

The current main goal of production systems is to constantly explore new technologies and solutions for implementation insufficient processes that gain flexibility in assembly lines. An important approach to a proper investigation in this respect is the analysis of human interaction with the workplace and related activities, or in other words ergonomic aspects. In ergonomic analysis, material handling from delivery to delivery is a specific case reconstruction of assembly stations. The aim is to identify and prevent the comparison of alternative solutions using standard methods (NIOSH) and an index (OCRA) or ergonomic hazards with pre-assigned movements (including collection, handling, loading, etc.).

Technology for ergonomic studies in the IVS environment