



**National Association
of Steel Pipe Distributors**

Ethics & The Role Of Critical Thinking

February 21, 2025

Presented By: Bill Kotcher

President, Tioga Pipe





Legal Disclaimer & Copyright

The Views And Opinions Express In This Presentation Are Those Of The Author. Any Content Provided By Referenced Studies Or Materials Are Of Their Opinion. Nothing In This Material Is Intended To Malign Any Group, Organization, Company, Publication, Individual, Anyone Or Anything.

This Presentation And Its Contents Are Solely The Property Of Bill Kotcher And Are Not To Be Reproduced Or Shared, In Any Form, Without Having Prior Written Consent. All Rights Reserved.



**National Association
of Steel Pipe Distributors**

Ethics & Link to Critical Thinking



Ethics & Morals

Ethics

1. moral principles that govern a person's behavior or the conducting of an activity.
2. branch of knowledge that deals with moral principles.

Morals

1. a lesson, especially one concerning what is right or prudent, that can be derived from a story, a piece of information, or an experience.
2. a person's standard of behavior or beliefs concerning what is and is not acceptable for them to do.



Source: Merriam Webster

How Do you Drive?

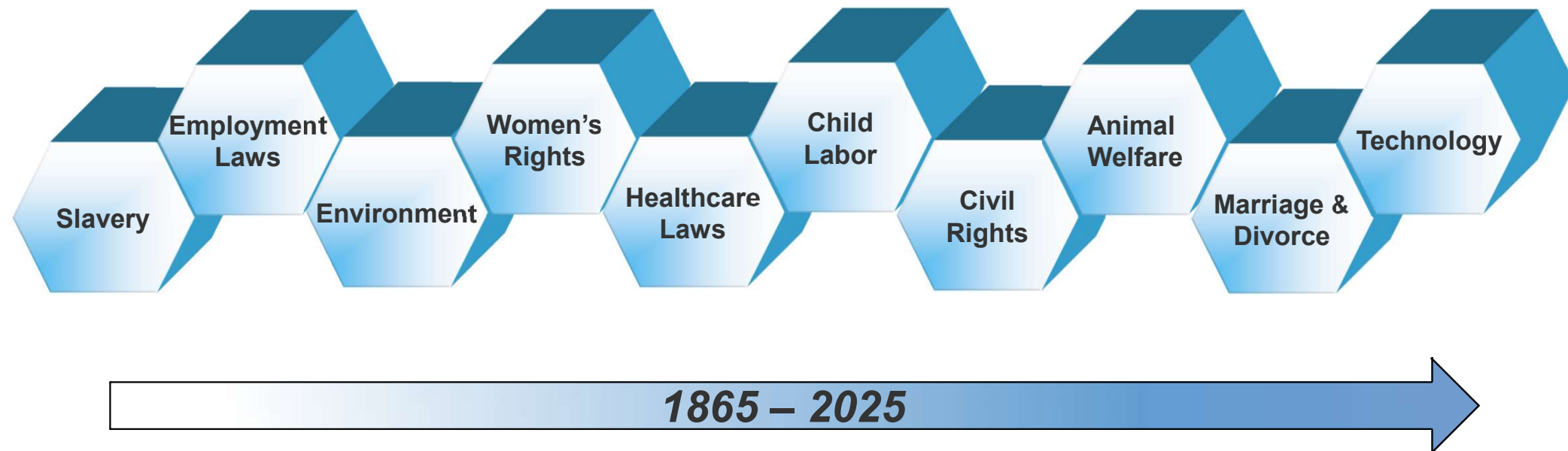
Moral Principles

- Driver = Ethics
- Driving = Morals'

