

conditions, the amount of Ambition, Energy, and Success of any individual, would depend solely on the resistance of the respective lamps, or in other words Energy and Ambition are measured by resistance. In a similar way the entire system may be analyzed with respect to the industry and the progress made therein.

Referring once more to the individual, it is the aim of the Institute to produce and develop qualified engineers.

Dr. Mann has compiled from replies of seven thousand engineers, the following list of qualities and their respective weights, the summation of which total one hundred per cent. This list is considered a standard by the greater proportion of successful engineers.

1. Character	24.00%
Personality.	
Responsibility	
Physique and Neatness.	
Honesty.	
Decision.	
Originality	
Tact.	
Initiative.	
Resourcefulness.	
Enthusiasm.	
Reliability.	
Attitude.	
2. Judgment	19.50%
Common Sense.	
Scientific Attitude	
Open-mindedness.	
Perspective.	
3. Efficiency	16.50%
Thoroughness.	
Accuracy.	
Industry.	
System.	
Analysis.	
4. Understanding of men	15.00%
Executive ability.	
Practical Psychology.	
Open-mindedness.	
5. Knowledge	15.00%
Knowledge of fundamentals of engineering science.	
English.	
Ability to express one's self.	
Ability to impart knowledge.	
6. Technique	10.00%
Execution in business and in practice.	
Technical ability.	
	<hr/>
	100.00%

It is sincerely hoped that after careful consideration on the reader's part, this article will aid him in appreciating and understanding to the fullest extent, the benefits derived from affiliation with such an organization.

WALTER M. SEYFERLICH.

Two Hundred Sixteen