

Education, Training, Certification, how to Be Successful

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Abstract

What does it makes NDT laboratory or any project automatically as “success story”? Is it financial stability? Or having highly trained and certified personnel (Level 3)? Or compliance with various International and ISO standards?

What does it make people or companies or countries as “success” or “failure”?

The “Success Story” is not just compliance with specific ISO or money but “the way of live”, this is what do you do with it, what do you give back? How are your team-work, integrity and respect to others? Do you enjoy what you are doing?

Right attitude, dedication – those are some of parameters for really success story

And what is the difference between success and “A” success?

Key words: NDT (Non-Destructive Testing), Success, Parameters, Attitude.

1. Introduction

From Oxford Dictionary “Success is a favourable outcome, doing what was desired or attempted”. But what is the difference between success and the real or “A” success?

What is important for success? What is necessary for success of NDT Lab (or any Lab??)

Trained personnel based on ISO9712? Or Certification scheme as per ISO17024?

Managing your facility to QMS and ISO17025? Or ISO9001?

If you have all this and above, will this automatically makes you “A” successful????

This is a philosophical view on difference between just success and “A” success.

This is a personal opinion based on a rich experience working at IAEA, UN (and supported by many top experts and colleagues from IAEA) with many countries around the world, facing different cultures, attitudes and success (or failure).

2. Summary of life experience

Having over 30 years experience in NDT, QA and project managements working with typical industries where NDT is largely used in routine inspection include power generation; aerospace; transport (road, rail, sea and air); oil- and gas-exploration, pumping, refining and distribution; petrochemicals; heavy mechanical fabrication; electronics and defense productions – this is what I think.

Worth to remember. NDT is a tool for quality and can not be separated or divided. It has played a significant role in improving product quality, safety and reliability. The most logical quality system applicable to NDT organization is ISO 17025. NDT training requirements are fully covered by ISO 9714 and certification by ISO17024

3. Philosophy of success, personal opinion

What is the success? What is making some people, companies, countries more successful than others? How long last your success (short term or long term)? How do you deal with what has been already achieved? Does the success is purely for your personal benefits?

What is your contribution to the society or humanity? What is the real goal you try to succeed (to achieve)? Very important question – what is the price for your success?

So many questions and no single answer.

Many sad (or tragic) stories around the world when money was (is) the main focus to measure success. 1993 – Malaysia, a roof collapsed, 4 died, 1995 – Republic of Korea, supermarket collapsed, over 100 died, 1996 – Indonesia, a bridge collapsed, 3 died, 2004 – Moscow, Aqua-park new roof collapsed, over 70 died, 2006 – Turkey, high speed train was derailed, Over 30 people died. Should we continue??? All these tragic events (around the world) have one thing in common – money, profit. To say “I was successful, I made a good business” Was it?

And always remember the Golden Triangle of Quality (quality, time, money – you can choose only 2 of them).

So, what is necessary for success of NDT Lab (or any Lab or any business)? Trained personnel based on ISO9712? Certification scheme as per ISO17024? Managements of activities to QMS based ISO17025? If you have all this and above, will this make you “A” successful???? Clients satisfaction? –yes; Compliance with International codes? – yes; Certified staff (Level 2 and 3), QMS – yes; The car you driving? –maybe.

The difference between the successful and not successful (which makes people poor and rich) is not the age, or geography or history. Many of my colleagues, senior IAEA experts who communicate with their counterparts (contacts) in developing countries had confirmed that there is NO significant intellectual difference. It is not necessary dependant on the available natural resources.

So what is the difference? **The positive attitude, dedication, sharing** built over the years supported by education and culture!!

To my opinion, to be a really “A” success you need as a minimum to have the follows

- Devotion
- What you have
- Do you keep it for yourself?
- Sharing the know how
- Contribution to society
- Leadership
- Passion
- Strive for stars
- Be a star

You have to face challenges. In less developed countries only a handful followed these basic rules. These countries are poor not because of the lack of resources or because nature did not cooperate or (you can choose any additional excuse)

They are poor because of a lack of drive for success or only they are looking for money!!

10 recommended rules to be a star which take you to be “A” success

1. Think – it is the source of success.
2. Hard work– is the price of success.
3. Have a dream – it is the bridge to success.
4. Strive for better, Make a plan from dream to reality.
5. Team-work, success can’t be achieved without it.
6. Communication.
7. Integrity and Ethics.
8. Responsibility for own actions.
9. Respect others.
10. Have fun!! find out how!!!!

How to do it?

- Don’t blame others, be creative.
- NO idea is a bad idea.
- Have a strategic plan, define top requirements or restrictions in your country.
- Take risks, don’t jump too far.
- NO criticism allowed.
- Learn and teach.
- Trust and have faith in yourself.
- No mañana, no delays, no stories.

Some additional things worth to remember

- Technology (new) develops a business.
- Business (should!!!!) develop the research.
- Research develops a Technology.
- State should be involved (infrastructure, legislation, etc.)

7. Conclusions

The difference between success and “A” success is not how much profit you makes, not what you have but what do you give back! How much you go beyond the money, how much you did for development, education, how many you inspired to be like you (not the status!)

References

- Life experience
- Work experience with over 80 countries around the world (developed and developing
- Discussions with friends and colleagues (NDT experts and top level experts)