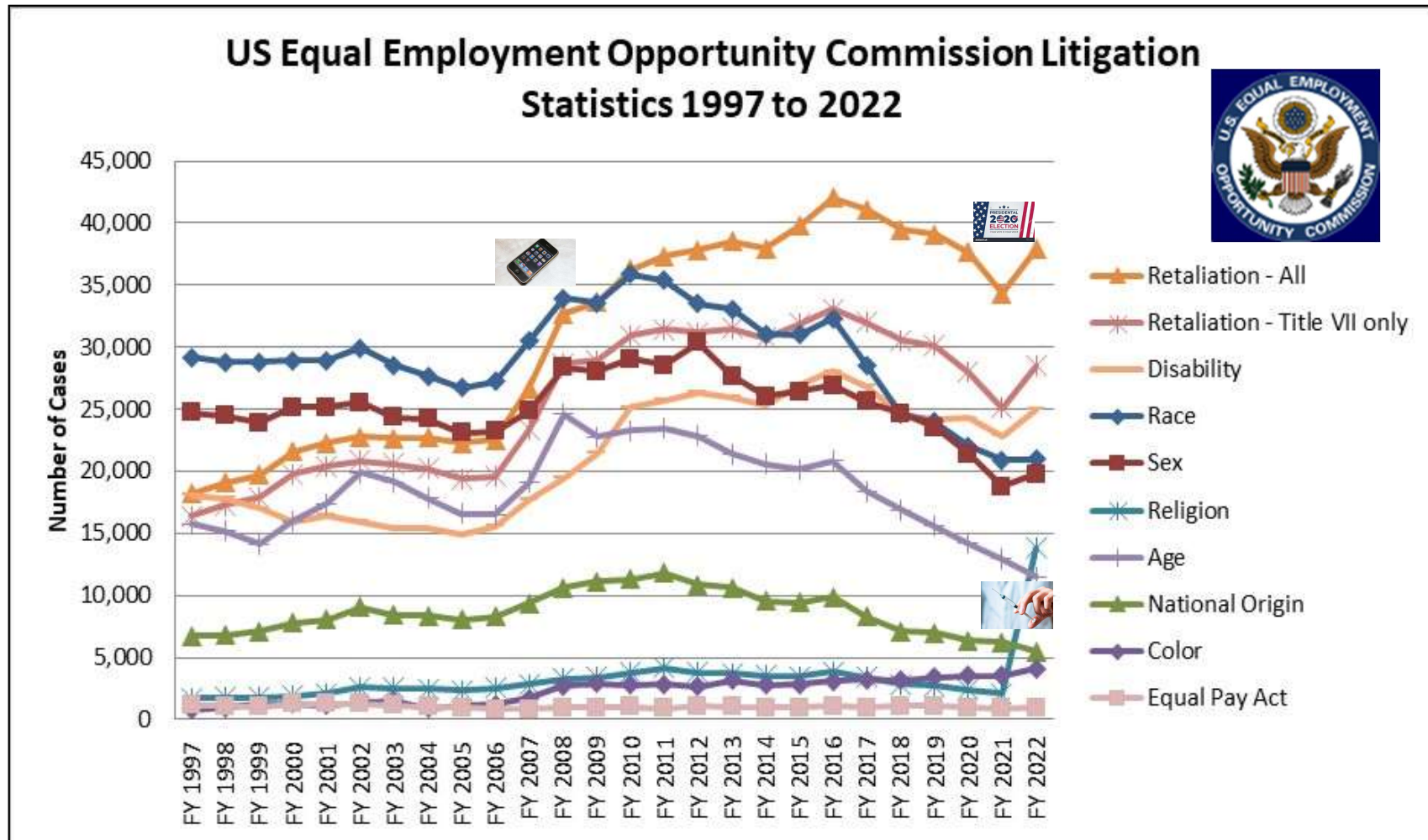


Ethics and Moral Principles Change

- Prevailing Standard Of Behavior That Enable People To Live Cooperatively In Society*
- What Societies Deem Right And Acceptable
- Historically Closely Related To Religion, Culture, Traditions, Family
- Morality Is Not Fixed. Apply To Specific Group At A Specific Point In Time



