

to Boost Operator Performance
in Different Work Environments



FOCUSED WORK



COLLABORATIVE WORK

CONTROL ROOM LAYOUT (ISO 11064-3)

01 Isolation

Design workstations with partitions or cubicles to provide visual and acoustic privacy. This helps operators concentrate on their individual tasks without being disturbed.

02 Ergonomic Design

Ensure that each workstation is ergonomically designed with adjustable chairs, desks, and monitors to reduce physical strain and enhance focus.

01 Spatial Arrangement

Design the control room layout to facilitate easy communication among operators. This might include circular or semi-circular desk arrangements where operators can face each other, promoting visual and verbal communication.

02 Visibility

Ensure all operators have clear lines of sight to shared displays and indicators. This can be achieved by tiered seating or strategically placed monitors.

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ENVIRONMENTAL REQUIREMENTS (ISO 11064-6)

01 Thermal Environment

Maintain a stable temperature that is comfortable for prolonged periods of sitting. Use individual climate controls where possible.

02 Lighting

Use task lighting to reduce eye strain. Adjustable desk lamps can provide focused light for detailed work, while ambient lighting can be kept at a lower level to create a calming environment.

01 Acoustic Environment

Control background noise to prevent auditory distractions while allowing for clear communication. Use sound-absorbing materials and consider white noise systems to mask unwanted sounds.

02 Lighting

Implement adjustable lighting to prevent glare on screens while ensuring that all operators can easily read physical documents and see each other's faces.

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EVALUATION OF CONTROL CENTRES (ISO 11064-7)

01 Performance Metrics

Monitor performance metrics to ensure that the environment supports high productivity and minimal errors. Adjust ergonomic features based on performance data and operator feedback.

01 User Feedback

Regularly gather operator feedback to identify and address ergonomic issues. This ensures that the environment continually supports effective collaboration.