

22 YEARS

Certech is now celebrating 22 years of providing registration services. With a continued focus on customer satisfaction.



resource depletion

- ✚ Geographic spread (local impact or global)

ISO 14001:2015 - aspects must be considered using a lifecycle philosophy, Product is an important part of the environmental system. What must be considered...

- ✚ Raw materials selection and energy usage
- ✚ Transportation
- ✚ On site activities (includes any outsourced activities or materials)
- ✚ Product impact (resource depletion, pollution, waste,)
- ✚ Product disposal

EXTRACT FROM - CERTECH REGISTRATION NEWS

FEATURED PROCESS

ISO 14001 Aspects Analysis...

“Significant Environmental Aspect” is a commonly misunderstood term (some organizations believe they have no significant impacts), significance is in context of the scope of the activities of an organization, what is significant for one organization may be insignificant to another. Significance is simply a way to prioritize the important few aspects from the many identified.



Identification of aspects and their prioritization (activities that can have a positive or negative impact on the environment) is the foundation for any environmental management system. This requirement is not new. Basing a system on incorrect significant aspects will yield no value. Often, we see over complex or over simplified tools used which are based upon a quality tool known as a Process Failure Mode Effect Analysis (PFMEA).

PFMEAs typically look something like this...

$$\text{Impact} * \text{Legislation} * \text{Frequency} * \text{Controls} = \text{Priority (RPN)}$$

(Such as $10 * 3 * 4 * 1 = 120$)

When using a modified PFMEA process to identify significant aspects we often see organizations using the resultant Risk Prioritization Number (RPN) as the significance of an aspect/activity. The RPN number is not the significance – it is an identified risk level associated with the significant impact and if applied correctly is a great way of applying Risk Based Thinking (RBT) to eliminate, reduce or control identified significant aspects.

The severity of an impact defines its significance (not the RPN). The severity of impact is affected by...

- ✚ Existence of a pollutant (toxic and volume) – or – Use of large volumes of resources
- ✚ Method for pollutant to migrate to the environment – or - Is the resource being depleted (nonrenewable)
- ✚ The existence of receptors that can be impacted by the pollutant – or – The effect of the

resource depletion

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