Business Impact



Source: U.S. Equal Employment Opportunity Commission 1-2023



**National Association
of Steel Pipe Distributors**

Ethics, Change & Link To Critical Thinking

Critical Thinking

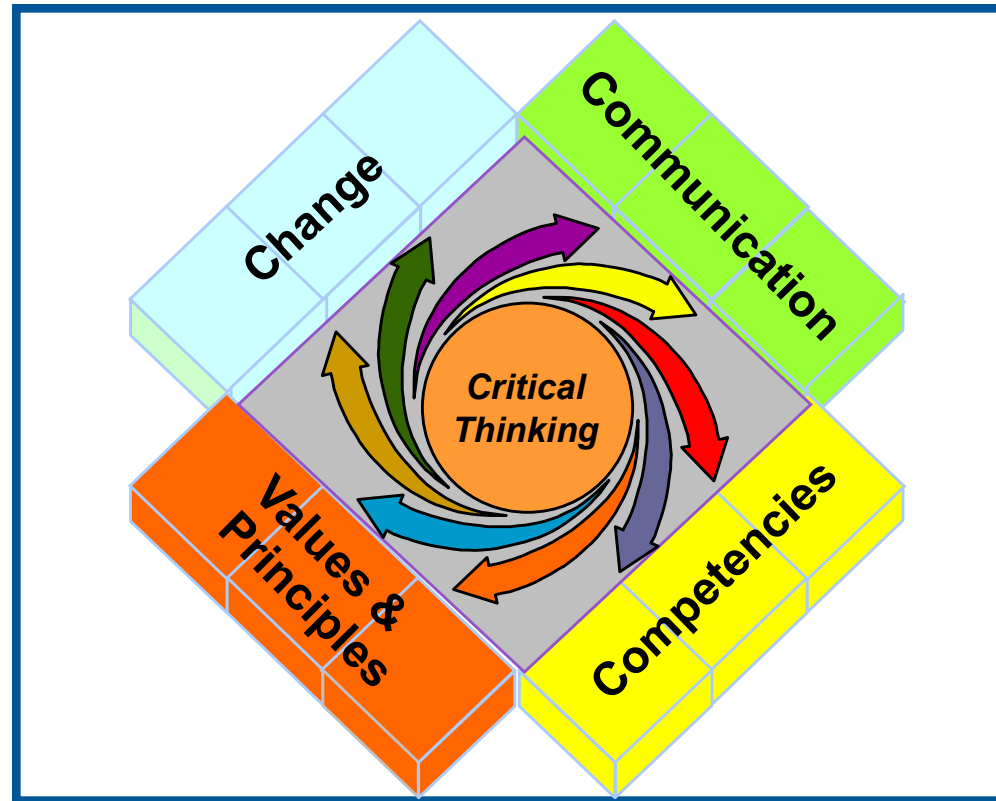
- **Merriam Webster Definition:** the act or practice of thinking critically (as by applying reason and questioning assumptions) in order to solve problems, evaluate information, discern biases, etc.
- **Ethical Implication Definition:** ability to gather, process, validate, question, and conceptualize; facts from fiction, rule vs. best practice, validity vs. availability, and truth from opinion with thoughts supported by the rationality of statistics and a “why” vs. “what” mentality.

OR

- **Highly Technical Definition:**



Role & Impact of Critical Thinking



Living In Times of Faster Social Change

- Globalization
- Changing Demographics
- Technology, AI & Cyber Security
- Information Accessibility
- Financial Markets
- Communication Process/Channels



Communication Process & Channels

Social Platform	2024 Users	2024 Volume	Increase Since NASPD 2019
Facebook 	3.0 Billion	350M Photos Per Day	36.36%
Twitter 	368 Million	500M Tweets Per Day	12.88%
Instagram 	2 Billion	100M Photo & Video Per Day	566.67%
LinkedIn 	830 Million	2M Post A Day	44.35%
Snapchat 	800 Million	Over 5 Billion Per Day	266.97%

Data As Of 9-2024

Fun Facts:

- 93% Of Business Leaders Agree Social Media Data And Insights Will Be A Primary Source Of Business Intelligence Moving Forward.
- Estimated 20-30% Of Employment Lawsuits Now Involve Social Media Activity.



