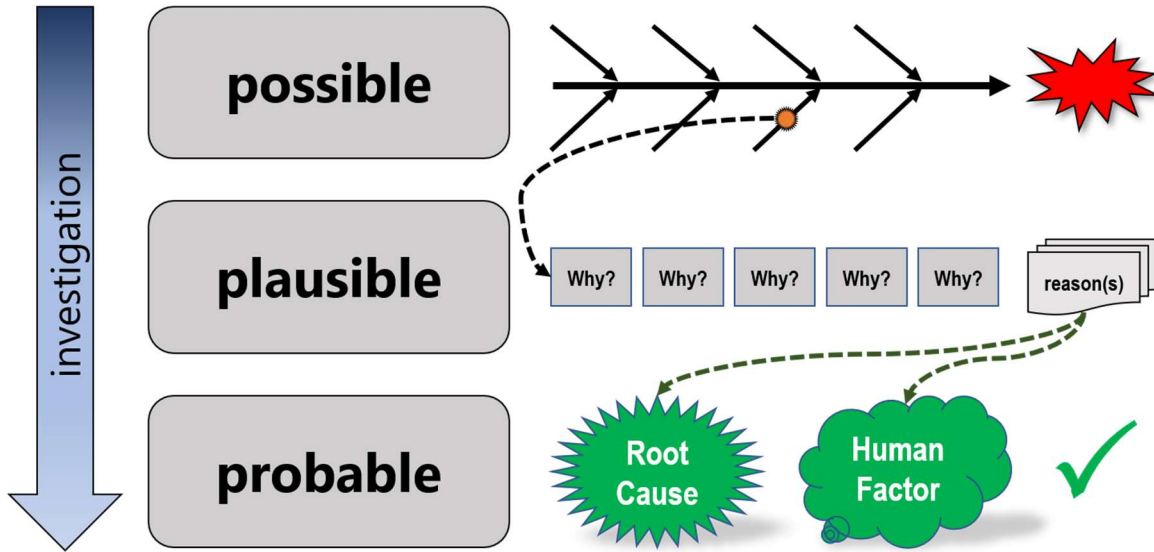


Human factors in manufacturing

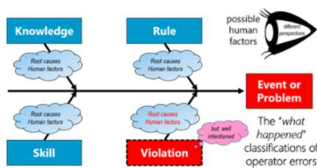
Dr David Scrimshire – TEC Transnational Ltd

<https://tectransnational.com>

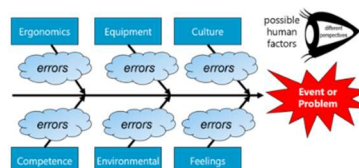
We've all heard the excuse: "it's down to human error" with the assumption that there's nothing we can do about it. However, when any type of safety/quality issue was caused by a person doing something incorrectly, there will be a deeper root cause of the incident. These precursors or preconditions are referred to as human factors.



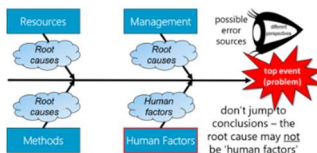
TEC's unique e-Learning course focuses on understanding why human errors occur in manufacturing operations, selecting and using the appropriate 'model' to search for root cause(s), finding and proving the true cause(s) which are the human factors.



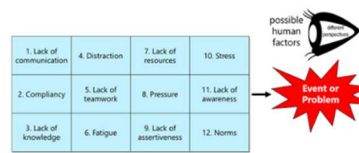
Jens Rasmussen
Types of Human Error



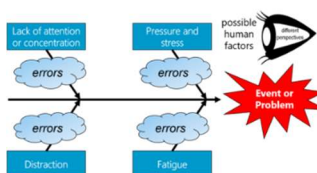
SCMH Human Factors Categories



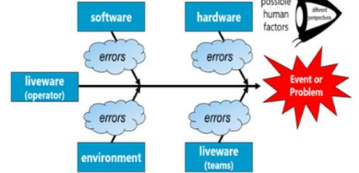
IAQG General Nonconformity Codes (PEAR)



