15,008	n/a					
Deloitte &	Deloitte &	Deloitte &	Deloitte &	Deloitte &					
LOUICNA LLD	Touche LLP	Touche LLP	Touche LLP	Touche LLP					
	Unavalified	Hamalified	Hannelified	Hanvalified					
Unqualified 10-K	Unqualified 10-K	Unqualified 10-K	Unqualified 10-K	Unqualified 10-K					
	(The 12 mos 12/31/2018 ivities: (\$724,857) 32,003 98,060 245,926 79,933 (268,935) vities: (5,473) 184,698 179,225 ivities: (25,646) 247,570 (139,312) 82,612 (2,320) (9,418) 69,697 \$60,279 \$18,411 \$3,690	ment of Cash Flows - An	ment of Cash Flows - Annual - Stand (Thousands of U.S. Dollars)  12 mos	Thousands of U.S. Dollars    12 mos					

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