Critical Thinking & Ethics

Changes In Core Beliefs- Values & Principles

Values Important to Them	1998	2023
Patriotism*	70%	38%
Religion	62%	39%
Money	31%	43%
Having Children	60%	30%
Views	2018	2022
Tolerance	80%	58%
Community Involvement	60%	27%
<i>*Only 23% believe age of 30</i>		

Cultural Impact

- Independent Vs. Interdependence
- Trust
- Fact From Feeling

Source: Wall Street Journal 3-27-2023, 2021 Edelman Trust Barometer Report , Gallop 2023

Competency: New Concepts & Best Practices



=

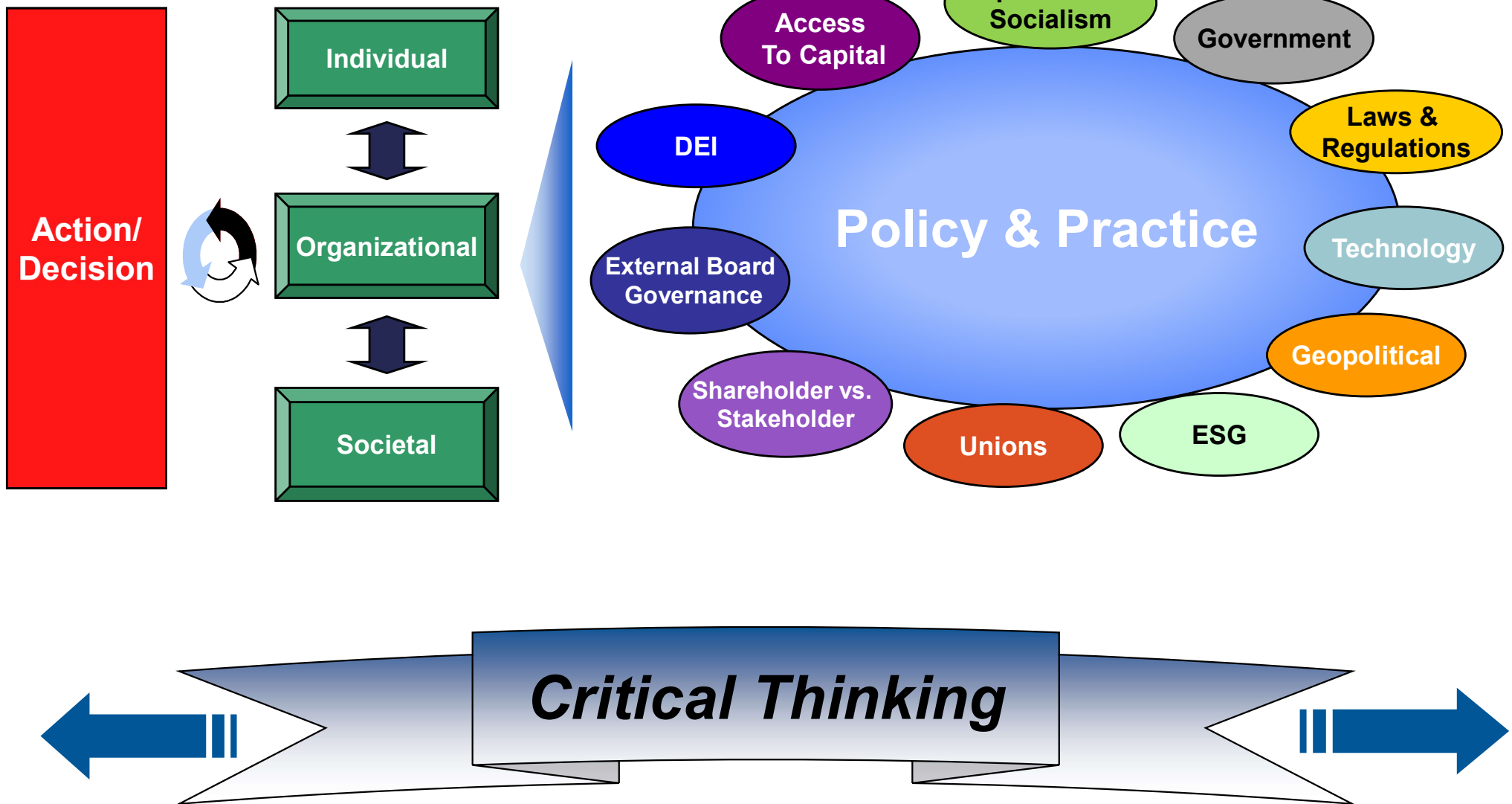
*Annual Number Of
New Titles
Published Has
Grown More Than
10X
In Past Sixteen
Years*