SCMH Human Factors Categories

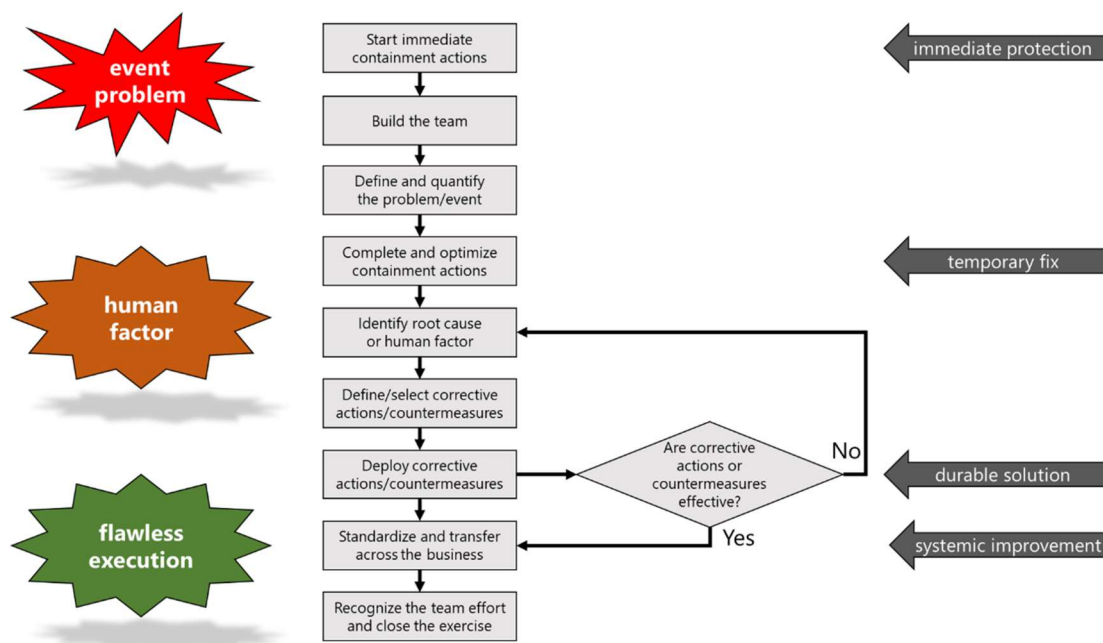


IAQG Human Factors Codes

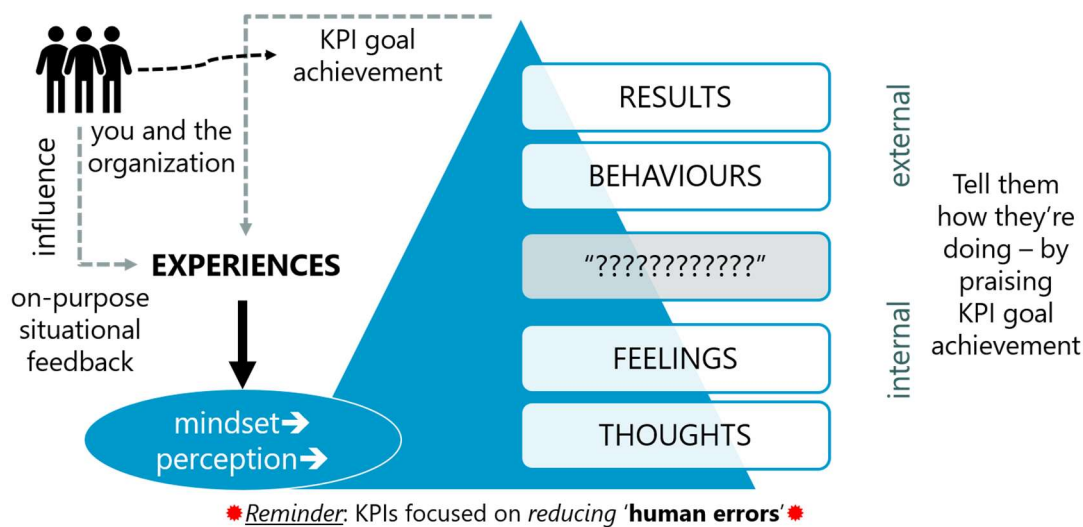


SHELL Model

With the human factors identified and proved, attention is switched to devising, implementing and validating effective 'controls' (barriers) to prevent or mitigate the human errors and their consequences for downstream operations, the customer or the end-user.



You will also learn how to harness 'practical psychology' to help motivate staff to do the right thing, first time and every time – and strive for continual sustainable improvement.



The e-Learning course covers in detail everything that is needed to develop and implement effective processes to address human factors in the manufacturing environment.