

Ergonomic Optimization of the Series Production at Volkswagen Plant Emden

- Check and update of all ergonomic evaluations throughout the entire assembly shop of Passat B8 and Passat CC using AP-Ergo and EAWS method
- Introducing evaluation standards for a more efficient and reliable assessment of similar tasks
- Process improvement workshops for optimizing ergonomically critical work stations in collaboration with Production, Planning, Logistics and I.E. dept.
- Support for improving the line balancing in order to reach a better balance of ergonomic strains across work stations (“Kleinteiliges Takten“)
- Development and support for implementation of ergonomic improvement measures
- Support for re-integrating restricted and partially disabled employees in series production process by means of ergonomic work design

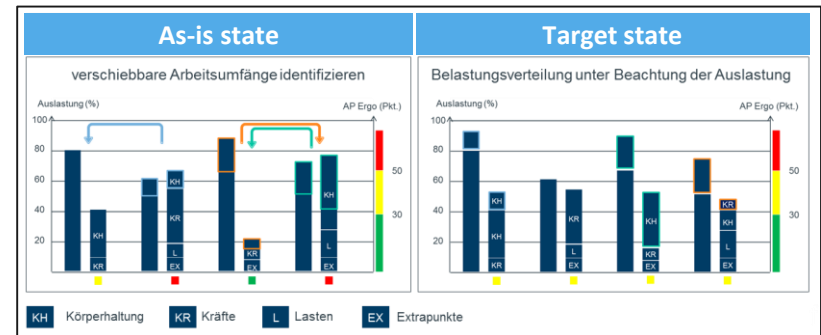


Fig.1: Methodology of ergonomic line balancing (“Kleinteiliges Takten“)

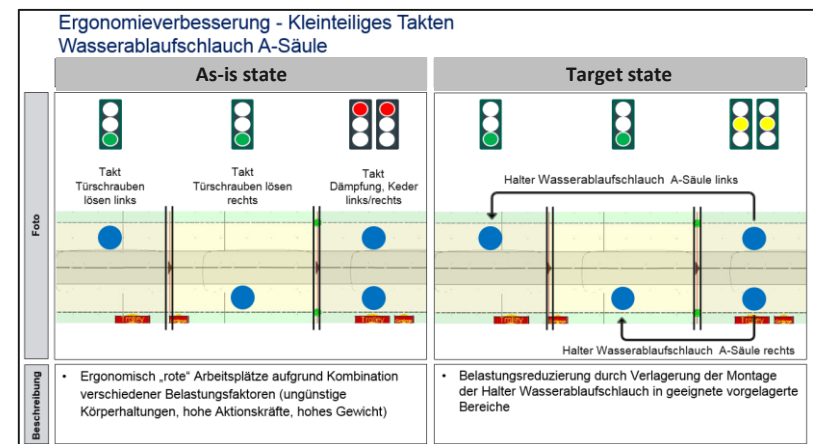


Fig. 2: Example of ergonomic line balancing (Water drain hose at A-pillar)