3 Top Reasons Self Publishing Beats Traditional Publishing

1. No Gatekeepers
2. Quicker to Market
3. More Control Over the Product

Leadership, Ethics & Critical Thinking

Ethical Context



The “EXPERT” and Critical Thinking



Just The “FACTs”



Critical Thinking: ESG

Just The “FACTs”



Just The FACTs:

The “Just 100”: An Annual Ranking Of America's Largest Publicly Traded Companies On Issues That Define “Just” Business Behavior And Reflect The Priorities Of The American Public.

Claim: Companies That Ranked Highly On Purpose And Serving Society Produced 56 Percent Higher Total Shareholder Returns Over Five Years.

- 27% Technology
- 17% Finance
- 15% Healthcare/Pharma
- 15% Energy/Utility
- 10% Consumer Product
- 8% Manufacturing
- 7% Insurance
- 1% Transportation



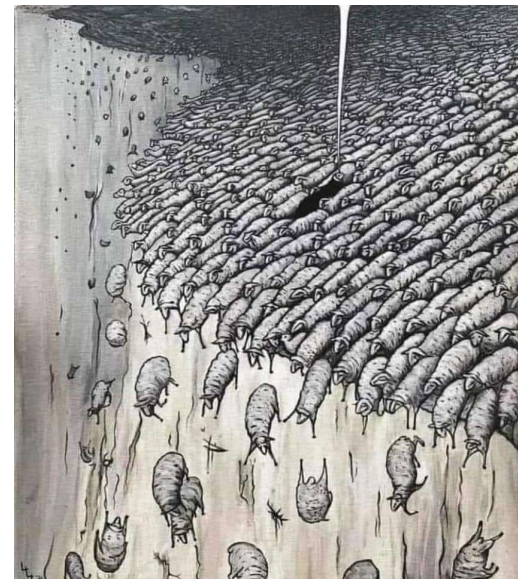


**National Association
of Steel Pipe Distributors**

Considerations & Actions

Considerations and Tools

- Time $\neq$ Experience
- Experience $\neq$ Expertise
- Define Generalizations
- Statistical Validation
- In Person/Non-Verbal
- Correlation Vs. Cause
- Listen to Language





Critical Thinking Outcomes

Critical Thinking & Ethical Benefits

- Separate People From Issues
- Seek A Quantitative Outlook
- Clarifies Thinking
- Facilitates Learning
- Builds Creditability
- Make A Difference
- Business Strategy + Ethics = Higher Performance & Legal Compliance

$$\sqrt{\frac{2 * A * C_p}{Ch}}$$

Critical Thinking & Ethics





**National Association
of Steel Pipe Distributors**

THANK YOU

Contact Information:

LinkedIn: Bill Kotcher

Email: bkotcher@tiogapipe.com